

SELF STUDY REPORT 2015

Submitted to
National Assessment & Accreditation Council
Bangalore



Tirumala Tirupati Devasthanams
SRI VENKATESWARA COLLEGE

(UNIVERSITY OF DELHI)

BENITO JUAREZ ROAD, DHAULAKUAN, NEW DELHI - 110021

www.svc.ac.in

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(University of Delhi)

Benito Juarez Road, Dhaula Kuan, New Delhi – 110021

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अखिलभुवनजन्मस्थेम भङ्गादिलीले
विनतविविधभूतव्रातरक्षैकदीक्षे ।
श्रुतिशिरसिविदीप्तेब्रह्मणि श्रीनिवासे
भवतु मम परस्मिन् शेमुषीभक्तिरूपा ॥

May my Mind and Intellect, meditate the form of Bhakti in Śrīnivāsa, the Highest Reality, revealed in the Vedānta as the Lord who creates, protects and destroys the Whole Universe with sportive ease and who has taken a vow to protect all creatures who seek Him.

Rāmānujācārya- ŚrīBhāṣya, Maṅgalaśloka

SHRI VENKATESHWARA COLLEGE
THIS FOUNDATION STONE
WAS LAID BY
DR. SARVAPALLI RADHAKRISHNAN
VICE PRESIDENT OF INDIA
ON SUNDAY AUGUST 20, 1961.

TIRUMALA TIRUPATI DEVASTHANAMS : TIRUPATI
SRI VENKATESWARA COLLEGE
DHAULA KUAN : NEW DELHI
NEW PREMISES OCCUPIED
ON 24-8-1969
NAMES OF MEMBERS OF T. T. D. TRUST BOARD
1. SRI G. RANGA RAJU-CHAIRMAN
2. SMT. RANI J. KUMIDINIDEVI - M.L.A
3. SRI K. NANJAPPA
4. SRI C. BALI REDDY
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10. SRI G. C. VENKANNA, M.L.A
11. SRI VEESAM ANYASI NAIDU
12. SRI M. CHANDRAMOULI REDDY, M.A., J.S.
EXECUTIVE OFFICER



శ్రీ వేంకటేశ్వర కళాశాల

Sri Venkateswara College

(University of Delhi)

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Ref.No.SVC/UGC-NAAC/2015

20.11.2015

Declaration by Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

The SSR is prepared by the Institution after Internal Discussion and no part thereof has been out sourced.

I am aware that the Peer Team will validate the information provided in this SSR during the peer team visit.

Place: New Delhi
Date: November 20, 2015

(P.HEMALATHA REDDY)
PRINCIPAL



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Dr. P. Hemalatha Reddy
Principal

Ref.No.SVC/UGC-NAAC/2015

20.11.2015

Certificate of Compliance

(Affiliated/ Constituent/ Autonomous Colleges and Recognized Institutions)

This is to certify that *Tirumala Tirupati Devasthanam's Sri Venkateswara College* (University of Delhi) Benito Juarez Road, Dhaula Kuan, New Delhi – 110 021, fills all norms:

1. Stipulated by the affiliating University and/ or
2. Regulatory Council/ Body [such as UGC, NCTE, AICTE, MCL, DCL, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

It is noted that NAAC's accreditation, if granted shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case, the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Place: New Delhi
Date: November 20, 2015

(P. HEMALATHA REDDY)
PRINCIPAL

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PREFACE

From humble beginnings fifty four years ago, Sri Venkateswara College has been able to establish itself as a leading institution of higher learning. Throughout its existence it has sought to combine the goals of academic excellence and integrity with the ideals of diversity, equity and social justice—imparting to its students not just skills but also ethical and moral values.

At a time when the needs of extreme specialization threaten to put us all into narrow disciplinary silos, we at Sri Venkateswara College have sought to keep the conversation going between the sciences, social sciences and humanities. We have tried to provide the best education possible in each of these streams while at the same time providing a platform for students from different streams to mingle together both in academic as well as sports and other extra-curricular activities. While inculcating pride in India's culture and heritage, we have tried to give our students a global perspective through international exchange programs. An evidence of the success of these endeavors is that the College has consistently maintained its position as a “college of choice” for many of the best students joining the University of Delhi.

While strengthening the classical undergraduate and postgraduate programs the college has tried to keep abreast of latest developments, starting various programs in emerging areas of learning. Sri Venkateswara College ensures that the students are nurtured in a motivating environment with the best facilities for research and innovation. We also keep ourselves aware of the recent trends in the industry and ensure that our students meet with the contemporary demands in terms of their employability. The association with Sri Venkateswara College, hence, is not only limited to the span of one’s academic involvement and is an all pervasive one. This is the way in which we knit ourselves together as the ‘Venkateswara family’.

We look forward to the assessment process for NAAC accreditation as an opportunity to learn from our peers and to reflect critically ourselves on our strengths and weaknesses. The preparation of this Report itself has brought us together as a community. Taking time away from day-to-day responsibilities we have been able to think together about the longer-term vision for the college, taking stock of what we have been able to do and the tasks that lie ahead. This process has provided us with many opportunities to understand and document our systems and practices and recognize how they can be further improved.

For this, the entire College community is grateful to the team that spearheaded the process of preparing this Report. We believe that meticulous precision which has been demanded by the Report will further foster a spirit of enthusiasm and accountability and guide us as we embark upon a new chapter in the glorious saga of Sri Venkateswara College.

Dr. P. Hemalatha Reddy
Principal

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- Dr. P. Hemalatha Reddy Chairperson and Principal
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- Dr. N. Latha Additional Coordinator
- Dr. Renu Jain Member
- Dr. R.P. Singh Member

Special Acknowledgements

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ABBREVIATIONS

AC	Academic Council
AICTE	All India Council for Technical Education
AIIMS	All India Institute for Medical Sciences, New Delhi
AMC	Annual Maintenance Contract
AO	Administrative Officer
APAR	Annual Performance Assessment Report
ASC	Academic Standard Committee
ASCEND	Ardent Souls Carrying Entrepreneurial Notions and Dreams
AV	Audio Visual
BIF	Bioinformatics Infrastructure Facility
BTISnet	Biotechnology Information System Network
CAG	Comptroller and Auditor General
CBCS	Choice Based Credit System
CCMB	Centre for Cellular and Molecular Biology
CIC	Cluster Innovation Centre
CIF	Central Instrumentation Facility
CoE	Centre of Excellence
CPF	Central Provident Fund
CSL	Central Science Library
DBT – BTIS	Department of Biotechnology Biotechnology Information System Network
DBT	Department of Biotechnology
DRDO	Defense Research and Development Organization
DSE	Discipline Specific Elective
DST	Department of Science & Technology
DU	University of Delhi
DULS	Delhi University Library System
DUSU	Delhi University Students Union
EC	Executive Council
ECA	Extra Curricular Activities
EOC	Equal Opportunity Cell
ERD	Evaluative Report of the Department
ERP	Enterprise Resource Planning
EVS	Environmental Studies/ Science
FAA	Fine Arts Association
FYUP	Four Year Under Graduate Programme
GB Pant	Govind Vallabh Pant
GB	College Governing Body
GBM	General Body Meeting
GIC	Group Insurance Corporation
GOI	Government of India
GPF	General Provident Fund
GT	Guest Teacher
HEI	Higher Educational Institution

HOD	Head of the Department, University of Delhi
HTC	Home Travel Concession
IA	Internal Assessment
IAAW	Institute for Asian and African Studies, Humboldt University, Berlin, Germany
IARI	Indian Agricultural Research Institute
ICGEB	International Centre for Genetic Engineering and Biotechnology
ICHR	Indian Council of Historical Research
ICMR	Indian Council of Medical Research
ICSSR	Indian Council of Social Science Research
ICT	Information and Communication Technology
IGIB	Institute of Genomics and Integrative Biology
IGNCA	Indira Gandhi National Centre for Arts
IGNOU	Indira Gandhi National Open University
IIIT	Indraprastha Institute of Information Technology
IISC	Indian Institute of Science, Bangalore
IIT	Indian Institute of Technology
ILLL	Institute for Life Long Learning, University of Delhi
IMBH	Integrating Mind Body and Heart
IMTECH	Institute of Microbial Technology
IMTECH	Institute of Microbial Technology, Chandigarh
INAAD	IUCCA Node for Astronomy and Astrophysics Development
INFLIBNET	Information and Library Network
IOAC	Internal Quality Assurance Cell
ISCE	International Society of Chemical Ecology
ISKCON	International Society for Krishna Consciousness
ISR	Institutional Social Responsibility
IT	Information Technology
IUCAA	Inter-University Center for Astronomy & Astrophysics, Pune
JCC	Joint Consultative Committee
JNU	Jawaharlal Nehru University
JRF	Junior Research Fellow
LTC	Leave Travel Concession
MCQ	Multiple Choice Questions
MHRD	Ministry of Human Resource Development
MoU	Memorandum of Understanding
MTS	Multi-Tasking Staff
N.A.	Not Applicable
NBRC	National Brain Research Centre
NCERT	National Council of Educational Research and Training
NCERT	National Council of Educational Research and Training, Delhi
NCWEB	Non Collegiate Women's Education Board, Delhi University
NDMC	New Delhi Municipal Council
NGO	Non-Governmental Organization
NIC	National Informatics Centre
NII	National Institute of Immunology

NIPGR	National Plant Genomic Research
NKN	National Knowledge Network
NME-ICT	National Mission on Education through Information & Communication Technology
NNMCB	National Network for Mathematical and Computational Biology
NPL	National Physical Laboratory
NPS	New Pension Scheme
NPTEL	National Program on Technology Enhanced Learning
OBC	Other Backward Classes
OC	Old Course
OPAC	Online Public Access Catalogue
PA	Public Address
PAS	Performance Appraisal System
PC	Placement Cell
PF	Provident Fund
PG	Post Graduate
PGMBT	Post Graduate Diploma in Molecular and Biochemical Technology
PH	Physical Handicapped
PI	Principal/ Project Investigator
PIO	Public information Officer
PIs	Principal Investigators
PNG	Piped Natural Gas
Prog.	Programme
PwD	Persons with Disability
RA	Research Assistant/ Associate
RBI	Reserve Bank of India
RTI	Right to Information
SC	Scheduled Caste
SEBI	Securities and Exchange Board of India
SO	Section Officer
SOL	School of Open Learning
SRF	Senior Research Fellow
SRO	Senior Research Officer
ST	Scheduled Tribe
SVC	Sri Venkateswara College
TERI	The Energy and Resources Institute
THSTI	Translational Health Science and Technological Institute
TIC	Teacher-in-charge
TTD	Tirumala Tirupati Devasthanams, Tirupati, Andhra Pradesh
TTM	Tourism and Travel Management
TYUP	Three Year Under Graduate Programme
UDSC	University of Delhi, South Campus
UG	Under Graduate
UGC	University Grants Commission
UKIERI	United Kingdom India Education and Research Initiative
VH	Visually Handicapped

Vol.
WDC
WUS

Volume
Women Development Centre
World University Services

GLOSSARY

ASCEND	An ancillary of the successful Placement Cell founded with the objective of nurturing entrepreneurial spirit among the youth.
College Community	Students, Teachers, Principal, Administrative Staff & Support Staff
College Trust College/ SV College/ SVC	Tirumala Tirupati Devasthanams, Tirupati, Andhra Pradesh Sri Venkateswara College, (University of Delhi), New Delhi
DU	University of Delhi
ENACTUS	A group/ community of students, academic and business leaders, who transforms the lives by using entrepreneurial activities and can shape a better world.
Management Societies	Governing Body Various units of the college, which organizes curricular & extra-curricular activities in the college.



EXECUTIVE SUMMARY

About the College

Sri Venkateswara College, under the aegis of the Tirumala Tirupati Devasthanams Trust of Andhra Pradesh is now in its 55th year since its inception in 1961. Fired with the zeal of promoting the cause of education the three stalwarts in the public domain, Smt. Durgabai Deshmukh, Dr K. L. Rao and Dr. C. Anna Rao, transformed their spirited vision and dream to reality in the shape of Sri Venkateswara College.

The foundation stone for the construction of a full-fledged building in the spacious 15 acres provided at Dhaula Kuan was laid on August 20, 1961 appropriately and auspiciously by Dr Sarvepalli Radhakrishnan, India's outstanding teacher, scholar and statesman. The college has seen tremendous development since its inception. It began functioning modestly in a school building of the Andhra Education Society at Rouse Avenue, New Delhi with 273 students and 13 staff members and moved into its own spacious buildings in Dhaula Kuan in 1971.

The TTD is an autonomous organization managing the affairs of Lord Balaji. TTD's constant efforts at building and providing for quality education throughout the country are widely known. Drawing on the munificence of Lord Venkateswara himself, the temple trust has always endeavored to spread His grace by founding world class institutions spreading knowledge to millions who will benefit from it. It has always been one of the founding missions of the trust to have educational institutions that would merge traditional wisdom with progressive streams of knowledge including technical awareness. Over the years they have unhesitatingly encouraged all opportunities for growth and development in these institutions. Sri Venkateswara College has over the years emerged as a premiere institution amongst several which are supported by the Devasthanams Trust.

The college is known for excellence in academics, sports and overall development of students who have the privilege of studying here. It is known as one of the prominent institutions where students from all across the country vie to take admission. The reason being the very highest standard of rigor and uncompromising quality shown by the committed faculty and administration in facilitating and imparting education. As the number of students grows in leaps and bounds the college has done the utmost to keep itself abreast with the latest facilities so as to maintain the ideal of quality above quantity.

It is indeed no mean achievement to be recognized by the UGC as a Centre for “**potential for excellence**” (2004-2008) and as “**Star College**” by the Department of Bio-Technology, Government of India (2011). Under the DBT Scheme, for the strengthening of undergraduate education and training in the Life Sciences and Biotechnology, a sum of Rs.66 lakhs was sanctioned for a period of 3 years. This has subsequently been upgraded into the DBT Star Status for all the science departments in the college for the next three years. In addition, the college has also been bestowed with seven innovative research

projects in the science stream to tap the research potential of undergraduate students, with the association of faculty members in each project.

Sri Venkateswara College has been associated with various student exchange programs over the years. In association with the South Eastern University, Oluvil, Sri Lanka, our college team visited the island nation during May 2012 and made presentations on Human Development and Indian Culture. The college has been part of the UKIERI exchange program, now called the Generation UK India-Study India Program for the past four years. Our faculty members have also been to other institutions of repute under the U21 program which include the Aarhus University, Copenhagen and the University of Nottingham.

Continuing the rich tradition of academic activity, many of the departments including Biochemistry, Bio-Technology, Physics, Chemistry, Botany, Zoology, Commerce, English, Hindi, Economics, Sanskrit, Political Science etc. have organized seminars, workshops and popular lecture series in the college. The college jointly with the TTD organized a conference on 'Relevance of Ancient Indian Wisdom in Modern Society' in March 2013. Sri Venkateswara College believes in imparting 'value based instruction' which is woven into the very texture of the 'value integrated education' that we impart to the students. Our scholarly pursuits are nurtured with the idealism of spirituality and we believe that our effort to inculcate the values of both in our students is the only way to ensure their holistic development. We sincerely strive to achieve that perfect balance in our endeavors here.

The success story of our college in the last half decade (2010-15) has only further corroborated the college's claim as one of the best colleges in the University of Delhi. Our academic growth has scaled new heights with the medals that our students have brought to us. Scientific growth has also been fueled in the college with new improved facilities for research and laboratory training in our precincts. Further due to the college's initiative that our faculty members participate in the various national and inter-national exchange programs, conferences and seminars we also have greater exposure which has been suitably incorporated into the academic blueprint of our college.

Sri Venkateswara College heralds the ushering in of a new dawn of quality education and re-defining higher education in 21st century India.

It is imperative that all academic institutions should be aware of the developments in the field of education on both the national and the international level. For continuous evolution of any Higher Educational Institution, integrated evaluation of its academic, infrastructure and administrative capabilities is a must. Comprehensive evaluative processes lead to enhanced credibility of educational institutions. The Executive Summary that follows gives a glimpse of criteria-wise achievements and accomplishments of Sri Venkateswara College which have been subsequently elaborated with details in the report.

Criterion I: Curricular Aspects

In keeping with our philosophy, vision and objectives we at Sri Venkateswara College aim to provide a holistic education to our students. We offer undergraduate courses in all the three streams of Humanities, Commerce and Basic and Applied Sciences. The college also offers 10 Post- Graduate Degree programs. We give our students' academic flexibility and inculcate the spirit of research and enquiry by actively encouraging them to engage in research based activities. Innovative thinking and intra-disciplinary approach is a hallmark of our college. We take concrete steps to reflect these in our blueprint for the curriculum and are also vigilant about its actual implementation. Any such pedagogical initiative is duly supported by infrastructural and academic assistance. Our faculty members have also contributed to the curriculum planning and reassessment programs at the University level and at home through a transparent feedback system we ensure that both course content and the teaching-learning methods adopted are continuously evaluated. We take concrete steps to make up for any lacuna in the syllabus and have successfully introduced add-on courses, including a standalone course on Bioinformatics in the college. Our constant interaction with the industry through the Placement Cell and the advice that we get from our illustrious alumni also help us in molding our course content in such a manner that we also ensure that the rigor of research in academic is translated into better employment opportunities for our students and thereby also contributing to the larger cause of the society at large.

We also understand that classroom teaching has to be supplemented with other learning aids like seminars, conferences, study tour, field-study, industrial trips etc. which add to the students' understanding of the discipline. These also make them aware of the recent developments in these areas of study and also expose them to the corresponding industrial practices. We also appreciate the need for extra-curricular activities and our active student societies, who have won several awards across the nation, stand to testify our efforts. Sri Venkateswara College thus promotes a harmonious idea of education, one that touches upon all the facets of an individual's life and thereby also that of the society.

Criterion II: Teaching, Learning and Evaluation

As stated above that Sri Venkateswara College being one of the premier constituent colleges under the aegis of the University of Delhi, attracts the best minds in the country who enroll themselves for an undergraduate programme. The screening and selection of the candidates are accomplished under the directives of the parent University. However being the choice of such meritorious students puts more responsibilities on the college not only in terms of coming up to their expectations but also ensuring that the bright minds are constantly ignited with the zeal for knowledge and are nurtured to become worthy citizens of the global village.

We have a dedicated faculty here who supplement traditional teaching-learning modules with the latest development in pedagogical practices. This is a sincere team of enthusiastic scholars and researchers who are famous in their own areas of specialization in the intellectual circles. Many of them have been recipients of various national and

international awards, scholarships and fellowships and have also to their credit several acclaimed publications, research analysis and significant patents. Our faculty members are also encouraged by the college to keep themselves abreast of recent trends by participating in seminars and conferences and also by taking part in the periodically organized refresher and orientation courses.

Assessment of the students happens at an everyday level at Sri Venkateswara College. The teachers promote the idea of participatory learning and encourage group discussions, peer study and paper presentations at the classroom level. Internal Assessment is taken very seriously in the college and is used as an opportunity to enable the students to test their own understanding of the discipline. Slow learners and students with special needs are provided with extra care through tutorials, remedial classes and interactions with the concerned teachers outside the classroom. The assessment system at the college is symbolic of its transparent functioning as the records are brought to the student domain through the college website. The students' feedbacks are also taken very seriously and any of the challenges that they meet are addressed at the earliest.

Criterion III: Research, Consultancy and Extension

Sri Venkateswara College is proud of the culture of research and innovation that it has fostered and the worthy reputation that it has garnered in the academic world. Our dedicated faculty- members are themselves ignited with this zeal for an innovative take on traditional disciplines and has also made path-breaking contributions in new areas of study. Many of them also have Ph.D. candidates under their tutelage. They mentor our students towards the same goal who are then inspired to carve out their own quests for knowledge. The college fosters a conducive atmosphere for such pursuits by disseminating information about various national and international scholarships, fellowships and grants, granting leave for pursuing research and permissions to attend seminars and conferences. The college extends further support by providing infrastructural support, scientific equipment, latest software and other e-resources towards this end. The 29 prestigious Innovative Projects awarded to Sri Venkateswara College goes to prove how dedicated we have been in our pursuit for excellence in this area. Further, the academic structure of the college which includes all the three streams also enable us to tap the inter-disciplinary potential of new fields of research and take our standards to the global level.

Consultancy is another strong forte of the college as we are into significant strategic partnership with various academic and research bodies of repute and have strong ties with the industry as well. Our faculty members have been part of steering committees for various institutions, course modules and are also regularly invited to institutions both at national and international levels. The record of the college vis-à-vis placement at various reputed organizations regularly through a span of years further attests the employability of our students and the good reputation that they enjoy at the market. Their competence and expertise has certainly been cultivated at the college.

Sri Venkateswara College believes in serving the need of the community around its precincts and has a well-defined community outreach program towards this ideal. At the micro-level our students actively volunteer to teach the underprivileged children in the neighboring slum and we have also adopted a government school in Haryana. However we also have contributed on a broader level by aligning with the Times of India's initiative of Each One Teach One and the national ideal of the Swaachh Bharat Abhiyan.

Criterion IV: Infrastructure and Learning Resources

Infrastructure is a pre-requisite when it comes to the implementation of any plan, and certainly for academic pursuits. Sri Venkateswara College is located in the centre of the South Campus colleges and is in the close vicinity of the University of Delhi, South Campus. It has a sprawling campus of 15 acres and a well-planned campus with a separate block each for Administration, Humanities and the Sciences. The Library is housed in a separate wing and there are two additional blocks for the fully air-conditioned Seminar hall and the state-of-art auditorium. There are also two hostels for the students, one for the boys and the girls each and residential quarters for the employees. It also has a Zoology and Botany museum, a Botanical Garden and a Medical Room. The college nestles in the midst of a sprawling garden.

Sri Venkateswara College has a Wi-fi enabled campus with well-equipped science and computer laboratories, classrooms with the latest technologies. Further the foundation stone for the upcoming Science Block has also been duly laid in the last academic year. The Library has an OPAC facility and facilitates access to various books, journals and publications of repute other than other e-resources.

The College also has cricket, football and hockey fields, a volley ball ground and a Basket Ball Court and a Lawn Tennis Court. It also has facilities for indoor games like table tennis, chess and carom.

The college has a well-maintained cafeteria also which has R.O. water purifiers and fire extinguishers at strategic places throughout the campus.

Sri Venkateswara College thus has always tried to build a campus which will supplement and provide a conducive atmosphere to its academic ideals. Regular maintenance and up-gradation plans for the same are regularly monitored and assessed by the college authorities and periodical suggestions are also sought from the stakeholders.

Criterion V: Student Support and Progression

Students are most important constituent of any academic institution and all measures must be taken keeping their best interest in mind. Sri Venkateswara College acknowledges their success by awarding the students various awards and scholarships in the Annual Day function. Those from the socio-economically weak sections of the society are also encouraged with financial assistance through fee concessions and scholarships. For the differently-abled students the college has an Equal Opportunity Cell

and ensures that the infrastructural designs meet with their requirement. For slow learners, through tutorials, remedial classes and interaction with teachers the pursuit of academics is made as easily accessible to them as is possible. Further we also have a professional Counsellor in the college and the students can avail of this guidance whenever needed.

The students are regularly taken to other institutes of repute and the various educational and industrial tours also give a hands-on approach to their discipline of study and the corresponding industrial practices. We have an active Placement Cell which bridges the gap between the students and the suitable employment opportunities awaiting them. Further there are the Grievance Redressal Cell, Internal Complaints Committee (against Sexual Harassment) and the Anti-ragging Committee which directly take up issues concerning the students and look for a speedy resolution of the same.

Sri Venkateswara College also has an active Sports club comprising of athletes from various sports. Many of them have brought laurels not only for the college at the national level but also for the country by winning trophies in various inter-national events. We also have a number of Societies/Associations which have represented the college in events and competitions across the country.

The college takes measures to listen to the students opinion through the Students' Union and gives due importance to their feedback to every aspect of the functioning of the college. The close ties of the college with its alumni also highlight the strong bond that the college shares with its students.

Criterion VI: Governance, Leadership and Management

The functioning of Sri Venkateswara College is in complete consonance with the spirit of democracy that it strives to foster among the stakeholders that it is accountable to. The college is run within the paradigm of an egalitarian set-up which is participatory in nature and is de-centralised in its approach.

The governing machinery of the college is constituted under the guidelines of the University of Delhi. The Principal is at the helm of this structure and the Staff Council and the various specialised Committees, Cells and functionaries are responsible for decision-making and subsequent execution of those policies. In an academic level, the structure moves from the apex functionary to the various teachers-in-charge and the other faculty members. This participatory nature of the governing system motivates all to be a party to the decisions taken and is a testimony to the encouraging atmosphere fostered in the college. Further feedbacks, both at the formal and informal levels, are also welcomed and taken into consideration.

All the finances and accounts of the college are maintained and audited in accordance with the UGC regulations and those of the University of Delhi.

Criterion VII: Innovations and Best Practices

Sri Venkateswara College is committed to serve the cause of conservation. The Eco Club in the college strives towards this by putting up posters across the campus to raise awareness for environmental issues. Energy conservation and use of renewable energy is our main idea for the protection of environment, as Sri Venkateswara College believes in the optimum use of energy.

Sri Venkateswara family is nature loving family therefore tree plantation and protection is our aim. Since the college borders the Aravali – semi arid eco belt we have avoided the plantation of water intensive varieties in the campus and encourage growing Xerophytic plants that are better suited to the Aravali Ecosystem.

To make the campus smart, clean and green, issues related to it are taken very seriously. Special measures are being adopted for waste management. ENACTUS Society deals with the transformation of waste into manure useable for public institutions. We also have Botanical garden and we do not use any chemical fertilisers in our campus.

The Women's Development Cell (WDC) has organised a number of events in an attempt to sensitize those in the campus about issues pertaining to women's rights. The Equal Opportunity Cell has also taken up a number of measures to ensure that everyone in the campus is sensitive to the needs of the differently-abled faculty and students.

Sri Venkateswara College is innovative in practice and with full of energy and enthusiasm. Interdisciplinary approach in subject choices, participative education, teaching beyond classroom, special emphasis to physically challenged and socially deprived students are taken very seriously. There are a number of best practices, out of them two are written elaborately in this self-study report. As the vision and mission of our college is based on Vedic wisdom with traditional cultural values, therefore the family of Sri Venkateswara move towards into that direction only. They adopt modernity in life without hampering our forefathers' tested wisdom. The Vedas believe the whole cosmos is a single nest but by adopting the positive ways in life man can be blissful. Sri Venkateswara College imparts this education directly or indirectly through classroom teaching, group discussion, fine arts and through literary and scientific activities, which gets a tremendous success also. The college sets those parameters in cultural functions, through which youth can connect easily and can make difference in modern education with age long traditional values.



SWOC ANALYSIS

We, at Sri Venkateswara College believe that we are on the academic map to make well rounded citizens of students and faculty members. SVC is built upon the ideals that any educational system cannot thrive on the basis of a one dimensional flow of knowledge from teacher to student alone. In this context, therefore the college follows a participatory and inclusive model of education which ensures multi-dimensional knowledge flows from students and faculty members alike. We do not believe in imparting education that is only information based but rather we believe in a kind of educational system whose objective is to inculcate a system of learning that is holistic and value based. The vision statement along with the motto of this college prioritizes honesty, truthfulness, sincerity, compassion for both human beings and other members of the natural environment over individualistic ideals of an increasingly commercialized world. Small wonder therefore, SVC is not only known for its outstanding students and faculty in terms of academic achievements but is also well known for its commitment towards collective social values.

Strengths

- ✚ The college is situated in Dhaula Kuan adjacent to the South Campus of the University of Delhi. With the metro service under construction, it is considered to be well connected and easily accessible to students from different parts of New Delhi.
- ✚ The small college temple dedicated to lord Sri Venkateswara from whom the college derives its name is of symbolic significance to the college. The college does not promote any specific religious faith but by installing the deity within the college premises it promotes a set of values as enshrined in its vision statement-values such as humility, love for all, compassion and fearlessness as shown by the lord in Hindu mythology.
- ✚ SVC boasts of a green campus that is environment sensitive. From time to time it has undertaken several green projects like assessing carbon-footprints, vermicomposting, rain water harvesting etc.
- ✚ The campus has an excellent auditorium and hostel facilities for both men and women candidates. Most hostel mates comment that life spent at the SVC hostels is a fun-filled learning experience that prepares them for the bigger events of life.
- ✚ Just near the auditorium is the well maintained college lawn. Students scattered in groups all over the lawn engaged in incessant discussions about college projects, activities and the like make a pleasant sight.
- ✚ The college lobby has an aesthetic appeal with the unique art form of Cheryl Paintings adorning the lobby walls. In doing so the college is trying to revive an age-old art form that is on the verge of extinction.

- ✚ SVC owes the distinction of being a cosmopolitan college that comprises of students and faculty from different regions of the country. One of its primary ideals has been the recognition of the significance of diversity in all its endeavors academic and non-academic.
- ✚ The college is a coeducational college and is gender sensitive. Like most of its ideals, it believes in an integrated and not a segregated approach to education. It promotes a yin-yang philosophy that believes in the complementarity among opposite sexes.
- ✚ SVC is multi-disciplinary in its orientation. It encourages the coexistence of the sciences, the humanities, the liberal arts and commerce. Each of these streams is flourishing and attracts a large number of students from all over the country.
- ✚ Academic environment at SVC is a lively and vibrant one. It doesn't confine itself to traditional methods of teaching where teaching used to be a monologue between the teacher and the student. On the contrary the college is constantly innovating with new teaching strategies like class room discussions, demonstrations, live plays etc.
- ✚ SVC represents a total way of life. Its music, dance and debating societies have achieved widespread acclaim in New Delhi and its adjoining areas. In fact its cultural festival NEXUS stands out as an event par excellence.
- ✚ In keeping with its multi-disciplinary approach, the college encourages talks and seminars that are interdisciplinary in nature. We have had a series of talks that attempt cross- disciplinary comparisons so that faculty and the students have a broader perception of issues of significance.
- ✚ The college believes in transcending the hierarchical boundaries between teacher and student. It by means of several programs facilitates smooth interaction among the two. Often departmental meetings are conducted where student representatives are asked to participate and voice their opinions.
- ✚ Sri Venkateswara College, adheres to the norms of the University of Delhi in conducting timely internal evaluations and assessments. In addition to it, student feedbacks are also taken. In assessing its own performance, SVC takes care to meet the triangulation of perspectives by involving all affected groups.
- ✚ It also has several monitoring agencies like the ASC that evaluate the overall academic performance of the college.
- ✚ The college to the best of its ability fosters a democratic ambience where every mind has the liberty to voice their own opinion fearlessly. Sri Venkateswara College believes that young minds first need to get out of the syndrome of fear in order to be able to contribute to the society in general.

- ✦ SVC has a well reputed placement cell that provides students with ample opportunities to try out job options that they are best at.
- ✦ The college also excels in sports. Several of its students have received national as well as international laurels for their performances. In addition to it, the college field is utilized to impart cricket coaching to youngsters and often reputed cricketers are pooled in to impart training.
- ✦ The faculty of this college is deemed to be among the best just as the students are considered to be among the best. Both faculty and students along with the cherished ideals of this college are supposed to be the greatest strengths of SVC.

Weaknesses

- ✦ With an increase in the intake of students on account of OBC, unfortunately infrastructural facilities have not been able to keep pace. This is on account of procedural delays in obtaining permissions from several local authorities makes it an all the more tedious affair to go ahead with infrastructural development. This also includes the urgent need for increased hostel facilities for the students.
- ✦ Recruitment of more number of permanent teachers is a universal problem that most colleges are grappling with and Sri Venkateswara College is no exception. The college acknowledges that the recruitment process has slowed down over the years for a wide variety of reasons and that has had a telling effect on the college environment.
- ✦ College has a sizeable proportion of students who need different kinds of academic help very different from the majority. This comprises of students who follow a different medium other than English and also a category that are slow learners. The college is yet to devise a proper method by means of which these students can be brought at par with the mainstream.
- ✦ The movement of our esteemed faculty to the parent/other universities with the training that they have acquired here at Sri Venkateswara College is another crisis that the college often has to face. The lacuna created is irreparable and it takes a long while to make up for such a loss.

Opportunities

- ✦ SVC has a vibrant alumni association that needs to be tapped. Interaction with the alumni should be enhanced in order to ensure both financial as well as social support.

- ✦ Social networks should also be established with industry as well as governmental agencies to facilitate better integration among all sectors. Students as well as faculty will then stand to benefit from such associations.
- ✦ Tie-ups with other institutions would provide the college with ample opportunities to explore hitherto unexplored avenues.
- ✦ Nongovernmental organizations should also be roped in as they would provide an excellent practical standpoint vis-à-vis the theoretical one as promoted by the university systems.
- ✦ Consultancy services and other such facilities should be used to generate more funds for the college which could then be used for the furtherance of the developmental activities of the college.
- ✦ Building up of social support networks is another opportunity that the college would like to explore. In this context, the college could have a group of students and faculty members who could visit the not-so-privileged groups and offer their help. They could also have a group who could go and teach school children and do other such work with a professional touch.
- ✦ The college has more than 600 Commerce students, 700 students from Mathematics, Economics and Statistics. An MoU with National Stock Exchange (NSE) to offer various modules to students to qualify Certificates in Financial Markets, will go a long way in improving the employability of these students in the areas of Banking, Insurance, Stock Markets etc.
- ✦ The college could also look at the possibility of having a full-fledged vocational training center that could impart vocational training like carpentry, masonry, computer skills, mobile repairing, sewing, cooking, fashion designing and the like to interested students.

Challenges

- ✦ The most glaring challenge that the college faces is how to strike an effective balance between teaching and research. While the college recognizes that undergraduate course curriculum is a teaching intensive one, the model of education now being followed wants an equally vigorous research environment.
- ✦ Integrating teaching and research is a herculean task which the college is confronting today.
- ✦ To develop infrastructural facilities is a challenge that the college is trying to accommodate to the best of its ability – given the fact that negotiating with bureaucratic hurdles in this regard is no mean task.

- ✦ To sensitize other students to issues confronting the North-Eastern students and to integrate them into the mainstream so that they do not lead an isolated existence is another challenge that the college encounters today.
- ✦ Given the changing social milieu, maintaining a harmonious balance between academic values and collective social values is a daunting affair that the college is trying to instill among both its faculty as well as the student community. There is hence the need to emphasize more on outreach programs which will integrate us with the community at large and make us contribute to it directly.
- ✦ We also need to have skill development courses which will hone the professional potential of our students and improve their prospects with regard to their employability. This will also help us to keep pace with the changing needs and demands of the various industries in the market sector.
- ✦ The global awareness towards conservation is another aspect to which all of us need to take concrete steps. Paper recycling, vermin-composting, installation of solar panels are some of the measures that the college has taken but considering the severity of the crisis one has to devise more ways to battle this challenge.
- ✦ The ideal of the college is to transform itself into a ‘Smart College’ which is digital in its functioning. It provides for an educational environment which has an ICT enabled infrastructure but still more needs to be done through indigenous means to work towards these complimenting goals of ‘Digital India’ with ‘Make in India’.

Future Plans

- ✦ In keeping with its vision statement as well as its motto, the college believes that true education is a never ending process. The more we delve into, we realize that more needs to be done.
- ✦ SVC wants to expand further into the domain of research. It wants to foster an academic environment that integrates theory with research and one that does not treat the two as separate entities.
- ✦ It wants to facilitate interdepartmental talks among its faculty. Say for instance, if there are topics like “globalization” that overlap, teachers from economics, political science, history and sociology could provide inputs from their respective disciplines.
- ✦ The college would want exchange programs with international universities of repute so that its faculty members could have international exposure on a wide variety of issues.

- ✚ SVC has talented faculty with PhD's from reputed universities and yet they are mostly confined to undergraduate teaching. Faculty would also like to teach postgraduate students and guide research students in departments where this is yet to be realized.
- ✚ Peer reviewed publishing should also be encouraged and Sri Venkateswara College should have its own educative portal like IGNOU and other such distance based educational systems. This would give it a wider reach.
- ✚ In a digitalized world, Sri Venkateswara College would also aspire to have video-conferencing classes with other reputed universities. Efforts should be made to have well equipped classrooms with high-tech facilities so that teachers can use modern teaching methods.
- ✚ In sum, we at SVC believe that we need to hold on to our strengths, tide over our weaknesses, explore available opportunities and overcome our challenges recognizing with humility that “we have miles to go before we sleep and miles to go before we sleep”.



SRI VENKATESWARA COLLEGE

**PROFILE OF
THE COLLEGE**

1. Name and Address of the College:

Name:	Sri Venkateswara College		
Address:	Benito Juarez Road, Dhaula Kuan , New Delhi 110021		
City:	New Delhi	Pin: 110021	State: Delhi
Website:	www.svc.ac.in		

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. P. Hemalatha Reddy	<i>Office:</i> 011-24112196 <i>Res:</i> 011-24112195	9711796886	011-24118535	principal@svc.ac.in
Vice-Principal	----	----	----	----	----
Steering Committee Coordinator	Dr. Punita Sharma	<i>Office:</i> 011-24112196 <i>Res:</i> 011-22813740	9818089105	011-24118535	naac.punita@yahoo.com

3. Status of the Institution:

Affiliated College:
 Constituent College:
 Any other (specify):

✓

4. Type of Institution:**(a) By Gender:**

For Men
 For Women
 Co-education

✓

(b) By Shift:

Regular
 Day
 Evening

✓

5. It is a recognized minority institution?

Yes

No

If yes, specify the minority status (Religious/ linguistic/ any other) and provide documentary evidence:

N. A.

6. Sources of funding:

Government:

Grant-in-aid:

Self-financing:

Any other:

<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

7. (a) Date of Establishment of the College: 17th July 1961

(b) University to which the college is affiliated/ or which governs the college (If it is a constituent college):

University of Delhi

(c) Details of UGC Recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i.2 (f)	July 04, 2014	
ii.12 (B)	July 04, 2014	

For certificate of Recognition u/s 2 (f) and 12 (B) of the UGC Act: see page no. 551

(d) Details of recognition/ approval by statutory/ regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ clause	Recognition/ Approval details Institution/ Department Program	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
(i) Clause 20 (i), Chapter 4 of AICTE Act 1987	AICTE for B. Tech Electronics batch, beginning 2013-2014	April 29, 2015	Special Approval for one batch only	Vide letter no. AICTE/ NWRO/ DU colleges/ SVC/1-2557889301/2013-14
(ii)				
(iii)				

For certificate of Recognition from AICTE, see page no. 552-553

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes No

If yes, has the College applied for availing the autonomous status?

Yes No

9. Is the college recognized?

(a) by UGC as a College with Potential for Excellence (CPE)?

Yes No

If yes, date of recognition: September 02, 2004

For certificate of Recognition from UGC, see page no. -

(b) for its performance by any other governmental agency?

Yes No

If yes, Name of the agency: Department of Biotechnology, Govt. of India
DBT Star College Status Date of recognition: May 20, 2011

For certificate of Recognition from DBT, see page no.557

10. Location of the campus and area in sq.mts:

Location*	Urban
Campus area in sq. mts.	15 Acres/ 66429.456 sq. mts.
Built up area in sq. mts.	18697.948 sq. mts.
	Besides the above mentioned built up area 3080.264 sq. mts. is proposed for construction of a new building.

(*Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

 Auditorium/ seminar complex with infrastructural facilities:

- ✓ Fully air-conditioned, **Seminar Hall**, 200 seats with full acoustics and projection facility, Wi-Fi enabled and with fire-fighting system.
- ✓ Fully air conditioned, 02 **Audio-Visual Rooms**, 90 seats, Wi-Fi enabled and projection facility.
- ✓ One **Auditorium**, under construction (inside), with lobby and foyer.
- ✓ 04 **Lecture Theatres** (also for the purpose of curricular activities), 90 seats, Wi-Fi enabled and projection facility.

Sports facilities:

- **Playground** ✓
- **Swimming Pool** X
- **Gymnasium** X

Facilities:

- ✓ **Cricket Ground:** 45 Ft. Radial Playground with 03 finest Cricket Pitches, 08 Practice wickets with all possible equipment.
- ✓ **Football Field:** Equipped with 02 goal posts, Footballs and other reasonable equipment.
- ✓ **Hockey Field:** Hockey sticks, Balls and other reasonable equipment.
- ✓ **Volleyball Courts:** Playfield with 01 net, Volleyballs etc.
- ✓ **Basketball Court:** Cemented court is getting replaced with modernized synthetic court for better training.
- ✓ **Lawn Tennis Court:** A red sand tennis court is getting replaced with international standard synthetic court, (under renovation).
- ✓ **Badminton Court:** Badminton rackets, shuttle cocks and nets etc.
- ✓ **Indoor Sports Facility:** Table Tennis area, Chess and Carom etc.
- ✓ **Yoga Practicing Area:** Front lawns of auditorium.

Hostel:

- ✓ **Boys' hostels:** Yes
 - i. Number of hostels - 01
 - ii. Number of inmates- 72
 - iii. Facilities (mention available facilities) - ♥
- ✓ **Girls' hostels:** Yes
 - i. Number of hostels - 01
 - ii. Number of inmates- 72
 - iii. Facilities (mention available facilities): ♥

♥ In addition to the usual facilities like Study Table, Chair, Almira etc. both the hostels are

- Wi-Fi enabled
- Spacious Dining Hall
- 10 Computers

- Fully air-conditioned Reading Room and Three Computers
- Indoor and Outdoor Sports Facility
- English, Hindi Newspapers and more than 10 magazines
- First Aid and Minor Medical Emergency
- 24 hours Guard and CCTV Security

Working Women's hostels: No

- Number of hostels: N.A.
- Number of inmates: N.A.
- Facilities (mention available facilities: N.A.)

Residential facilities for teaching and non-teaching staff (give numbers available - cadre wise): ✓

- **Teaching:**
 - ❖ Principal's Bungalow: **01**
 - ❖ Two Bed Room Flats: **14**
- **Non-teaching:**
 - ❖ Ministerial Flats: **04**
 - ❖ One Bed Room Flats: **18**

Cafeteria: ✓ (Vegetarian food only).

Health Centre: ✓

- ✓ First Aid: Yes
- X In-patient, Outpatient: No
- ✓ Emergency Care facility, Ambulance etc.: Yes, arrangements with WUS Health Centre, South Delhi Campus, DU.

Health Centre Staff:

Qualified Doctor: Full Time: Part Time:

Qualified Nurse: No Full Time: Part Time:

Banking Facility: ✓ On College Campus

Photocopy and Stationery Facility: ✓ On College Campus

Post Office: ✓ 02 Post offices are available (within 10 minutes walking distance from SVC), Nanakpura & South Delhi Campus, DU.

Transport facilities to cater to the needs of students and staff: No

Animal house: No

Biological waste disposal: No

Generator or other facility for management/ regulation of electricity and voltage – ✓ 01, For full power backup, 160 KVA

Solid waste management facility: ✓

Waste water management: ✓

Water harvesting: ✓

12. Details of programs offered by the college (Give data for current academic year):

Academic Year 2015-16, Semester - 1: See Table 1

13. Does the college offer self-financed Programs?

Yes No

If yes how many? :

14. New programs introduced in the college during the last five years if any?

Yes No

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programs. Similarly, do not list the departments offering common compulsory subjects for all the programs Like English, regional languages etc.)

Faculty	Departments	UG	PG	Research
Arts	Economics	✓	-----	-----
	English	✓	✓	-----
	Hindi	✓	-----	-----
	History	✓	✓	-----
	Political Science	✓	-----	-----
	Sanskrit	✓	✓	-----
	Sociology	✓	-----	-----
Commerce	Commerce	✓	-----	-----
Mathematical Sciences	Mathematics	✓	✓	-----
	Statistics	✓	✓	-----
Science	Biochemistry	✓	-----	-----
	Botany	✓	✓	-----
	Chemistry	✓	✓	-----
	Electronics	✓	-----	-----
	Physics	✓	✓	-----
	Zoology	✓	✓	-----

16. Number of Programs offered under (Program means a degree course like B.A., B.Sc., M.A., M.Com.....)

a. annual system:

b. semester system:

c. trimester system:

29

17. Number of Programs with

a. Choice Based Credit System: 20 (First semester of all the UG

courses in the college
are in CBCS mode)

- b. Inter/Multidisciplinary Approach:** 20 (UG Courses) and 08 PG Courses
are of Interdisciplinary approach
- c. Any other (specify and provide details):** N.A.

18. Does the college offer UG and/ or PG programs in Teacher Education?

Yes No

If yes,

- a. Year of Introduction of the program(s) (dd/mm/yyyy):** N.A.
and number of batches that completed the program
- b. NCTE recognition details (If applicable):** N.A.
- **Notification No.:** N.A.
 - **Date: (dd/mm/yyyy):** N.A.
 - **Validity:** N.A.

d. Is the institution opting for assessment and accreditation of Teacher Education program separately?

Yes No

19. Does the college offer UG or PG program in Physical Education?

Yes No

If yes,

- a. Year of Introduction of the program(s) (dd/mm/yyyy):** N.A.
and number of batches that completed the program
- b. NCTE recognition details (If applicable):** N.A.
- **Notification No.:** N.A.
 - **Date: (dd/mm/yyyy):** N.A.
 - **Validity:** N.A.

c. Is the institution opting for assessment and accreditation of Physical Education program separately?

Yes No

**20. Number of teaching and non-teaching positions in the Institution:
(as on 20-10-2015)**

Positions	Teaching faculty						Non-teaching staff (excluding Hostel)	Technical Staff		Hostel Staff		
	Professor		Associate Professor		Assistant Professor			*M	*F	*M	*F	
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F		
Sanctioned by the UGC/	NA	NA	NA	NA	179		46		92		02 (All other services are	

University/ State Govt.											out-sourced)	
Recruited	0	0	0	0	50 01 ♥ 31 ♣ 05 *	61 01 ♥ 32 ♣ 09 *	19 15 #	04 05 #	37 02 #	05 01 #	01	01
Yet to Recruit	---	---	---	---	68		23		50			
Sanctioned by the Managem ent/ society or other authorized bodies	NA	NA	NA	NA	NA	NA	---	---	---	---	---	---
Recruited	0	0	0	0	0	0	0	0	0	0		
Yet to Recruit	---	---	---	---	---	---	---	---	---	---	---	---

- Principal: Separate post, not counted in above written Assistant Professors number.
- Out of 111 faculty members (50-M & 61- F), majority of them are promoted to Associate Professor under various schemes of DU.

*M-Male, *F-Female, ♥-Temporary, ♣Ad hoc, *Guest Teachers and #
Contractual Appointment (Non-Teaching)

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers: 111							
D.Sc./D.Litt.	NA	NA	---	02	--	--	02
Ph.D.	NA	NA	30	38	12	10	90
M.Phil.	NA	NA	01	04	04	03	12
PG	NA	NA	01	03	02	---	06
Temporary teachers: 02							
Ph.D.	---	---	---	01	---	---	01
M.Phil.	---	---	---	01	---	---	01
PG	---	---	---	---	---	---	---
Ad hoc teachers: 62							
Ph.D.	---	---	---	---	13	16	29
M.Phil.	---	---	---	---	06	09	15
PG	---	---	---	---	12	06	18
Guest teachers/ Contractual Teachers/ Counselor: 26							
Ph.D.	---	---	---	---	04 + 01 Medical	07	11

					Officer		
M.Phil.	---	---	---	---	02	04	06
PG	---	---	---	---	04	05	09

22. Number of Visiting Faculty/ Guest Faculty engaged with the College: 26

23. Furnish the number of the students admitted to the college during the last four academic years:

Categories	Year 1 2012-13		Year 2 2013-14		Year 3 2014-15		Year 4 2015-16	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	86	83	125	55	174	76	145	51
ST	43	27	28	20	55	22	38	25
OBC	177	93	216	68	319	121	230	121
General	352	438	291	358	400	447	474	478
PH & VH	16	04	09	03	16	08	13	05
Others	57	34	61	32	53	35	56	37
Total	731	679	730	536	1017	709	956	717

24. Details on students enrollment in the college during the current academic year i.e. 2015-16:

Type of students	UG	PG	Total
Students from the same state where the college is located	584	104	688
Students from other states of India	833	146	979
NRI students	--	--	--
Foreign students	06	0	06
Total	1423	250	1673

25. Dropout rate in UG and PG (average of the last two batches): Negligible

UG:

PG:

26. Unit Cost of Education:

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

• including the salary component:

Rs. 101569.0 p.

• excluding the salary component :

Rs. 14919.0

27. Does the college offer any program/s in distance education mode (DEP)?

Yes

No



If yes,

(a) Is it a registered centre for offering distance education programs of another University:

Yes No

(b) Name of the University which has granted such registration:

N. A.

(c) Number of programs offered: N. A.

(c) Programs carry the recognition of the Distance Education Council.

Yes No

28. Provide Teacher-student ratio for each of the program/ course offered: (as on 20-10-2015)

S. No.	Name of the Program/ Course	No. of Students			Total	No. of Teachers	Ratio
		Part I	Part 2	Part 3			
1.	B.Sc. (H) Biochemistry	36	38	29	103	12	1: 09
2.	B.Sc. (H) Botany	43	34	41	118	11	1: 11
3.	B.Sc. (H) Chemistry	72	68	84	224	18	1: 13
4.	B.Com. (Hons)	97	57	135	289	14	1: 21
5.	B.A. (Hons) Economics	81	63	72	216	09	1: 24
6.	B.Sc. (H) Electronics	42	50	38	130	09	1: 15
7.	B.A. (Hons) English	75	42	48	165	13	1: 13
8.	B.A. (Hons) Hindi	62	70	55	187	12	1: 16
9.	B.A. (Hons) History	99	37	63	199	09	1: 22
10.	B.Sc. (H) Mathematics	101	162	81	344	15 + 04 GT	1: 23
11.	B.Sc. (H) Physics	72	78	31	181	09 + 01 GT	1: 23
12.	B.A. (Hons) Political Science	75	58	74	207	07 + 01 GT	1: 22
13.	B.A. (Hons) Sanskrit	52	43	12	107	04	1: 27
14.	B.A. (Hons) Sociology	64	46	31	141	06 + 02 GT	1: 24
15.	B.Sc. (H) Statistics	37	70	43	158	09 + 03 GT	1: 17
16.	B.Sc. (H) Zoology	26	33	38	97	13 + 03 GT	1: 08
Total		1034	949	875	2866	170 + 14 GT	1: 17

- Ratio is based on the actual number of teachers as on 20-10-2015, excluding Guest Teachers.
- In B.A. Program, B.Com. Program, B.Sc. (H) Biological Science and B.Sc. Life Science, there is no direct recruitment of teachers.
- The Teacher-Student ratio of common compulsory subject courses, as mentioned above and teaching to the other departments is mentioned in ERD of all departments.
- The M.A. students are counted for the purpose of ratio in English, History & Sanskrit departments, as tutorial classes are in the college, as per DU rules; while no tutorial or practical classes are conducted in college for M.Sc. courses.

29. Is the college applying for

Accreditation: Cycle1 Cycle 2 Cycle3 Cycle 4

Re-Assessment:

(Cycle1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only): NA

Cycle 1:	N.A.	Accreditation Outcome/ Result -----
Cycle 2:	N.A.	Accreditation Outcome/ Result -----
Cycle 3:	N.A.	Accreditation Outcome/ Result -----

**Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*

31. Number of working days during the last academic year:

32. Number of teaching days during the last academic year:

(Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC) IQAC (dd/mm/yyyy)

IQAC will be formed in the coming Staff Council Meeting, probably in February or March 2016.

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i)	(dd/mm/yyyy):	N.A.
AQAR (ii)	(dd/mm/yyyy):	N.A.
AQAR (iii)	(dd/mm/yyyy):	N.A.
AQAR (iv)	(dd/mm/yyyy):	N.A.

35. Any other relevant data (not covered above) the college would like to include.(Do not include explanatory/ descriptive information)

- Temple
- ICT Centre – 05 labs, fully air conditioned with firefighting system, acoustics, digital board, CCTV enabled.
- Museums – Botany and Zoology
- 20 Laboratories for Science and Statistics Courses
- 09 Research Labs
- Principal’s room fully air conditioned
- Vice Principal and Bursar Room fully air conditioned
- Administrative Block – Academic Section and Accounts Section fully air conditioned
- Teaching Staff Lounge with tea club fully air conditioned
- 16 Departmental Rooms
- Library in two floors (under renovation)
- Exhibition Foyer
- Medical Room
- Placement Cell Room
- Girls’ Common Room
- Students Activity Area
- Students’ Union Room
- Botanical Garden
- Care taker’s Office
- Guard Room
- SC/ST Cell
- CCTV Security System



SRI VENKATESWARA COLLEGE

**CRITERION I
CURRICULAR ASPECTS**

CRITERION I: CURRICULAR ASPECTS

1.1: Curricular Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Promoting the cause of education, embedded with Indian culture and traditions, liberated in views and ideas with spirited vision of an individual, Tirumala Tirupati Devasthanams, Tirupati, Andhra Pradesh laid the foundation stone of Sri Venkateswara College at New Delhi.

Vision:

- ✚ Investment in education must be regarded as one of the highest form of charity.
- ✚ To get rid of the misleading ideas of secularism, which people know irreligion or godlessness.
- ✚ God makes no distinction among his worshippers, therefore to have a college in the name of Sri Venkateswara in the capital of India will flourish and develop this concept of secularism, where each and everybody of different faiths will be tolerant and respect mutually.
- ✚ To cater to the educational needs of students by maintaining their own culture and emphasizing the need of modern education.
- ✚ To preserve the values of Vedic wisdom at one end and simultaneously emphasizing the modern scientific knowledge and techniques on the other in terms of pure, applied, mathematical and social sciences etc.. In essence, the vision is – ज्ञानं विज्ञानसहितम् (*jñānam vijñāna sahitam* – self-realization through realized knowledge)

To translate the vision into reality, the following have been elucidated as the mission statement of the college –

Mission:

- ✚ To nurture truthfulness in an individual, the college marked its journey with the motto from upaniṣad – ‘सत्यान्न प्रमदितव्यम्’ (*satyât na pramaditvyam* - Do not deviate yourself from truth).
- ✚ Growth and pursuit of excellence on the bedrock of truthfulness.
- ✚ Body, Mind and the Spirit, all three should be adequately, proportionately develop in a balanced way and manner.

The following have been resolved objectives depicting the vision and mission of the college:

Objectives:

- ✚ Knowledge with human values.

- ✚ Scientific temper and progress with ethical values.
- ✚ Competitive spirit with mutual respect and trust.
- ✚ Social dynamism with cultural sensitivity and tolerance.
- ✚ Leadership with the sense of equality and social justice.
- ✚ Economic and commercial success with skill development but with honesty and morality.
- ✚ Sportive spirit to face the challenges of life with positivity.
- ✚ Appreciation for humanity, creativity, commitment, innovative research and ideas.

The college strives hard to translate the above objectives into a reality by imparting knowledge through formal and informal education, sports and cultural meets, research and community services with expectations, hopes and aspirations of young generation of this challenging modern global world.

The vision, mission and objectives of the college are communicated to the faculty (teaching & non- teaching), students and other stakeholders through:

- ✚ College Prospectus/ Information Bulletin
- ✚ College website
- ✚ Orientation programs organized by college for all stakeholders and followed by small groups i.e. by departments, where the student got admission.
- ✚ Moreover, students can take guidance from their tutors, which college arrange for all papers at the time of the preparation of time table and coordinators of different committees.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

SVC is a constituent college of DU and follows the curriculum developed by the University. It deploys a number of action plans for its effective implementation at various levels:

- ✚ After the communication received by the University to the Principal of the college, Principal communicates the syllabi and other guidelines to the respective departments as well as upload on the college website.
- ✚ Staff Council and other departmental committees determine the work load, recommend recruitments and prepare the necessary infrastructural and IT resources (soft wares etc.) lists.
- ✚ Time Table committee prepares the Time tables for all the departments taking into view the infrastructural and laboratory needs. The time table approved by the committee and by the Principal, is uploaded on the college website and communicated to the Teacher-in-charge of the various departments.
- ✚ Teachers' strength and area of specialization is kept into mind, while allocating the papers to be taught in a particular semester.
- ✚ Evaluation of the student is strictly monitored on weekly basis by arranging tutorials, discussions and class tests. Monthly attendance of the students and

internal assessment marks, are uploaded on the college website at the end of the semester. Departmental and Central Internal Assessment Committees address the grievances of the stakeholders also.

- ✚ This year i.e. in 2015-16, college formed an *Academic Standard Committee* also, to keep strict vigil regarding the academic grievances and the standard of curriculum implementation.
- ✚ To enhance the knowledge, college encourages practical aspect also. The departments arrange educational tours and excursions, talks and discussions, seminars & conferences, workshops and film screening etc. to supplement and complement the prescribed syllabus. Few examples are as follows:

✚ **Table – 1.1:**

Department	Place visited	Date	Purpose
Botany	Kangra Herbal Institute, Dharmasala, Himachal Pradesh	September 2012	To enhance the knowledge of medicinal plants and Ayurveda
Economics	South Eastern University of Sri Lanka, Oluvil	25-27 May 2012	For presentation on human development and Indian culture
English	Balaji Temple, Bangla Saheb Gurudwara, Nizamuddin & Sacred Heart Cathedral, New Delhi	2012	Sadbhavāna Tour
Physics	Udaipur Solar Observatory (Ahmedabad)	2013-14	Lab visit for Solar Astrophysics
Sanskrit	Sri Venkateswara Temple, Birla Temple ISKON & Akshara Dham, Delhi	23 rd December 2014	To enhance the knowledge of Vastu-sastra and Bhagvat Sampradaya.

For further detail: see point no. 24, 25 & 32 in ERD of all departments.

1.1.3 What type of support (procedural and practical) do the teachers receive from the University and/ or institution) for effectively translating the curriculum and improving teaching practices?

Procedural Support from University:

- ✚ The syllabus is prepared by the respective departments of the DU.
- ✚ The departments take inputs from all the college teachers by inviting their subject representatives.
- ✚ The DU also evaluates the effective implication of the syllabus, therefore from designing to implementation, college teachers equally participate and get all kind of support.
- ✚ DU provides proper guidelines for teaching methods, number of lectures required for that specific course, tutorial and practical classes etc.
- ✚ Internal Assessment rules framed and amended by the DU from time to time.

- ✚ For any kind of problem and grievance in an implementation of any course, DU officials and Head of the Department of that subject address to that problem.
- ✚ DU also helps in the setting of question papers and evaluation of answer scripts.
- ✚ From the last three years DU encouraged the college teachers and students for innovative projects and helps them financially too.
- ✚ The University departments organize Workshops, Orientation and Refresher Courses from time to time to upgrade the teaching methodologies and the latest researches in that field for their teachers.

Practical Support from University:

- ✚ At the implementation of FYUP, DU provided course manuals, E-books and software/s for Foundation Courses.
- ✚ E-lessons and MCQ are available on DU website and ILLD portal.
- ✚ DU provided the facility of Intranet in SVC and bears the expenses of its cost and installation.
- ✚ Around 1000 Lap tops and 25 LCD Projectors are provided by DU to promote teaching and learning through IT.
- ✚ Today, our college has NKN and can conduct Pilot Virtual Classes in the campus.

Procedural Support from College for effectively translating the curriculum and improving teaching practices:

- ✚ All rules, regulations and communication received from the University, is further communicated by the Principal via e-mail. Important notices for faculty are uploaded on college website as well as on the staff room notice boards.
- ✚ Special orientation programs are arranged by the faculty members for main courses, interdisciplinary subjects and language options to enable the students for their interest and choices.
- ✚ Principal as Chair-person conducts meetings with all the departments separately for pedagogic practices, result analysis and other methods for the improvement of academic atmosphere.
- ✚ Duty leave is granted to attend seminars, workshops and refresher courses.
- ✚ Sabbatical leave is sanctioned to write books and other research projects.
- ✚ Teachers are motivated to learn new skills and experiment the new teaching pedagogies.
- ✚ In 2014, by issuing the Appreciation Certificates for Inter College Cultural Festival – ‘Antardhvani’ by the Principal, teachers feel encouraged for team spirit and project works.

Infrastructural Support from College for effectively translating the curriculum and improving teaching practices:

- ✚ Around 09 class rooms (90 seats) and 10 class rooms (60 seats) are equipped with LCD Projectors.
- ✚ The college campus is Wi-Fi enabled.
- ✚ Well maintained Laboratories with latest equipment for science students are as follows:
 - Biochemistry & Biotechnology – 03 (25 seats each)
 - Botany – 02 (25 + 35 seats)
 - Chemistry – 04 (40 + 50 + 30 + 30 seats)
 - Electronics – 02 (40 seats)
 - Physics – 03 (40 + 20 + 15 seats)
 - Zoology – 02 (25 + 35 seats)
 - Biological Science – 02 (30 seats each)
 - Bioinformatics – 01 (17 seats)
 - Computer – 05 (40 seats each)
 - Statistics – 01 (40 seats) (For further details – see criterion - IV)
- ✚ Each department has one lap top for lecture preparation and presentation.
- ✚ The laboratories and library is connected to DU for easy access of reputed e-books, journals and magazines.
- ✚ A well stock library, continuously updates its collection by purchasing new arrivals and latest editions of books etc. recommended by the faculty members.
- ✚ A small space is provided to each faculty member in departmental staff rooms for lecture preparation and to interact with the students.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

- ✚ Details are at 1.1.2 above.
- ✚ Additionally, the college has employed some System and Network Administrators on contractual basis for effective running of e-system of the college.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the University in effective operationalization of the curriculum?

- ✚ SVC has a rich network of eminent academicians, industrialists, scientists and corporate executives which it has achieved over the years through its continuous interaction in the form of lectures, seminars, workshops organized in the college premises from time to time.
- ✚ The SVC believes that the concepts discussed in the classroom can be strengthened by the talk and lectures delivered by experts in the respective field of eminence. (For detail, see point no. 24, ERD of all departments)
- ✚ The DU organizes career fairs with placement agencies, in which college encourage the students to participate in it.

- ✚ The college has a very active *Entrepreneurship Development* and a *Placement Cell*, which coordinates with prospective external agencies/ industries/ companies and add to the employability of students through different workshops. Annual presence of the major companies like LG, IBM, Provitti etc. provides the placement opportunities to the students. As a result, students get good financial support and a platform to showcase their talent.
- ✚ In collaboration with ENACTUS, a NGO engaged in the promotion of entrepreneurial activities amidst students. The college has a number of student entrepreneurship projects which are regularly mentored. Field trips are organized to different corporations and information relating to their demand for skills is taken stock of.
- ✚ The placement cell acts as a link between students, alumni and the work place. Indeed, the alumni of our college have been an immense source of strength towards furthering and supporting our efforts in placement.
- ✚ The college runs the Diploma and Add on Courses like TTM, Bioinformatics, PG Diploma in Molecular Biology, which can be more useful for employment purpose.
- ✚ SVC encourages the students to participate in the DU project of ‘Learning on Wheels’ i.e. Gyanodaya Express. Every year, after the notification from DU, the college students submit proposals and selected by a selection committee to avail this opportunity.
- ✚ From the last three years, our college participated in the Annual University festival – ‘Antardhvani’ to showcase the best practices, innovative ideas and achievements of the institution.
- ✚ Principal attends all the meetings for curriculum development (CBCS/ FYUP) and evaluation processes regularly, in which broad guidelines of Curriculum are discussed and amended from time to time.
- ✚ Student and staff are invited to interact with Vice Chancellor on line and to listen the lecture, delivered by Shri Pranab Mukherjee, Hon’ble President of Indian Republic through NKN.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University? (number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.).

Contributions of the institution and/ or its staff members to the development of the curriculum:

- ✚ The faculty members actively participate in the curriculum development. The following members designed the courses at undergraduate and post graduate level.

Table 1.2: Faculty involved in Developing Syllabus/ Course Content/ Curriculum at DU

Faculty Name	Department	Paper/ Course	Year
Dr. P. Hemalatha Reddy	Principal	Core Committee member of FYUP	2013
		Core Committee member of CBCS	2015
Dr. N. Latha	Biochemistry	Member in CBCS Committee	2015
Dr. Meenakshi Kuhar	Biochemistry	Member in CBCS Committee	2015
Dr. Punita Sharma	Sanskrit	Annual Mode: (OC) Jyotisa Option	1995, 2003
		TYUP: Self-Management in Gita Indian Mathematics & Astronomy	2009
		CBCS: Indian Scientific Heritage Fundamentals of Ayurveda Self- Management in Gita	2015
Dr. Geeta Jayaram Sodhi	Sociology	Industrial Sociology	2010 (TYUP) & 2012 (FYUP)
Mr. Subhas Mohapatra	Sociology	Social Stratification, Agrarian Sociology & Sociology of Gender	2012
Dr. Abhijit Kundu	Sociology	Sociological Thinkers I & II and Political Sociology	2010-15
Dr. Padma Priyadarshini	Sociology	Environmental Sociology & Methods of Sociological Enquiry	2013
Dr. Mrityunjay Kumar Yadavendu	Sociology	Rural Sociology & Sociology of War and Violence	2015
Dr. B.R. Gupta	Statistics	Member in TYUP Syllabus	2011 - 13
Dr. M.V.R. Prasada Rao	Statistics	Member in TYUP Syllabus	2012-14
Dr. M.K. Shukla	Statistics	Member in TYUP Syllabus	2011-13

✚ Some of the faculty members are the Members/ Experts in Departmental Research Committees.

Table 1.3: Faculty as a Member of Research Studies at DU

Faculty Name	Department	Year
Dr. R.P. Singh	Chemistry	
Dr. Punita Sharma	Sanskrit	2008 – 10
Dr. Archana Bansal	Statistics	2010 -12
Dr. B.R. Gupta	Statistics	2014- till date
Dr. M.V.R. Prasada Rao	Statistics	2012-14

- ✚ The college conducted the UGC funded remedial classes for those students, who require them. The college designed the curriculum for these classes also.
- ✚ The following faculty members engaged in developing the study material in the form of text books, edited anthologies, audio/video lectures and MCQ.

Table 1.4: Faculty: Developing the Study Material at DU

Faculty Name	Department	Course Content	Book/ E-Content	Published by & Year
Dr. N. Latha	Biochemistry	Applications of Bioinformatics	Under Virtual Learning Environment for UG	ILLL, DU 2013
Dr. Aarati Saxena	Botany	Introduction to Archegoniatae	E-lessons	ILLL, DU
Dr. Sunila Khurana	Botany	Introduction to Algae	E-lessons	ILLL, DU
Dr. Sunila Khurana & Dr. Heikhem Evelin		Introduction to Bryophytes		
Dr. Pooja Gokhale Sinha & Dr. Ajit K. Kavathekar	Botany	Morphology of Plants	E-lessons	ILLL, DU 2014
		Cambium		
Dr. Shruti Mathur	Commerce	Corporate Law titled – ‘Share Capital’	E-lesson for B.Com. (H)	ILLL, DU 2010
		Corporate Law titled – ‘Emerging Issues in Company Law’		
Dr. Punita Sharma	Sanskrit	Niti-satakam – Acarya Bhartrhari	B.A. (Prog.) I Year	School of Open Learning, 2007
		MCQ Reviewer	B.A. (H) Sanskrit	ILLL, DU 2009

Feed Back of Staff and Students on the curriculum:

- ✚ The feedback system from the stake holders was initiated from 2010, as it was mandatory requirement of the funding agency DBT, for the evaluation procedure of the status STAR COLLEGE.
- ✚ The feedback system took proper shape at the introduction of FYUP. Though some of the teachers and the departments were already taking the feedback from the students but it was not so systematic.
- ✚ Now, ASC has designed a feedback form to assess the teachers and teaching programs (curriculum and other factors like infrastructure etc.), and it is compulsory to fill by all the students. ASC scrutinize the academic standard of the college, advises and address the students, in case of any problem. Teacher and student both are equally accountable from each and every aspect in SVC.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating University) by it? If yes, give

details on the process ('Needs assessment', design, development and planning) and the courses for which the curriculum has been developed.

- + SVC is the only college which offers B.Sc. (Hons) Biological Science to the undergraduate students. This course is designed by our college teachers, in consultation with the Advisory Committee and Course Committee of the DU. The committee revise this course from time to time as per the need, to include new researches and innovations in that particular field.
- + The SVC designed the following vocational courses exclusively, and revision, amendments are also done by our experienced faculty members:
 - PG diploma in Molecular and Biochemical Technology
 - Bioinformatics
 - Tourism and Travel Management

1.1.8 How does institution analyses/ensure that the stated objectives of curriculum are achieved in the course of implementation?

- + There is no formal system as such in the college to analyze the curriculum, as it does not come under the purview of college authorities. The institution is bound to teach those papers which are approved by the AC and EC at DU.
- + But once, the curriculum is implemented in the college, the ASC monitors the success of that curriculum implementation. Principal and ASC ensures that the Academic Calendar, declared at the beginning of semester should strictly be followed by all departments.
- + The departmental committees analyze the paper wise result of the students and compare that result with other colleges too. This helps the faculty to improve their pedagogical skills in that particular paper.
- + The teachers in the contact classes address the problems faced by the students in curriculum and advise them extra readings and e-resources for more clarification in that subject.
- + At the beginning and end of the semester, Principal with the help of ASC analyze the feedback forms, point out the problems, discuss it with committee members and tries to find out the best solutions, later, that solution is communicated to all the faculty members as well as to the Head of Departments at DU, if necessary.

1.2: Academic Flexibility

1.2.1 Specifying the goals and objectives give details of the certificate/ diploma/ Skill development courses etc. offered by the institution.

- + SVC believes in the academic flexibility in catering the subject options and choices to the students.
- + Introduction of Vocational courses, enhance the opportunities for jobs and employment to the students. PGMBT caters the demand as laboratory professionals and the growing biopharmaceutical industry, TTM is for tourism

industry and language courses open the great avenues as translators, journalists and media professionals.

Following Add on/ Certificate/ Skill development courses are offered by the college:

- ✚ Three Vocational Courses, out of which PGMBT is a Diploma course - as cited in 1.1.7
 - Certificate Course in German Language

1.2.2 Does the institution offer programs that facilitate twin degree? If yes, give details.

No such provisions exist in the ordinances of DU.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

Range of Core/ Elective options offered by the University and those opted by the college:

The college offers following Core options to its undergraduate students for the award of Bachelor with Honours/ Programme Degree in a semester system: (All names are listed alphabetically)

- ✚ B.A. Programme
- ✚ B.Sc. Life Science
- ✚ Commerce: Hons. & Programme
- ✚ Humanities: Economics, English, Hindi, History, Political Science, Sanskrit and Sociology
- ✚ Sciences: Biochemistry, Biological Science, Botany, Chemistry, Electronics, Mathematics, Physics, Statistics and Zoology

The college offers Post Graduate courses in the following subjects:

- ✚ Humanities: English, History and Sanskrit
- ✚ Sciences: Botany, Chemistry, Mathematics, Physics, Statistics and Zoology.

The above mentioned UG programs have various options and course choices, which promotes the academic flexibility for students progression and improve their skills for employment. For example:

Two Language Courses:

In B.A. (Program), all students have to study two languages compulsorily except northeast and foreign students. College offers five languages for their choice: English, Hindi, Sanskrit, Tamil and Telugu.

All above mentioned five languages can be studied as Qualifying or Credit language in B.A. (Hons.)

Inter Disciplinary Credit Courses (IDCC) for second year students (TYUP):

One IDCC to be chosen out of the following in B.A. (Hons):

- Environmental Issues in India
- Gender and Society
- Hindi Language, Literature and Culture
- Individual and Society
- Mathematical Awareness
- Nationalism and Indian Literature &
- Reading Gandhi

Discipline Centered Courses for second year students (TYUP):

Two DCC have to be chosen out of the following in B.A. (Hons):

- Citizenship in the Globalizing World
- Delhi Medieval
- Language, Literature and Culture (Hindi)
- Linear Algebra [for Economics (H) only]
- Mathematics [other than Economics (H)]
- Modern Literature (English)
- Principals of Economics
- Sanskrit Literature

✚ Two allied courses have to be chosen under the *Erstwhile FYUP 2013* scheme in III & IV semester, presently applicable to the students of 3rd year. In Humanities Group, the departments offered their papers to the students of other disciplines, but in Commerce and Sciences, the papers were already decided by the DU Course Committee. The options offered by various departments were as follows:

✚ **Table 1.5: Subject & Course Options under Erstwhile FYUP 2013 Scheme**

Department	Allied Course Papers Offered	
	1	2
HUMANITIES		
Economics	Introductory Economics	Development Economics
English	Individual and Society	Cultural Diversity
Hindi	आधुनिक कविता	हिन्दी कथा साहित्य (उपन्यास और

		कहानी)
History	History of India – I (up to c. 300 B.C.)	History of India – II (c. 300 B.C to eighth century)
Mathematics	Calculus	Linear Algebra
Political Science	Understanding Ambedkar	Gandhi and the Contemporary World
Sanskrit	Aesthetics and Indian Theatre	Social Issues and Economic Institutions
Sociology	Introducing Sociology	Sociology of Contemporary India
COMMERCE		
B. Com (H)	Macroeconomic Theory and Applications	Indian Economy
SCIENCES		
Biochemistry (H)	Conceptual Organic Chemistry	Thermodynamics, Equilibrium in Chemistry & Electrochemistry
Botany (H)	Molecules of Life	Evolutionary Biology
Chemistry (H)	Calculus	Electricity and Magnetism
Electronics (H)	Chemical Bonding	Electricity and Magnetism
Mathematics (H)	Inventory and Production Management	Network Models and Project Scheduling
Physics (H)	Real Analysis	Chemical Bonding
Statistics (H)	Inventory and Production Management	Optimization Techniques
Zoology (H)	Conceptual Organic Chemistry	Economic Botany and Plant Biotechnology

Choice Based Credit System and range of subject options:

✚ This year i.e. in 2015, students took admissions under the new CBCS scheme, which provides maximum flexibility in subject and paper choices. This is the first batch of CBCS, except two compulsory core papers the college offers free choice in Generic Elective to the first semester students. Out of the following papers, student has to opt one:

- Biochemistry: Proteins and Enzymes
- Botany: Biodiversity (Microbes, Algae, Fungi and Archegoniate)
- Chemistry: Atomic Structure bonding, General Organic Chemistry & Aliphatic Hydrocarbons
- Commerce: Insurance and Risk Management
- Economics: Introductory Microeconomics-Economics-I
- Electronics: Electric Circuits and PCB Designing
- English: Language, Literature and Culture
- Hindi: लोकप्रिय साहित्य
- History: Environmental Issues in India
- Mathematics: Calculus

- Physics: Electricity and Magnetism
 - Political Science: United Nations and Global Conflicts
 - Sanskrit: Indian Culture and Social Issues
 - Sociology: Indian Society: Images and Realities
 - Statistics: Statistical Methods
 - Tamil: Practical Translation of Knowledge based Text books and Documents
 - Telugu: Practical Translation of Knowledge based Text books and Documents
 - Zoology: Insect Vectors and Diseases
- ✚ The B.A. Program course also gives flexibility in choosing the subjects. In this course, a student has to choose four papers in each semester: Two languages and two disciplines.
- The college provides five languages English, Hindi, Sanskrit, Tamil and Telugu for choosing two out of them.
 - All the departments of humanities, Mathematics and Statistics offer their subject as discipline course to B.A. Program. The options are: English, Hindi, Sanskrit, Tamil, Telugu, Economics, History, Sociology, Political Science, Mathematics and Statistics

✚ **Compulsory Course in Environment Studies:**

The DU has introduced a compulsory course in Environment Studies under FYUP program in 2013. It was a noncredit qualifying course, which opens multiple dimensions and methodologies to the protection of environment, in which we live. In new CBCS, it is again a compulsory course but credited one.

Course offered in modular form:

Not Applicable.

Credit transfer and accumulation facility:

As there is no direction and permission from the DU, therefore, college does not offer such kind of facility.

Lateral and vertical mobility within and across programs and courses:

On the completion of Bachelor's degree, students are free to explore the further avenues as Post Graduation, professional courses, diploma courses etc. but switching from one course to the other is not possible. After taking admission in a particular course, student is supposed to continue that particular course only. The flexibility is extremely limited in DU, due to the rigid policy of admission, based on the score of class XII. Students have limited chances, to change the optional papers within their chosen course.

Enrichment Courses:

DU does not offer any kind of Enrichment Course, but college enrich the student within the framework of prescribed course with discussions, talks, lectures, students' participation in quizzes, literary meets and in science fares etc. (For detail see criterion no. V)

1.2.4 Does the institution offer self-financed programs? If 'yes', list them and indicate how they differ from other programs, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

- ✚ The college runs four self-financed courses:
 - Certificate Course in German Language
 - Diploma Course in German Language
 - Tourism and Travel Management
 - Bioinformatics and Computational Biology
- ✚ In all the mentioned courses, college makes a committee who advertise the admission notice duly signed and approved by the Principal. Interested students apply either on line or off line. Applications are scrutinized by the members of the committee and selected candidates are interviewed for selection. The selected candidates pay fee at the college counter. This fee is revised from time to time as per the requirement. Faculty prepares the curriculum in consultation with the eminent scholars in that field.
- ✚ The appointment in these courses are done as per the UGC guidelines and honorarium paid to the visitor teachers as well as incidental expenses are covered through the same finance.
- ✚ At present three month add on course in Bioinformatics and Computational Biology (till 2011) for science students has been discontinued due to the introduction of the semester system, FYUP and then CBCS at the undergraduate level in the university, due to infrastructure problems.

1.2.5 Does the college provide additional skill oriented programs, relevant to regional and global employment markets? If 'yes', provide details of such programs and the beneficiaries.

- ✚ There is no separate course as Skill Oriented Program. From this year i.e. 2015, CBCS has introduced Ability Enhancement courses at UG level in all the disciplines. These courses will enhance the skill and employability of a student.
- ✚ As members of DU, our college students can avail opportunities at DU, ILLL and DU Computer Centre towards enhancing their skills in this regard. They are also encouraged to access the facilities provided through the mobile online courses offered by National Knowledge Consortium through www.nptel.ac.in.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice? If

‘yes’, how does the institution take advantage of such provisions for the benefit of students?

- ✚ The DU ordinances do not provide this kind of flexibility to the colleges to combine distance mode education with the conventional face-to-face classroom teaching. But, the students are free to access the e-lectures and other web material on DU portals of CIC and ILLL.
- ✚ In new scheme i.e. in CBCS, the rules and regulations of DU are more flexible and SVC has provided the maximum choices to the students, but within the college.
- ✚ For detail see 1.2.3

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University’s Curriculum to ensure that the academic programs and Institution’s goals and objectives are integrated?

The SVC has made several efforts to integrate the goals and objectives of the institution within the designed framework of academic curriculum. To have the balanced and overall personality development of the student, the college focus on the following points and meet the challenges in these directions:

- ✚ At academic level, almost all departments conduct several programs to empower their students and faculty members, such as seminars, lectures of eminent personalities, workshops etc. (For further detail see point no. 24 in ERD of all departments).
- ✚ The departments encourage the students for field trips, excursions, and visit to museum etc. to enrich their practical knowledge. (see Table 1.1)
- ✚ Faculty members fix some contact periods and tutorials to elaborate the concepts and to clear the doubts, within that lecture which is already delivered in the classroom. Mutual discussions in small groups benefit the student more.
- ✚ Exchange programs adopted by the college like UKEIRI and with other universities of Sri Lanka and Bhutan diversify the ideas of the students with broader vision. (For detail see 7.2.1)
- ✚ At co-curricular level, college provide ample opportunities to students and teachers to enrich and showcase their talent in literary meets, cultural programs, science exhibitions and fairs etc. (For detail, see point no. 25 & 32 in ERD of all departments).
- ✚ To meet the challenges of the global world, college encourages the students for entrepreneurship and other industry needs by promoting the courses TTM, Bioinformatics and PGMBT. (see 1.2.4)
- ✚ The well maintained Botanical Garden, Museums of Botany and Zoology attract the students more to the flora and fauna and its importance for human life.

- ✚ Sri Venkateswara Temple at the entrance of the college building, attracts ore to the students and compel them with free choice to bow their heads with reat reverence to the Almighty. Moreover, intensify their feelings for devotion nd dedication. The Annual Event on Śarad Pūrnimā caters the culture and religious aspect of Vedic rituals.
- ✚ Special drives run by the college like ‘Swacchatā Abhiyāna’, ‘Each One Teach One’, ‘Blood Donation’, ‘Sports Meet’ etc. creates the sense of responsibility among students, make them more responsible and tolerant towards society.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

SVC is very much aware of the employment market. The students are not only exceling well in studies but competing with the other students of various colleges in job market also. In this direction, college has designed the special measures, as follows:

- ✚ **Placement Cell:** A very vibrant and dynamic cell and more concerned towards the issues of students for job and employment, invite various companies in the college for students’ placements and apprenticeships. Many students get placements in the final year, even before their final examinations.
- ✚ Add on and Vocational Courses (see point no. 1.2.1 & 1.2.4)
- ✚ Promoting Cross Departmental Innovative Projects, funded by DU, the college creates new horizons in young mind and improve his/her vision and thinking. The student come out from the boundaries and limit of one discipline. (see Table - 08)
- ✚ Intra and Inter College literary and cultural competitions, exhibitions and symposium of sciences, trained the students to take challenges with competitive spirit and enrich the leadership quality in them to face the life.
- ✚ The Physical Education department organizes Intra and Inter College sports competitions and special coach for various sports events like Cricket, Tennis etc. opens various job employments in sports field.
- ✚ Daily class of Yoga in the morning at college campus, creates jobs as Yoga instructors and make the students well balanced to cope up, any kind of failure.
- ✚ In FYUP, the qualifying course IMBH also served the above purpose to the students, who are presently studying in 3rd year.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc. into the curriculum?

The SVC is dealing with cross cutting issues inside and outside the classroom also as:

Gender:

SVC is a co-educational institute, so the problem of gender etc. is not an important and a major issue for the college. Believing in equality, in nature and mankind, faculty treat the students equally, without any discrimination of boundaries - either geographical or gender based. But, as it is a burning social issue, college also takes this into consideration and worked successfully on some remedial measures, which are as follows:

- ✚ **Women Development Centre:** The college has a very committed WDC, which address the student sympathetically if any discrimination is noticed to any of the female colleague or student. Besides this, by conducting many awareness drives, Signature campaigns, panel discussion, lectures and talks, WDC sensitize the society towards the respect for women and equality in gender.
- ✚ **Mr. & Ms. Nexus Competition:** In Inter College Cultural Festival – ‘NEXUS’ the Mr. and Ms. Nexus is the most sought after event. Number of boys and girls from various colleges participate and share the same platform, which breaks the barrier of gender and show the feeling of equality. Both are judged by several rounds of questions and the winners are awarded.

Climate Change & Environmental Education:

Special awareness drives are organized from time to time in the college campus to address the issue of Climate Change. The environment conscious faculty and students believe in the co-existence of nature and man. Special efforts done by the college are as follows:

- ✚ UGC introduced a course ‘Environmental Studies’ is taken very seriously by teachers and students. In this course emphasis is given on the practical projects also.
- ✚ The department of Botany made an attempt to calculate their individual carbon footprint. A simple questionnaire helped them to realize - how they are contributing to global warming. They run special drives with the help of students to switch off the lights at day time and when your work is over, and no need of electricity. This ‘Save Electricity’ drive made the student more conscious for clean environment.
- ✚ The college has switch over to solar power energy and now powered by sunlight at the open space like ground, outside canteen etc. and in the hostel.
- ✚ Botanical Garden propagates the herbs and other medicinal plants by planting and nourishing them in the college garden and continues research on them.
- ✚ SVC refrains from using any chemical based fertilizers in college garden. Nutritional requirement of our plants are taken care by vermicomposting of the waste generated from our garden.
- ✚ History department also address the issue in teaching of the course ‘Environmental Issues in India’.

- ✚ Different colored and duly labeled dust bins for bio degradable and non-biodegradable waste are placed appropriately in the campus.
- ✚ A green campus with a special zone of undisturbed native vegetation proves that our commitment towards the environment is not only in our words but is clearly reflected in our actions as well.
- ✚ The college maintains a No smoking zone and strict vegetarian status within the college premises.
- ✚ An initiative was taken jointly by student and teachers to constitute an “Eco Club” in the college, which will address numerous environmental issues in a feasible and sustained manner. This step may have been a small effort but has surely left an impact among the students and the general public at large. The major activities of the eco-club include initiating a dialogue within the parameters of the subject and the content to create awareness about our environment and the negative impact of our activities on it.
- ✚ Recently, tree plantation has been done near the college auditorium.

Human Rights:

As already stated that the motto of SVC is taken from Upanisad, where everybody is treated with equal pride, therefore, the concept of Human Rights is not a very important issue for the college. Only to address this social issue of Human Rights, college has made an-

- ✚ **EOC** – Equal Opportunity Cell of the college address the issues of social discrimination e. g. equal rights to north east, minority and outstation students. They also monitor the discrimination of any kind with SC/ ST/ OBC/ PH and VH candidates.
- ✚ **Social Service Society** students often collaborate with **NGOs** and other such affiliated organizations from time to time and discuss the issues ranging from child labor to the plight of manual scavengers.
- ✚ A study was undertaken by the **Sociology Department** recently on the manual scavengers at Sulabh International.
- ✚ In case of any mischief regarding gender, defacement of the college walls etc. discrimination of any kind, destroying the college greenery and any other mischief, the **Proctorial committee** address that issue and may punish the student, if necessary.

ICT: see 1.2.5

1.3.4 What are the various value-added courses/enrichment programs offered to ensure holistic development of students?

As SVC is bound to implement the prescribes and approved syllabi of DU, therefore, college cannot offer any exclusive value added course except few papers of the Department of Sanskrit as – ‘Self-Management in Gita’, ‘Art of Balanced Living’ etc. Still, teaching the syllabi, teacher introduces the subject and

tries to cultivate some values and ethics into it. Very small practices done by the faculty members, change the whole scenario of the college:

Moral and Ethical Values:

- ✚ The above written papers of the department of Sanskrit are the part of CBCS scheme, the college gives free choice to opt these paper without any discrimination, hence tries to promote moral and ethical values in life.
- ✚ Simple practices of punctuality, humility, obedience and respect for elders are treated as fine qualities, not through course content but by simply following it in front of them, so that other should be compelled to copy that.
- ✚ Any kind of unruly behavior is discouraged and strictly dealt with. If required, the Proctorial Committee and the Anti-Ragging Cell maintain discipline in the college by punishing the student and staff member also.
- ✚ For inculcating the spirit of self-discipline, SVC encourages Yoga sessions and many times invite the prominent teachers of “Art of Living” to teach and participates in discussions with students. In 2014, **Department of Hindi** organized a lecture of Swami Shri Girishanndji Saraswati Maharaj, which was followed by Question –answer session. A film ‘Yogi vs. Bhogi’ was also screened by them.
- ✚ Not only this, the trust TTD is also concerned with the value based education and in 2013, **Dharma Pracāra Parishad** (a special wing of the TTD), funded for a seminar, which was organized by the **Department of Sanskrit**. All the departments of college participated and blessed by listening the concepts of modern science blended with ancient wisdom.

Employable and Life Skills: See point 1.3.2

Better Career Options:

While teaching in the class, the faculty members not only teach the prescribed topic but also judge the potential of the student and counsel him/ her for better career options. In a subject, which option has the growing needs in industry and market, which option is important as a research subject at foreign universities etc. is also discussed by the concerned teacher. Many times, our students after completing their graduation, switch over to other fields of and prove himself/ herself, the best. One such example is of Aditi Singh Sharma, who joined music industry, after her B.A. (H) Sociology and today she is a renowned play back singer, who has given hits in the films ‘Two States’ and ‘Dhoom 3’ etc. Multiple examples can be counted.

Community Orientation:

SVC believes in the Vedic ideal that pure academic orientation without any public welfare is considered as selfishness and sin. Veda says - ‘केवलाघो भवति केवलादी’ (*kevalâgho bhavati kevalâdi*) means ‘A miserly person, devoid of tendency to

serve others, earns money uselessly as a sinner, filling in only his own belly’. To inculcate the ancient wisdom into practice SVC focuses direct public welfare and helps the community. The important contributions are as follows:

- ✚ Academic research for public welfare - Tuberculosis Drugs Discovery, Immunology, Proteins, Radiation Physics etc. (for further details see 3.1.7)
- ✚ Projects with social harmony: Sadbhāvanā Tour (see 1.1.2).
- ✚ To value and appreciate the hardships faced by students coming from rural areas of disturbed places like Jammu and Kashmir. A trip has been organized by the department of Hindi to Jammu and Kashmir. It helps the students, who come from secure and affluent families to respect and accept their fellow students coming from economically and socially not so privileged areas. These endeavors make them socially responsible and accommodating individuals and better citizens.
- ✚ Creating sensitivity towards the issues and hardships of economically weaker sections. ‘Each One Teach One’ project initiated by the college students is a small effort in this direction. It includes teaching them free of cost and providing them books and stationery etc.
- ✚ College has a very vibrant society of ‘Nukkad Natak’ –‘Anubhuti’, which address the social issue very effectively and then translate that into street play for public attention and awareness.
- ✚ Also see point no. 1.3.3

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

- ✚ To test the success of curriculum, pedagogies etc. SVC believes in the principle of *methodological dualism*. It does not believe in a hierarchical distinction between faculty and students. On the contrary, it fosters an academic environment which believes in a two-way exchange between all the parties involved.
- ✚ To put this ideology in practice, SVC has both formal and informal feedback systems. At the formal level, it has a student feedback system where students give their feedback on course curriculum and teaching practices and the college administration sends formal letters to the parents/guardians of students who fall short of attendance etc. and parents/guardians are requested to give explanations for the same.
- ✚ At the informal level, the college administration often does a stock taking of different views regarding the courses in practice. For example in the Department of Sociology at DU, student representatives from every year are invited into departmental meetings to discuss and voice their opinions on issues pertaining to the department. At the college level, feedback forms are filled by the third year students at the end of every academic year. Their feedback, help teachers and administration to improvise and redesign the curriculum, and also enhance its effective implementation.
- ✚ Apart from this, SVC has an alumni association who are also woven into the functioning of the college and their views are taken into account while

framing policies related to the college. The institution as is evident believes in *empathetic understanding* where the distinction between the subject and the object is a blurred one.

1.3.6 How does the institution monitor and evaluates the quality of its enrichment programs?

- ✚ SVC believes in being reflexive as well as reflective in its approach towards pedagogical and curricular issues. *Critical self-introspection* has always been its ideal. Periodically, the institution monitors and evaluates lecture delivery and the programs in practice by assessing feedbacks from different stake holders.
- ✚ Before the inception of any new course, the faculty members of the concerned department introduce their respective course and discuss the career options with the students.
- ✚ Any new course or modification in the existing courses are discussed at length in departmental meetings and group discussions well represented by concerned faculty. The students are then encouraged to opt for any course of their liking.
- ✚ SVC administration by means of frequent meetings with the faculty tries to assess the situation and offers specific solutions to deal with the same. In essence, the objective is to ensure a democratic and participatory educational system which is self-introspective in nature.

1.4: Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

- ✚ Many of our teachers are involved in the process of curriculum development for UG and PG classes. (see table:1.2). The college teachers actively participate in DU and share their experiences regarding students' academic standard, subject and pedagogical problems faced by them for a particular course directly to the course committee members.
- ✚ SVC teachers also participate for the periodic revision of the curricula and syllabi. They can also suggest for updating the syllabus and making it in par with the universities abroad. College teachers are one of the defining strengths of the university.
- ✚ SVC faculty members also developed and contributed in course content material. (see table: 1.4)

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/ new programs?

The college has a formal mechanism to obtain the feedback from students,

teachers and stakeholders on the curriculum implemented:

- ✚ The feedback form prepared by the ASC address all the questions regarding teaching, curriculum and pedagogy. Feedback received from the students help the ASC to scrutinize the curricula and that analysis is sent to the respective department of the college as well as to the university.
- ✚ The faculty can also raise their voice in the staff council meetings for any difficulty and problem in course content and its delivery. Many times, the Chairperson of the staff council i.e. Principal communicates the comments to University for reviewing the curriculum.
- ✚ The faculty teachers can also address the problems directly to the parent department at DU.
- ✚ After taking the feedback from the college teachers, the HOD convene a meeting with course committee members with special invitees from colleges and discuss the matter. The final review and decision is communicated to the AC and EC. After approval, the amendment is sent to the concerned departments and the Principals of the college for communication to the concerned department.
- ✚ From time to time, the courses taught are scrutinized at an informal level also and new practices devised to initiate as well as sustain the students' interests in the same. SVC constantly monitored through informal student feedbacks on whether all the newly introduced courses fulfill their desired objectives and what steps can be taken to better the same.

Example: Last year (2014-15), an optional paper of Symbolic Logic was introduced as DCC in the college on the demand of students. Their eagerness to have that paper is seriously taken into account. After deliberations with various stakeholders the paper was introduced and has been well received by the subsequent batches of students.

1.4.3 How many new programs/ Courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programs?

- ✚ The last course is introduced in SVC is B. Sc. (Hons) Biological Sciences in 2008. No other course is initiated after that due to continuous change in university system and curriculum as annual to semester mode, Semester TYUP to FYUP and now CBCS.
- ✚ Presently, SVC is trying to work on the details of more add-on course like Data Analytics, Applied Bioscience Techniques, through the feedback which it has been received from its alumni now placed in different organizations. Discussions in this regard are at a preliminary stage.



SRI VENKATESWARA COLLEGE

**CRITERION II
TEACHING-LEARNING AND
EVALUATION**

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1: Student Enrolment and Profile

2.1.1 How does the College ensure publicity and transparency in the admission-process?

The admission process in SVC is highly transparent and is strictly based on the guidelines provided by the University of Delhi.

Publicity:

- ✚ The College publishes a Prospectus, which highlights the profile, achievements of the college, as well as its essence and vision. Besides providing an insight to the vibrant student life, this Information Bulletin also covers all rules and regulations regarding admission process.
- ✚ All relevant information of student life like admission procedure, courses available, infrastructural facilities at college, fee and scholarships, co-curricular activities and sports etc. are also notified.
- ✚ Publicity is ensured by updating the College profile on SVC website with a link to the University homepage.
- ✚ As the college has an on-campus hostel facility for girls and boys that is highly sought after. Therefore, a separate information bulletin is also published to provide detailed information on the hostel facilities, criteria for hostel admission and the rules governing them.
- ✚ The college runs a help desk to provide counseling to the students such that they can make informed choices.
- ✚ In line with the University guidelines, the college is free to organize open days at their end and to set up help lines and web based assistance.

Transparency:

- ✚ The College ensures transparency by strictly adhering to the rules and regulations laid down by the DU. Each application is processed and examined diligently at different level.
- ✚ SVC constitutes an admission committee in Staff Council, and that committee meets at the end of every list to determine cut-offs. The minutes of these meetings are duly recorded.
- ✚ Besides the above mentioned admission committee, the college ensures that an Admission Grievance Cell and a Cell for Special Categories Counseling is set up and publicized as per DU directives. The details of the Grievance Committee members including their contact numbers is put on the College website and on college notice board.
- ✚ For the admission under extra-curricular activities, an Extra- Curricular Activities (ECA) committee is also formed by staff council to set the guidelines for selection under different categories as dance, western music, drama, debate, etc.

- ✚ Staff Council appointed Sports Committee formulates guidelines, organizes trials and monitors the admission process for candidates seeking admission under the sports quota.
- ✚ Fair trials are ensured by the presence of external experts in the respective areas of Fine arts and Sports.
- ✚ Members of the EOC are present during the admission process to provide necessary assistance to these categories.
- ✚ Transparency is also ensured by updating the data of admitted students on the college website immediately. The same is compiled and sent to the DU for information within a week of last date of admission.
- ✚ The College also displays the updates on the information regarding availability of vacant seats in each category.
- ✚ Payment of fees, cancellation of admission and other information like change in any admission rule or policy is also on line in SVC.
- ✚ The admission process in all categories is monitored closely by the administration and scrutinized by the DU on a regular basis. Special.
- ✚ In the current academic year i.e. in 2015-16, special assistance has been taken from the forensic experts to scrutinize the fake certificates and documents.
- ✚ Admission Assistance Teams and monitoring committees set up by the DU visit the college throughout the admission process of and on for assistance to students and to monitor the admission procedure.

2.1.2. Explain in detail the criteria adopted and the process of admission (Ex. (i) Merit, (ii) Common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programs of the Institution.

- ✚ Admission for UG courses is done by the College within the framework of DU rules and regulations laid by the University, time to time. There is no interview/ written test is conducted for any of the course, offered by the college for admission. The admissions are purely on merit basis for all the categories.
- ✚ All Admissions are done on the basis of the marks scored by the applicants in the school leaving examinations recognised by the university falling within the cut-off marks applicable to different categories.
- ✚ The cut-offs of various courses are decided by the admission committee in consultation with the Principal and Teacher-in- charges of every department three days prior to the release of first cut- off list.
- ✚ Previous year's cut-offs are published in the Information Bulletin, displayed on the College website and noticeboard to guide the applicants in making an informed choice of subjects.
- ✚ ECA and Sports Committee (as mentioned in 2.1.1) set the guidelines for selection under different categories of fine arts and sports. These Committees scrutinize the applications received; select suitable applications based on the criteria set by the DU and followed by the committee members for discussion to make a final set of rules, hold trials / auditions leading to final selection of

candidates. These two central committees allocate the selected candidates to various Departments for admission. Thus the selection and allocation is based on a combination of both skill and merit.

- ✚ Admission to PG courses is done on the basis of merit (50%) and a written entrance examination (50%) conducted by the DU. College cannot admit the PG students directly as per the University rules. The college is bound to give admission to those candidates, who are selected by DU. The list of the selected candidates are sent to the Principal for information and necessary action.

2.1.3. Give the minimum and maximum percentage of marks for admission at entry level for each of the programs offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

The minimum and maximum percentage of marks for Admission at Entry Level: See Table: 02

2.1.4. Is there a mechanism in the institution to review the admission process and student profiles annually? If yes, what is the outcome of such an effort and how has it contributed to the improvement of the process?

- ✚ As the college is governed by DU and abide by the rules and regulations framed by the parent University therefore SVC cannot set their own admission criteria. But within the frame work of established rules the college departments have the autonomy for admission process. Upon the completion of admission procedure, the departments can submit report by writing their experiences faced at the time of admission and further amendments.
- ✚ The suggestions given by various departments can be discussed in the Staff Council.
- ✚ The Staff council of the college can review the admission policy each year, and may communicate the decision, forwarded by the Principal to the DU for further discussion and action.
- ✚ All the members of the admission committee and teacher-in-charges of the respective departments can review the admission process at the end of every list.
- ✚ The Admission Grievance Cell and a Cell for Special Categories Counselling makes all possible efforts to solve the queries and grievances of students and parents throughout the admission process.
- ✚ In strict sense, student profiles are not monitored annually. The college imparts a bias-free admission process that is solely based on meeting the prescribed cut-off marks. All students irrespective of the ethnic community, religion and domicile are granted admission if they meet the eligibility criteria. The college believes that such a policy promotes and maintains transparency in the entire admission process.

2.1.5. Reflecting on the strategies adopted to increase / improve access for the

following categories of students (SC/ST, OBC, Women, Differently abled, Economically weaker sections, Minority community and any other), enumerate on how the admission policy of the institution and its students profiles demonstrate / reflect the National Commitment to diversity and inclusion.

- ✚ The National Policy of inclusion of SC/ ST etc. is strictly followed by the college in admission policy. College provides all kinds of benefits, offered by Govt. to them and also promotes these categories without any prejudice.
- ✚ The college strictly follows all admission procedure guidelines laid down by the DU for them and facilitates the rules in the welfare of these communities.
- ✚ It is our observation that every year the popularity and the reputation of the college attract these students from all over the country. The college is extremely sensitive to the underprivileged and economically weaker sections of the society and employs several strategies to improve the educational access for these categories of students. One such example is the fee concession to the needy students.
- ✚ Besides the reserved seats for the SC/ST and OBC, as directed by the DU, the college also pays attention to other quotas like Armed forces, Kashmiri migrants, foreign students, and persons with disability (PWD) and admit the students of these categories also.
- ✚ In case, the general category seats are not filled in a course, as per the DU directive some of these seats may get included for the above-mentioned categories.
- ✚ In addition, EOC of the college is active in creating an equal space for students with disabilities and minorities. All possible efforts are made to enable students with disability to be a part of the mainstream through inclusion in college programs; rural tours, festivals, city tours fine arts and talent hunts.
- ✚ Outstation students and foreign students are counseled routinely. The North-East Student Association is particularly set up to specially look into any specific problems faced by the students from the North-Eastern states of the country. Free- ship Committee of the college scrutinizes the applications of the poor and needy students and grants fee waiver to them on need or merit basis.
- ✚ The Anti-Ragging Committee ensures that no student faces any mental or physical harassment in the College and the College has constituted committees for prevention of sexual harassment and caste based discrimination. A highly diverse student population of the college, both in-state and out-of-state are a result of the efforts put forth by the college towards National commitment to diversity and inclusion.

2.1.6 Provide the following details for various programs offered by the institution during the last four years and comment on the trends i.e. reasons for increase/decrease and actions initiated for improvement.

- ✚ The various programs offered by the institution are tabulated in Table 01,

- ✚ The DU follows a centralized system for inviting applications from the students seeking admission in different colleges of the university. The college cannot formulate any policy for any kind of improvement either subject wise or course wise.
- ✚ The demand and increase trend of applications to a certain course seems seasonal. Many times students consider UG degree, only for the admission in any professional course like media, law, journalism etc. As no specific reasons can be located out therefore, the analysis of choices, increase and decrease in number of applications in any specific course is not possible. Thus initiation of any improvement does not come under the purview of college authorities.

2.2: Catering to Student Diversity

2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

- ✚ In accordance to the government policies, the college fills 3% quota reserved for Persons with disability (PWD) students. In addition, the college has an EOC which ensures that students with disability have access to the same opportunities and choices in their education that are available to a general student categories.
- ✚ All possible efforts are made to provide PWD students with the tools, Reasonable accommodations and support services to participate fully in the academic environment. As learning needs of these students are diverse and vary case to case, following measures are taken to address their needs:
 - The student volunteers of EOC set up a special help desk during admissions to specifically assist the differently-abled students.
 - Special assistance is extended to these students by teaching as well as non-teaching staff in submitting online fees, applying for online scholarships etc.
 - To facilitate their movement throughout the campus, the college has made ramps at several locations for easy access to classes. Moreover, care is taken to ensure allotment of ground floor rooms for conducting classes for special category students.
 - PWD students are provided with technological support (computers, scanners, audio players etc.) and special learning aids like Braille books as well as other study material in the library.
 - Reasonable accommodations such as extended time or a quiet room during examination or a writer to help write the transcripts are allowed within the framework of the rules and regulations of the DU.
 - The hostel has an excellent environment for education, social interaction and sports for PWD students to enable active participation in hostel activities also.
 - Special toilets have been constructed for PWD students.

- EOC also ensures the provision of laptops and omission of hostel fees for PWD students who belong to economically weak background.
- Students with disability are encouraged to participate in competitions like inter- college debates, quizzes, music, theatre and sports.
- Special efforts are made by teaching staff as well as EOC members to boost their morale through expert counseling.
- Teachers adjust the pace of instruction according to the speed of learning and ability of the students in the class. Special attention is given to academically and physically-challenged students by taking extra classes and tutorials.
- The College motivates them to participate in several intercollegiate events and other festivals organized by University.

2.2.2 Does the institution assess the students’ needs in terms of knowledge and skills before the commencement of the program? If ‘yes’, give details on the process.

- + Yes. The college does take certain initiatives to assess the needs and provide full support to the students during admissions and before the commencement of the program. Though, the admission process is undertaken strictly as per university rules but proper counseling desks are arranged to guide and assess the students.
- + The college understands the need of the parents as well and hence, invites parents and students to the Orientation program to familiarize them with the college, its rules and regulations, facilities and various departmental faculties.
- + Feedback from parents and students is taken to further assess their knowledge and needs. Along with this, faculty members take due care and provide maximum possible support to the students as and when required.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/Add-on/Enrichment Courses, etc.) to enable them to cope with the program of their choice?

- + The teachers use a number of assessment strategies to assist them in understanding the diverse needs of the students. To bridge the knowledge gap of the students, regular tutorials are conducted in all departments of the college. One-to-one basis meeting with the students during tutorials help the teacher in identifying students with special requirements.
- + The students are encouraged to interact among themselves and participate in presentations, group discussions, role plays etc.
- + Seminars, workshops and special lectures are organized to provide computer literacy to the students.
- + Remedial classes are held to overcome language barriers particularly for students from international community.
- + As student learning needs are recognized, the challenge is to look for ways that address their needs, which is done through add-on courses. The college

offers a wide range of add-on courses that enrich their knowledge and more importantly prepares the students for employment and higher education.

✚ For Add-on Courses: See 1.2.4

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Please refer to **1.3.3 & 7.1.2**

2.2.5 How does the institution identify and respond to special educational/ learning needs of advanced learners?

Advanced learners are identified through:

- ✚ Academic performance
- ✚ Active involvement of students in their own learning (student willingness to ask questions, student's attention in the class etc.)
- ✚ Teacher's observation through formal or informal means, for example, through meeting the students and/or observing students' behavior in class.
- ✚ Teacher's observation while students are working in groups or individually.
- ✚ Their ability to work as a team highlights qualities like leadership, cooperation and willingness to address difficulties.

SVC response to the Advance Learners:

Students with high potential are exposed to more demanding tasks and given more focused attention by teachers through the following:

- ✚ Use different modes of grouping (e.g. ability grouping, heterogeneous grouping) so that advanced learners can work at more challenging tasks or work with intellectual peers in the regular classroom
- ✚ Undertaking programs with more challenging learning targets and tasks related to a specific domain (such as English poetry) or a Key Task (such as Project Learning) or a generic skill (e.g. communication skill), or leadership training outside regular class time (e.g. as an independent study project)
- ✚ Encouraging students to undertake independent studies / short term research projects in the areas of their personal interest for the pursuit of an intense personal interest, with teachers' guidance from time to time.
- ✚ Assignment of collaborative projects. The students can play different roles according to their abilities when doing a project or other collaborative learning activity, e.g. those with leadership can serve as group leaders, and students with different talents (such as students with IT or drawing skills) can all contribute to the project.
- ✚ Positive comments/feedback is given to the students to encourage creativity and critical thinking and also to improve their learning.
- ✚ Students with high academic performance are recommended for short term summer training programs in reputed national institutes to broaden their exposure to developments in science and technology

- ✚ The meritorious students are awarded prizes and scholarships on the annual day of the college for encouragement. (List of Prizes in Table 06)

2.2.6 How does the institute collect, analyse and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

- ✚ Throughout the duration of a program, the academic performance of a student is constantly monitored at various levels as follows:
 - Data and information pertaining to the performance of the students in class is collected in the form of assignments, internal assessment records, class attendance, participation in class activities and feedback from peers and teachers.
 - If a student is absent for a few days, efforts are made to find out the reason, a letter is also sent to the parents and guardians. Reason of absenteeism may be personal or academic counseling is provided in contact period.
 - Including different methods of assessment ensures that students are provided with ample opportunities to demonstrate their abilities and teachers have all the information they need to construct a complete, balanced assessment of each student.
- ✚ To cater for diverse needs, assessment is made flexible. Independent learning and counseling is ensured by teachers in tutorial classes. Students are also informally counseled by the faculty to help them cope with the various challenges of the program and life. Considerations are given to the diverse ranges of abilities, social identities and experiences of the students.
- ✚ As parents have close contact with students, they are in the right position to give comments on the performance of students, particularly those related to the development of healthy lifestyles, communication skills and inter-personal skills. Thus parents are also contacted to understand the special needs of the students.
- ✚ Once the students that fail to meet the academic standards are identified, remedial measures are taken to help them meet the minimum requirements of the course. This is done by providing additional assignments or projects.
- ✚ In case of students belonging to economically weaker sections of the society, financial assistance is extended to avoid any breaks in their education. There are negligible cases of drop outs in SVC.

2.3. Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print etc.)

- ✚ Being a constituent college of the DU, SVC follows the academic calendar of the University for planning its academic activities (teaching, learning and evaluation) for every semester. The academic year is divided into two semesters.
- ✚ At the end of each semester, teacher-in-charge of each department convene a meeting with all the departmental colleagues and prepare a blue print for the coming semester as papers, teaching methodologies for special papers, course allocation, teaching schedule and evaluation plan etc. The decision of the department has been communicated to the Time Table committee.
- ✚ Time-tables are prepared teacher-wise, course wise and classroom wise, well in advance by the Time Table Committee by incorporating the demands of various departments and are displayed on the college notice-board as well as on college website, before the commencement of next semester.
- ✚ Teaching schedule and the activities to be carried out during these two semesters are discussed and planned well in ASC. With the consultation of TICs ASC finalizes well in advance all kind of academic modalities, dates for class tests, quiz and presentations etc. and are communicated to the students and same information is also uploaded on the college website.
- ✚ ASC keeps strict vigil regarding the schedule of Internal Assessment, class tests, students' presentation and attendance record.
- ✚ The college has an internal assessment software that enables teachers to upload the attendance record at the end of each month. Marks for various entries like house exam (class tests), assignments etc. are also uploaded well in time and the whole calculation is done via that software.
- ✚ Semester examination schedules given by the University are notified through the academic calendar issued before the beginning of the semester. Evaluation of the practical /laboratory exercises is conducted as per the guidelines of the DU with both internal and external examiners.
- ✚ In the present academic year i.e. 2015-16, under the CBCS scheme, UGC has emphasized on the comprehensive and continuous evaluation of the students in a specific course by assigning a letter grade.

2.3.2 How does the IQAC contribute to improve the teaching-learning process?

As mentioned in point no. 33 of College Profile (page no. 10), the college has not formed a formal IQAC. The internal quality of the teaching-learning process is monitored by the ASC and Research Committee.

- ✚ The ASC, Research Committee and Time Table Committee, all three play a proactive role in enhancing the quality of an academic and co-curricular endeavors of the College in keeping with its vision and mission. They work towards strengthening the good practices of the College, encourage innovative practices and modify any method that need to be improved.
- ✚ The ASC monitors and maintains the quality of academics and concerned administration, as well as infrastructural needs with the help of Development Fund Committee for better academic standard.
- ✚ ASC focuses on the academic reviews, result analysis of the semester and

suggest measures for their academic improvement and take proper steps for it, if needed.

- + The Principal also holds regular meetings with the departments separately and with ASC time to time to evaluate the academic standard.
- + The Departments hold regular meetings to monitor the syllabi covered and the overall attendance record of students.
- + Various Committees of the Staff Council like Development Fund, Library, Eco Club, EOC, Sports, WDC, Hostel etc., provide valuable inputs periodically to monitor the quality of the teaching–learning process.
- + The Internal Academic Audit among different departments of the college helps to accomplish objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of teaching-learning processes.
- + ASC contributes to improve the teaching – learning process by:
 - Introducing more and novel teaching aids to improve the teaching-learning process in classroom teaching.
 - Organizing seminars, workshops, academic talks by eminent speakers etc. to spread awareness on academic and social issues. e.g. a scholar from Australia delivered a talk in our college on pedagogy and foregrounded the concept of learner-centric teaching.
 - Having exhaustive discussion on new reforms and changes in the education system to bring clarity to teachers as well as students on what are the expectations in terms of quality performance..
 - Implementing the system of teachers’ evaluation by students with respect to improving the overall quality of the College.
 - Enhancing the infrastructural facilities such as equipment, laboratories, libraries etc. It also appreciates, encourages and provides support required by all staff for their quality sustenance and quality improvement in teaching, research and administration.
 - Upgrading the teaching methodology according to quality demands and placement opportunities.
 - Facilitating support for inter-disciplinary programs, faculty development programs and research activities.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students.

- + The college strives to achieve an all-round development of the students with the goal of preparing better citizens for tomorrow. In addition to the conventional lecture method used in the classroom teaching, emphasis is laid on seminars, presentations, projects, practical training, field visits such that it promotes interactive and independent learning among the students.
- + Our teachers spend time towards the end of each lecture for

interaction/question answer session with the students to encourage critical thinking and analysis.

- ✚ Catering to the need of every individual student, project work is assigned on subject areas that may be outside the domain of the University prescribed curriculum to motivate, encourage and enhance their skills.
- ✚ Strong emphasis is also given on learning by problem solving and case studies that help students analyze and apply their conceptual knowledge that they have learnt in classroom lectures.
- ✚ Students are encouraged to participate in group discussion to promote peer interaction and team spirit.
- ✚ Time to time various competitions like Creative Writing, Debate, etc. are held to give the students an opportunity to participate and develop their collaborative and independent learning skills. Inter-college workshops and symposiums are an excellent platform for the students to network with students of other colleges and student participation in such events is highly encouraged.
- ✚ In addition, students are urged to contribute towards the College magazine and the departmental magazine in the form of articles.
- ✚ The science departments plan their practical in order to promote independent and collaborative learning among the students.
- ✚ The college also has a number of Innovation projects (Please refer to 3.2.7, Table 3.11) funded by the University wherein the students from different departments come under one umbrella and share their individual knowledge and skills with each other.
- ✚ The college provides all the infrastructural support as well as the instruments for such activities. The support structures and system available for teachers include audio-visual aids, tutorials, virtual library, remedial classes, projector and computer-based teaching-learning method and smart classrooms, library with spacious reading rooms and well equipped laboratories.
- ✚ As a part of the NKN, the college enjoys several network facilities.
- ✚ The college campus and hostels are Wi-Fi enabled. The students are provided with laptops by the University to access E-resources and for classroom presentations.

2.3.4 How does the Institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

- ✚ The institution understands the need of critical thinking, creativity and scientific temper among students as it is an attitude of logical thinking. SVC provides a conducive atmosphere for these qualities. The teachers provide ample space to their students for critical thinking in the classrooms.
- ✚ Faculty members involve students in brain storming discussions which would give them an opportunity to identify the problem, think and explore various

- ways to find the solution to the given problem.
- ✚ Students are encouraged to observe, investigate and analyze logically and come up with novel solutions. For example, Science students are introduced to research by building upon the basic definition of science that primarily revolves around asking and answering simple questions such as Why?, How?, What?, When? and Where?.
 - ✚ Students are encouraged to ask questions, develop possible hypothesis, plan out experiments, analyze results and finally approve or disapprove of the hypothesis. They are allowed to design small projects which are extension of the curriculum classroom teaching.
 - ✚ To inculcate in them innovative thinking, students are encouraged to take up summer projects in college under the Star College scheme and the Innovation project scheme of the DU. Such endeavors not only develop scientific temperament but also equips them with the knowledge of latest instruments, equipment and techniques used in research.
 - ✚ Under the DBT Star College Scheme awarded to the college in the year 2011, short term interdisciplinary projects and experiments have been designed and implemented to nurture critical thinking, innovation and scientific temper among the students. The following table is one example of it:

✚ **Table 2.1: List of some extended laboratory exercises performed under DBT-Star College Scheme awarded to the SVC (2011-15)**

S. No.	Extended laboratory exercises
1	Identification of sugars in different fruit juices by Thin Layer Chromatography
2	Isolation of auxotrophic mutants of DH5a by Replica Plating method
3	Cloning & Expression of <i>M. tuberculosis</i> genes
4	Affinity chromatography for antibody purification
5	IL-6 Cytokine ELISA assay
6	IL-1 β Cytokine ELISA assay
7	Determination of iodine number, saponification number and acid value of different dietary fats
8	Deviations from Lambert-Beers Law
9	Comparison of DPA method and UV spectroscopic method as methods of DNA estimation
10	Comparison of membrane composition in Goat Liver and Brain tissues
11	Calculation of viable counts of <i>E. coli</i> DH5a by Serial Dilution Plating

- ✚ To expose them towards the developments going on in research, eminent scientists, scholars and researchers are invited from reputed institutes. Popular talks that address the basic nature of a discipline are organized to help students familiarize with the subject in a holistic way. Very recently on

August 28, 2015 Prof. MRN Murthy from Molecular Biophysics Unit, IISC, Bangalore delivered a talk on “Why is Darwin’s theory so controversial ?” that encouraged them to think and discuss about past hypothesis and philosophers of science. Such an exposure enables them to look at a problem from an altogether new perspective and incite in them next level of curiosity which goes beyond simple questions and experimentation.

- ✚ In social sciences, students are given a feel of how things actually work on ground by organizing the events such as mock parliament. The students are encouraged to extend their vision from theories to real life situations.
- ✚ Humanities also play a great role in novel and critical thinking. Teaching a concept in class, the feeling of humanity, its purpose, life without human values etc. are discussed thoroughly. Special assignments and projects are given to students, which stimulates imagination, nurture philosophical deep thinking and creativity. Students are encouraged to write poems, articles on current, national and international issues. College magazine and wall magazine are the best examples of it. Besides this screening of films that are based on topics related to the curriculum and is followed by discussion.
- ✚ In Commerce, role plays are organized in the class and industrial visits are organized for practical exposure. In this way students get familiarized with the recent developments and changes in Corporate Laws and Business Laws. Special lectures and seminars on the current issues are also arranged time to time for the purpose. They are apprised of the current issues and recent developments in their respective fields. Students are encouraged to participate in B-Plan, Ad-Mad, B-Quiz, Dalal Street etc.
- ✚ Every department has its own society which provides a competitive platform for a stimulated exchange of knowledge, skills and creative aptitude among students. The societies organize festivals and other academic events to encourage students to think beyond the curriculum.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning-resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education etc.

- ✚ To provide an effective learning experience to the students, teachers are encouraged to use modern teaching aids and tools like computers, audio-visuals and internet. The library of our college is fully automated library with open access system that gives students and faculty hassle free access to e-Resources (e-Journals, e-Books & online databases by UGC-Info Net Digital Library Consortium & N-LIST). The students and faculty have an access to e-resources available on DU network in the College.
- ✚ The College has an access to a number of online databases namely JSTOR, PROJECT MUSE, PROWESS, PUBMED, INDIASTAT, SCIENCE DIRECT, PROQUEST etc.
- ✚ Virtual Class Room infrastructure and technology is available to both faculty and students.

- ✚ Useful web links are also suggested by the faculty members to the students for their reference.
- ✚ The students have an access to e-Paathshala resources on UGC portal.
- ✚ The students, however, enjoy the facility of free access to e-lessons, e-labs, e-lectures uploaded by the ILLL on DU intranet, accessible from the College.
- ✚ The students are taught with the help of You tube videos and Webinars in respective fields, where ever required.
- ✚ The college has a state-of-art ICT facility with five ICT laboratories that are equipped with latest digital technologies like projectors, internet connectivity, digital board, visualization system and digital sound system. Subjects such as Bioinformatics are exclusively taught in these laboratories and students have access to an independent system to do all exercise.
- ✚ Keeping pace with the technological developments in present business environment, all the classrooms are thoughtfully designed to induce high quality learning and are provided with latest teaching tools to help students for easy understanding of the subjects. Spaciously designed class rooms have the facility of LCD projectors with smart boards to adopt high quality learning through visual aids.
 - ✚ The following methods and tools are used at SVC to teach the students in the classes using ICT resources:
 - Interactive sessions in the classroom
 - Power point presentations
 - Demonstrations
 - Educational films and documentaries
 - Projects & Group discussions
- ✚ This improves not only the communication skills of the students but also their inter personal skills, decision making skills, business communication, pre-placement Training, Corporate Readiness, thus grooming them into refined, confident and articulated young professionals, ready to face the cut-throat competition in the corporate competitive world.

2.3.6 How are the students and Faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

- ✚ SVC is a hub of innovative and entrepreneurial activities. Every year the college organizes events such as international/national conferences, seminar, workshops for both teachers as well as students wherein they get an opportunity to listen to academicians and scientists of high repute. (Please refer 3.1.6 & ERD of all departments, point no. 25)
- ✚ The college promotes Faculty Enrichment programs by funding their visits for refresher courses, paper presentations and invited talks. This helps in equipping teachers with latest trends in the field of education as well as enables them to acquire skills to strengthen the teaching process.
- ✚ Students and faculty are also encouraged to do research and present their research papers in both national and international conferences organized by the college and other institutions.

- ✚ Most of our teachers are working on various innovation projects which encourages blended learning among students.
- ✚ SVC faculty encourages blended learning through judicious mix of traditional, modern and innovative methods of delivering contents in classroom.
- ✚ With lectures as one of the major delivering tool, course contents are delivered through case discussions, individual and group presentations, live hands-on projects, simulation games, exercises and informative videos. Students of some departments like Chemistry, Biochemistry, Physics and Zoology undertake summer and winter research programs during vacations at premier institutes like IITs, IISCs, NII, and DRDO.
- ✚ Teachers attend orientation and refresher courses organized by the academic staff colleges of the UGC.

2.3.7 Detail (process and number of students/benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advice) provided to students?

Academic Support:

The college not only believes but is committed to take care of physical, mental and emotional well-being of the students.

- ✚ Teachers are committed towards being compassionate and motivate the students to overcome these challenges and focus on their academic pursuits.
- ✚ The Principal /Vice Principal are also available for consultation and problem solving. Teachers of the college are often approached by students for their guidance and advice, and are extended all possible help and counseling not only on academic issues but also on any other issue related to students for which various societies have been constituted in the college, including the following:
 - The **grievance cell** of the college promptly addresses the problems of the students by holding meetings time to time.
 - College has a **book bank facility** for economically weaker and needy students, where they are issued books for the whole academic year.
 - College has a **free ship committee** which scrutinizes the applications of the poor and needy students and grants fee waiver to them on need or merit basis.
 - **ASC** monitors the academic progress very seriously and tackle these kind of problems at priority basis.

Personal and psycho-social support:

- ✚ Given the importance of professional counseling to the youngsters in the present time, the college has appointed **two Professional Counselors** who are available thrice a week. Out of these two, one is exclusively for hostel students. Personal and psycho-social counseling is given to students who

- suffer from any health related issue or have any family/personal problem.
- ✚ Several students have availed and benefitted from this service in terms of identifying and solving their personal, emotional, family and career related problems. For example, a student with bi-polar disorder was identified in B.A (Prog.) by one of our teachers and he was referred to a professional counsellor.
 - ✚ Adequate support provided by the teachers and the college to cope with the curriculum ensured that the student passed with flying colors. Every year, one or two students are identified as slow learners or with any special need and they are given counseling from our professional counselor as well as teachers.
 - ✚ Students can also approach **Staff Advisor** with their problems and the Staff Advisor in consultation with the Proctor and the Principal tries to settle the problems faced by the students.
 - ✚ **North –East Student Association** ensures that the students from those parts of the country feel welcomed and are integrated into the culture of the college. They get a sense of identity and in case of any issues faced by these students, these are addressed to the forum and tackled immediately.
 - ✚ SVC also has an **active EOC** to address the issues related to students belonging to Persons with Disabilities (PWDs) on a continual basis. The main objective of the Equal Opportunity Cell is to help and empower the PWD
 - ✚ students to participate fully in the academic, intellectual, social and cultural life of University on an equal basis.

Mentoring:

- ✚ As all the departments of our college organize student enrichment programs and other academic activities therefore teachers also functions as mentors to the students. They guide, inspire them to participate and interacts with them.
- ✚ The college has so many societies as Fine Arts, Sports, NSS, Debating etc. in which student learn to work as a team member with other department. The convener of the society is also the mentor to the students.

Other Guiding Services:

- ✚ The placement Cell plays an important role in career guidance.
 - In the cut throat competition of this corporate world, Placement Cell coordinator guide the students for better opportunities, counsel them for the challenges of life.
 - An external coach is engaged, if necessary to guide and trained the students for various events. e.g. Choreography, Music, Dance etc. Special Coach and experts are appointed to guide the students in various sports activities as Cricket, Tennis, Football etc.
- ✚ Many times, the departments conduct seminars, conferences, workshops etc., in which external subject experts are invited, who guide the students for certain domain of the subject.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years. What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

Innovative teaching methods adopted by the faculty:

Alternate approaches to teaching-learning have paved the way for innovative practices. Some of the innovative approaches adopted are:

- ✚ In science departments use of models, designing practical experiments outside curriculum to enhance learning.
- ✚ Movies, videos etc. added for concept based problem solving in social sciences.
- ✚ Imagination, conceptual clarity, home assignments to encourage analytical thinking in Literature and Arts.
- ✚ Dramatization of literary texts or use of any other medium like film screening etc. to compliment the study material.
- ✚ Summer internships, study tours, Gyanodaya Express (knowledge on wheels) for practical experience. The students are also taken to field trips and educational trips to ensure practical exposure to the students. For example, students of History are taken to heritage trips, students of observational sciences like botany, zoology and biological sciences are taken to Western Ghats and foothills of Himalayas for bio-diversity studies.
- ✚ Learning through documentaries and movies, debates, oral and poster presentations, group discussions etc. for better exposure.
- ✚ Experiential learning through games and simulations and group projects etc. in Mathematics classes.
- ✚ These methods also expose students to further develop their soft skills. The students are also involved in interdisciplinary projects. While undertaking these innovative projects, they learn the importance of team-work, co-operation and inter-dependence.

Efforts made by the institution:

- ✚ The management on its part does its best to facilitate innovative practices by procuring the necessary equipment and technology. In order to make learning more interactive, the faculty undertakes the use of new methods of teaching-learning especially through ICT resources. The facilities available are the following:
 - Computer laboratories and Wi-Fi internet facility across the campus.
 - Laptop in each department connected through internet .
 - Classrooms equipped with ceiling-mounted LCD projectors to facilitate power point presentations in the class.
 - Access to e-resources in ICT Labs with adequate printing facility.
 - Workshops for training and skill development of faculty are arranged regularly.

- Latest teaching material, journals and referral material is procured by library of the college.

Impact of such innovative practices on student learning:

- ✚ These innovative educational practices lead students to heightened development, skills and abilities expected of them in their careers. These practices benefit students by:
 - Stimulating intellectually-engaging and educationally-effective curricula.
 - Providing active learning opportunities..
 - Deepening student learning and engagement in classroom content.
 - Raising levels of performance, retention, and success for all students.

2.3.9 How are library resources used to augment the teaching-learning process?

The college library functions with the objective of providing quality service to its members and promote excellence in education by housing several latest edition books, journals, monographs, magazines etc. Library resources are available to encourage research, engage students in pleasure reading, support the curriculum, and address individual needs and interests.

- ✚ The college has a Main Library and 17 departmental libraries that collectively support the teaching, research and extension programs.
- ✚ The library is fully automated and has a huge collection of books on sciences, social sciences, literature and languages (English, Hindi, Sanskrit, Tamil and Telugu).
- ✚ The library remains functional on all working days from 9:00 a.m. in the morning till 6:00 p.m. in the evening. (Up to 8:00 p.m. for hostel students in examination days). The library functions on the basis of an “open access” system.
- ✚ It houses over one lakh twenty thousand book titles and subscribes to 65 Journals/periodicals and 14 Newspapers in four languages.
- ✚ It also has more than 250 educational CDs and about 20 sets of encyclopedias.
- ✚ Students are provided with the facility of computers with high speed connectivity and access to e-journals.
- ✚ All E-resources available on UGC-NLIST, DELNET and DULS are available to college students and staff through the recognized password issued by the college to be used on college intra-net.
- ✚ The library uses LSEase (College version of Libsys software) which is an integrated multi-user library management system that supports all in house operations of the library.
- ✚ All e-resources available on DU network are available to college students and staff through the recognized password issued by the College to be used on college intra-net.
- ✚ The college library also has a Book Bank facility available to students that provide books for the whole session to needy students.

- ✚ Departmental library committees recommend books based on latest syllabus, and available funds and requirement. The Library committee procures the recommended books, journals, magazines on a timely basis and are made available to students.
- ✚ Each student can issue up to four reference books for the purpose of reading and learning.
- ✚ The college library has a spacious reading room which is adequately lighted and contains furnishings appropriate to the student population.
- ✚ Limited photocopying is allowed for referral material for curricular use.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If yes, elaborate on the challenges encountered and the institutional approaches to overcome these.

- ✚ Advance planning of Teaching and laboratory schedule in coordination with TICs, Time Table Committee ensures that syllabi and practical will be completed in time.
- ✚ However, if certain classes are disrupted due to certain unforeseen circumstances such as bad weather or extra-curricular activities etc., compensatory lectures and practical are held to overcome the gap.
- ✚ Also, the teachers distribute their lectures chapter-wise/ weekly wise in each subject in the very beginning so as to ensure the full coverage of syllabus well in time as prescribed by the university norms.
- ✚ Most of the extra-curricular activities are held during late afternoons such that they do not disturb regular teaching.
- ✚ Also, it is generally ensured that Departmental festivals should be organized, if possible during the mid-term break to avoid any disruption in the regular teaching schedule.

2.3.11 How does the institute monitor and evaluate the quality of teaching-learning?

The institution administers teacher performance by students through on line questionnaire. The questionnaire has both implicit and explicit components on the curricular competencies of teachers and provides information to evaluate the quality of teaching. The Head of the institution conducts regular meetings with subject teachers and reviews the performance of students i.e. results in each subject of all departments. The slow learners are given additional time by teachers to meet their needs. For more details see 2.3.2 above.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

Table 2.2: Faculty Profile:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers: 111							
D.Sc./D.Litt.	NA	NA	----	02	----	----	02
Ph.D.	NA	NA	30	38	12	10	90
M.Phil.	NA	NA	01	04	04	03	12
PG	NA	NA	01	03	02		06
Temporary teachers: 02							
Ph.D.	---	---	---	01	---	---	01
M.Phil.	---	---	---	01	---	---	01
PG	---	---	---	---	---	---	---
Ad hoc teachers: 63							
Ph.D.	---	---	---	---	13	16	29
M.Phil.	---	---	---	---	06	09	15
PG	---	---	---	---	12	06	18
Guest teachers/ Contractual Teachers/ Counsellor: 22							
Ph.D.	---	---	---	---	04 + 01 Medical Officer	07	11
M.Phil.	---	---	---	---	02	04	06
PG	---	---	---	---	04	05	09

Recruitment/ Retention of Faculty (Permanent/ Temporary/ Ad-hoc):

- ✚ Recruitment of faculty is as per UGC Guidelines (Student – Teacher Ratio). The guidelines are accessible online on their website.
- ✚ The college recruits the teachers through a transparent process in strict accordance with the regulations laid down by the UGC and the DU.
- ✚ The College Governing Body (GB) does the appointments through duly constituted panels consisting of members including the Principal, representatives of the GB, representatives of DU, teacher representatives of college and distinguished academicians approved by DU.
- ✚ The permanent posts are advertised in national newspapers and on the college and university website. Eligibility criteria for teachers are determined as per UGC norms and guidelines
- ✚ Both the permanent and ad-hoc posts are created according to the roster system of national policies.
- ✚ Formal approval from DU and GB is mandatory for any post to be filled.
- ✚ Eligibility criteria of teachers whether permanent, temporary, ad hoc or Guest is as per the UGC norms and guidelines.
- ✚ There is no scope or space for strategizing for retention or recruitment as college has to follow the UGC norms for appointment.

- ✚ Besides this, college has no provision or right to retain a teacher on his/her competency, as the selection committee appoints a teacher on the basis of available pool of the applicants.

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

- ✚ With the emergence of new areas such as Bioinformatics, IT and Biotechnology, the college understands the need for faculty that have expertise in these areas. While recruitment for younger faculty having exposure to newer developments and technology is done as and when the posts are advertised, the college also makes significant efforts to apprise its own senior faculty with these advancements. The college encourages and supports faculty development in many ways:
 - Participation in Refresher / Orientation courses as per UGC guidelines. It provides the senior faculty an opportunity for hands-on training in the respective area by trained professionals. In addition, many of our faculty members have undertaken post-doctoral research work to refine their skills.
 - It is ensured that the work load of the new programmes is shared by both, new and senior faculty equally. The senior faculty puts in their experience and the new faculty brings new innovative methods while teaching the prescribed courses.
 - The college also extends tremendous support towards development of new facilities and laboratories to keep up with the growing advancements. In particular, the effort of the college in raising its standard in the field of Bioinformatics is exemplary. The Bioinformatics Centre (BIC) funded by DBT-BTISnet at SVC (established in 2007) is the first Bioinformatics Centre established in the DU and North India for the benefit of training students at UG level.
 - The BIC is well equipped for teaching bioinformatics to UG students and conducting research including a dedicated Linux/Unix lab for teaching and research work, well stocked library, facility for Audio-visual presentations, high speed network laser printers, high speed internet connectivity.
 - BIC actively conducts workshops and seminars in the emerging areas of genomics, proteomics & drug design for participants that include college faculty, research scholars, UG students and school teachers to fulfil its objective to promote Biology Teaching through Bioinformatics. Some of the major workshops conducted during last three years include:
 - ✓ Symposium in Mathematical and Computational Biology, March 10, 2015.

- ✓ International Conference on Emerging Trends of Nanotechnology in Drug Discovery, May 26-27, 2014.
- ✓ Symposium on Ramachandran Manifestation: Peptide to Proteome, March 14-15, 2013 in commemoration of 50 years of Ramachandran Map.
- ✓ Bioinformatics Training Programme for College Teachers, February 07-09, 2013.
- ✓ Training Workshop for School Teachers, April 2012
- ✚ Recently, BIC at SVC has been awarded the first position in DBT-BTISnet INCENTIVE AWARD (BIF category) for highest number of publications in the year 2014.
- ✚ In addition, a PG Diploma course in Molecular and Biotechnology is offered by the College to provide technical support to cater to the needs of both research organizations and industry in biotechnology under the DBT-HR program.
- ✚ The College also has a state of the art ICT Lab rich in digital technologies. Every Computer Lab has Projection system and has Digital Board, Visualization system and Digital Sound system.
- ✚ The college campus has Wi-Fi facility. The facility acts as the best technological companion to the students. They are able to procure academic richness depending on the global technological resources. This helps students to undertake projects in their free classes and various other presentations.
- ✚ Students are able to undertake research work, perform their respective college society's work and keep-in-touch with the latest business happenings. Many students also utilize this service for preparing presentations for college as well as inter- college events, many of which have succeeded in winning laurels for the college.
- ✚ Academic lessons, practice exercises, model papers, references etc. are at the nearest reach to the students.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

(a) Table 2.3: Nomination to Staff Development Programs during the last four years:

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	16
HRD programs	Nil
Orientation programs	07
Staff training conducted by the University	03 (Fellowships)
Staff training conducted by other institutions	04
Summer/winter schools, workshops, etc.	03
<ul style="list-style-type: none"> • The institution grants leave to the faculty members for Orientation/ Refresher courses etc.. But participation in these courses is voluntary. 	

(b) Faculty Training programs organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning:

- **Teaching Learning Methods/ Approaches**
- **Handling New Curriculum**
- **Content/ Knowledge management**
- **Assessment**
- **Cross cutting issues**
- **Audio Visual Aids/ Multimedia**
- **OER's**
- **Teaching learning material development selection and use**

- ✚ The College organizes training programs for faculty to introduce the staff and students to the new developments in improved teaching-learning.
- ✚ In 2013 SVC was the part of Virtual Class for E-learning organized by DU for the implementation of Foundation Courses.
- ✚ In above mentioned virtual class room session, faculty were trained how to organize lectures and demonstrates experiment in a virtual classroom environment in collaboration with CIC DU.
- ✚ The Internal Assessment (IA) System of the college is completely digitized and faculty members are required to upload the IA marks and class attendance online on the SIS package. The College organized workshops to train and orient the faculty (mainly new appointees).
- ✚ The college conducted a training program for lab assistants in 2012 to train them in safety procedures in the lab, lab maintenance and care issues, handling of equipment, etc.
- ✚ Teachers are constantly engaged in research activities. Many teachers avail study leave to pursue a Ph.D. / post- doctoral research.
- ✚ The College subscribes to a number of journals related to different disciplines.
- ✚ Teachers are trained to explore the internet to create PPT presentations.
- ✚ Teachers and students are encouraged to access information from web resources.
- ✚ The College publishes College magazine every year.
- ✚ Many departments are supplied with audio visual teaching aids which are also used to teach students.
- ✚ Learner centered activities like participative learning, interactive sessions, students' seminars, case studies, project work, assignments, problem solving exercises and field work are followed.
- ✚ The significant teaching-innovations made in the last five years are mentioned below:
 - **Practical work:** Nearly half of the total academic work time is devoted to practical/project work aimed at creating industry like work environments.
 - **Feedback:** Both teachers and students evaluate each other with the spirit of developing mutually and for the cause of promotion of excellence.

- **Case study and simulation exercises:** Students are assigned live projects as case studies that are aimed at testing the application of theoretical concepts to industry situations. Use of case study method and organizing of mock interview sessions and review of Curriculum vitae exercises for the purpose of explaining the recruitment process.
- **Personality development initiatives:** Students are divided into groups to work on projects and make class presentations to collectively work with team spirit and share their knowledge. Students usually undertake projects with industrial and commercial organizations. Faculties actively involve themselves in facilitating the completion of project work.
- **The use of modern multimedia teaching aids** like LCD Projectors, CD-ROMs and computer systems are usually employed in classroom instructions. In some departments, computer-based packages are used to elucidate abstract knowledge and virtual instruments through computer animation. Students are also encouraged to use computer software packages for meaningful analysis of the experimental data collected/acquired by them.

(c) Table 2.4: Percentage of Faculty

Departments	Invited as resource persons in Workshops/Seminars / Conferences organized by external professional agencies	Participated in external Workshops /Seminars / Conferences recognized by national/international professional bodies	Presented papers in Workshops/Seminars /Conferences conducted or recognized by professional agencies
Biochemistry	50	100	40
Botany	10	100	10
Chemistry	40	100	40
Commerce	30	80	30
Economics	45	80	45
Electronics	50	80	50
English	31	100	35
Hindi	42	80	42
History	30	50	30
Mathematics	10	50	10
Physics	50	100	50
Political Science	-	-	-
Sanskrit	25	100	100
Zoology	40	60	40

2.4.4 What policies/ systems are in place to recharge teachers? (e.g.: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

- ✚ There is no provision in the college to provide grants to the teaching faculty to support and promote research and constant up-gradation of knowledge and skills. But certain funding agencies like DBT, DST etc. offer generous financial and infrastructural support to the faculty of science departments. Otherwise, the teachers of humanities, social sciences and literature have their own ability and personal efforts to generate funds to pursue their research work.
- ✚ Teachers who want to continue their research are granted leave as per the UGC policy.
- ✚ In Science Faculty, members can distribute and allocate their teaching work that is in sync with their research commitments. The college provides all possible support to the faculty for pursuing academic activities, which includes following:
 - The teachers attend in-service training, orientation and refresher courses organized in the University to recharge and rejuvenate interest.
 - The college nominates faculty for academic staff development programs and grants duty leave to attend orientation programs, refresher courses, workshops, seminars, symposiums and conferences.
 - The teachers of the college are permitted to take up academic and other assignments on deputation or as visiting faculty
 - State of the art research infrastructure, in terms of hardware and software as well as databases are freely available to the faculty. They can access books, journals, magazines, e-resources in college library and ICT labs.
- ✚ On recommendation of Research Committee and ASC, the college is soon going to initiate a peer reviewed research journal for the faculty.

2.4.5 Give the number of faculty who received awards/ recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/ achievement of the faculty.

The college encourages the faculty to engage in teaching, research and other academic enterprise. The faculty is very much aware for their responsibility towards society. This promotes the personal growth of a teacher and becomes him more responsible to the society at large. The following teachers are awarded or recognized for their distinguished services.

Table 2.5: Awards for excellence in teaching & Education:

Faculty	Department	Award	Year
Dr. Saurabh Kumar	History	Teaching Excellence Award for Foundation Course, DU, FYUP	May, 2014

Dr. Sharda Pasricha	Chemistry	Distinguished Teacher Award from DU	2009-10
Dr. Namita Pandey	Political Science	Distinguished Teacher Award from DU	2009-10
Dr. Ramesh Budhraja	Mathematics	Distinguished Teacher Award from DU	2009-10

Retired Faculty:

✚ **Dr. A. Sankara Reddy, Principal (May 1994 to June 2008):**

- *Padma Shri Award*, (one of the highest honours awarded to citizens by the Indian Govt.) in the field of Education and Literature, received from Her Excellency, The President of India, 2009.
- *Ananta Animuthyalu*- For excellent services in the field of Education, NGO Anantapur District, Andhra Pradesh, 2012.
- *Rashtriya Gaurav Award* for Meritorious Services, Outstanding Performance and Remarkable Role in the field of Education by India International Friendship Society (IIFS), Delhi, 2011
- *Ugadi Puraskar* for valuable contributions in the field of Education by Delhi Telugu Akademi, 2008.
- *Excellence Award in Education* by Srimahandhra Cultural and Educational Charitable Trust, 2008.
- *Indira Priyadarshini Award* for outstanding services, achievements and contributions in the fields of education and administration on the occasion of 86th birth anniversary of Late Smt.Indira Gandhi, 2005.
- *Higher Education and Development (HED) award* at Higher Education and Development Summit by an U.N. affiliated NGO (IAEWP), 2004.
- *International Trade Summit Special Education Award* at International Trade Summit by International Association of Educators for World Peace, 2004.
- *International Felicitation Award – World 2000 Millennium Award* by International Association of Educators for World Peace (AEWP), 1999
- *Manav Sewa Puraskhar* by Institute of Economic Studies, 1998.
- *Spardha Shree Award* for meritorious services in Education by All India Unique Sports and Cultural Organization, Delhi, 1997.
- “*College in sight*” awarded by NIS, 1996.

✚ **Mr. N.K. Bhasin**, Department of English, received Distinguished Teacher Award from DU, 2009.

The college provides full support to the faculty to excel in teaching and is given full autonomy and space to employ innovative methods in teaching and research.

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of

the teaching-learning process?

- ✚ The feedback mechanism is already been described in 1.4.2 and 2.3.11. Additionally,
- ✚ Teachers take feedback, both formally and informally, from the students. Many teachers use self-administered feedback forms to take their own feedback from the students for their personal growth and self -reflection. The feedback form focuses on students’ response on pedagogy, content knowledge, communication, learning environment and teacher accessibility.
- ✚ The feedback from the students is taken in a positive spirit so as to review how the teaching is being received by the students and to find out the areas of improvement.
- ✚ The College has recently introduced the practice of internal and external audit so as to facilitate internal as well as external peer evaluation.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

- ✚ In the colleges of DU, the examination and continuous evaluation are conducted according to the set guidelines of the University. These guidelines are available on the university as well as college website, and are also conveyed to students by the teachers during classroom interactions.
- ✚ The stakeholders of the institution are conveyed about the evaluation process in the following ways:
 - Students are conveyed very clearly during the orientation programme in the beginning of the academic session about the relevance of attendance.
 - They are also provided the information regarding assessment processes on tests/quizzes, assignments, projects, etc. through the college prospectus.
 - The college notice boards display all circulars from the university regarding evaluation, and also the last dates for submission of assignments and conduction of tests.
 - Teachers upload the marks and attendance given to their respective students on the college website. This data is accessible to all students.
 - A moderation committee is set up in each department to analyze the internal assessment marks submitted by the teachers. The moderation committee meets at the end of every semester to review the internal assessment of the students.
 - A student can approach the concerned teacher or ASC Convener or Grievance Cell or the Principal in case of any discrepancy in marks, attendance or in evaluation process.
- ✚ In the current academic session, the students are admitted under CBCS. Since the students will be continuously assessed for their performance in the regular classes and practical, they are regularly updated about their performance by

the concerned teacher and also motivated and inspired to improve their performance.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by institution on its own?

- ✚ It is mandatory to a constituent college of DU to adopt the directives of the University in examination system and evaluative process. SVC follows all the directives, rules and regulations of DU very strictly.
- ✚ All the faculty members participate in the Central Evaluation System, which was initiated by DU, almost six years back.
- ✚ At college level, SVC evaluate the students and provide them all the facility to excel well in exams as well as in life. The college has adopted the following methods:
 - Though Internal Assessment is mandatory as per DU rules but college allows the students to improve their performance, and conducts more and more tests for their practice.
 - Few departments prepare quizzes for the benefit of students.
 - Some departments give very much exposure to the students and take presentations.
 - Students are counseled in contact periods and given special attention in case they are not attentive in their studies.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

- ✚ The College strictly follows the guidelines related to University Evaluation reforms and makes all possible efforts to ensure its effective implementation.
- ✚ The attendance and internal assessment of every student is uploaded through an online portal of the college website www.svc.ac.in so that evaluation process is implemented on time and no delay in internal assessment records happens.
- ✚ The reforms initiated regarding the evaluation of answer script through Centralized Evaluation System is taken care by the College. It is ensured that the Evaluation Schedule is sent through e-mail to all the teachers and also they are required to sign the hard copy kept in the college so that every teacher is made aware in advance about the dates of evaluation and contribute to the fullest in its effective implementation.
- ✚ With respect to the changes pertaining to the internal assessments, the college has an Internal Assessment Committee to look after the proper evaluation work. With introduction of weightage on attendance in Internal Assessment, regularity of students also became a component of the evaluation.
- ✚ It is also ensured that all the concerned teachers attend the Departmental meetings held at the University level. They are granted duty leave also, if required.
- ✚ In science courses, the College appoints the external and the internal evaluators (examiners) for the practical (experimental) examinations. The

same practice is being followed for Commerce computer practical examination. The examiners are appointed by the Principal of the college, being Convener, with the help of faculty of individual department. In the recently introduced CBCS system, practical are assessed continuously.

- ✚ There is constant interaction with the Principal and the faculty to discuss and deliberate upon all matters related to the evaluation process and practices of Internal Assessment.
- ✚ All data submitted by staff is available online to the students, faculty, and all other stakeholders to ensure transparency and for effective implementation of evaluation reforms.

2.5.4 Provide details on the formative and summative assessment approaches adapted to measure student achievement. Cite a few examples which have positively impacted the system.

Formative Assessment:

In each program 25% marks are for Internal Assessment. This assessment includes Attendance marks, class tests, presentations, quizzes etc. Therefore:

- ✚ Students are given regular assignments, projects to work on and they are discussed and evaluated by the teacher.
- ✚ A regular house (internal) exam is conducted to mark the progress of the student.
- ✚ Regular Quiz, MCQs have helped them students to study regularly and strengthen their concepts.
- ✚ The regular assessment helps the students to know their strength and weakness and thus work on them accordingly. The overall scores of the students have improved by this assessment pattern remarkably. This is reflected in their university results.
- ✚ The projects are part of some of the science courses. The semester end presentation has also been added to Internal Assessment component.

Summative Assessment:

The semester end examinations conducted by the University along with the Internal Assessment is the summative assessment of each student's performance in the College examination.

2.5.5 Details on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightages for behavioral aspects, independent learning, communication skills, etc.)

- ✚ The internal assessment papers are discussed with the students and marks are shown to them and also uploaded on the college website.
- ✚ The criterion for evaluation is completely transparent. Each student puts his signature cross the marks given to him.

- ✚ As per their norms 10% marks are for internal assessment and 10% marks for their independent presentation and 5% for attendance. The record of class attendance is meticulously recorded by each teacher and submitted to the office on a monthly basis.
- ✚ Weekly tutorial meetings are held, which allow teachers to identify the strengths and weaknesses of individual students and address these, to facilitate learning outcomes. Tutorial assignments are given and evaluated to assess and communicate progress on a regular basis.
- ✚ During weekly class presentations, teachers help students in improving their communication skills and in developing their self-confidence. The presentations are assessed and the results communicated to the students.
- ✚ Class tests are another mechanism whereby students' progress is evaluated and communicated. Students are shown their answer-sheets and on request, given an opportunity to improve their performance in presentations and class-tests.
- ✚ The final marks of the Internal Assessment (including attendance, tests and presentations/projects) are calculated strictly as per university norms and communicated through the college web-site and notice-boards, and students are requested to bring any discrepancies therein, to the notice of the authorities. The stakeholders are informed about the internal assessment as detailed in section 2.5.1 and 2.5.2 to ensure transparency in the process.

2.5.6 What is the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?

- ✚ The University has no specific guidelines for graduate attributes. The DU prescribe a syllabi for each and every course. The semester end examination is based on the prescribed curriculum. To pass an examination is the essential qualification for a graduate.
- ✚ Each syllabus mentions some of the text books and the selected readings also, for better understanding of a subject. Though College emphasizes on the course but prefers that students should be aware or conversant with selected reading.
- ✚ The role of SVC is to help in a holistic development of its students. Regular class room teaching, independent projects and regular assessment in addition to organization of several conferences, symposiums and public lectures by eminent scholars help to achieve academic excellence.
- ✚ The College also encourages internships and field trips for hand-on experiences in analyzing approaching towards a specific observation or data.
- ✚ Further personality development is achieved through co-curricular and extracurricular activities of the college. The Fine Arts Societies, Sports Cell, Dramatics Society, Debate society and the intra college and inter college competitions help to spice up their lives, and inculcate in them team spirit and sportsmanship.
- ✚ The Social Service Society, Women Development Cell and the Equal Opportunities Cell sensitize them to their responsibility towards the society at

large. It ensures that the students become lifelong learners so as to become good and humane individuals.

- ✚ The rest of the ‘graduate attributes’ are specified in the vision, mission and objectives of the College (see 1.1.1).

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at college and University level?

Redressal of Grievance at the College Level:

- ✚ After evaluating the answer scripts and assignments, teacher show those scripts to the students, with pointing out the mistakes as well as suggestions for the better presentation and scores. Students can immediately convey his/ her grievance. Thus, concerned teacher is the first person for grievance redressal.
- ✚ The second step for grievance redressal is at the departmental level. A small committee is constituted at the department level named as Departmental Moderation Committee.
- ✚ Internal Assessment Marks are put up on the college website and the students are given time to check out their marks and give their grievances at the college level.
- ✚ At college level a high power Central Monitoring Committee for Internal Assessment is constituted by staff Council to address the complaints of the students.
- ✚ Before sending the Internal Assessment marks to DU, students can check their marks on the consolidated final result sheet, scrutinize it and do signatures, which indicates no grievance from his side.
- ✚ Students can directly approach the Principal, in case they are not satisfied at any step of the above written procedure.

Redressal of Grievance at the University Level:

- ✚ The Examination Branch of University prepares guidelines for addressing grievances related to Internal Assessment, Practical Exam result and the End Semester Exam result.
- ✚ Any grievance submitted by a student in the College is forwarded to the University for necessary action and rectification.
- ✚ The Dean Students’ Welfare appointed by the University can be approached is directly for redressal of grievances.
- ✚ The University has also amended the procedure and now provides the photocopy of the evaluated answer script on demand within a stipulated period to attend the grievance of the students.

2.6 Student Performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If ‘yes’, give details on how the students and staff are made aware of these?

- ✚ The clearly stated learning outcome policy is not yet formally initiated in the college but college welcomes this idea and ASC has started functioning into this direction.
- ✚ Teachers have already been informed to prepare a work plan of their teaching schedule, courses to be covered etc. After preparing the action plan, the respective departments hold meeting at departmental level and finally ASC will approve and the information will be uploaded on the college website and will display on the college notice boards.
- ✚ But, till date SVC believes in the following learning outcomes:
 - Learning outcomes are usually defined at our college as amalgamation of knowledge, skills, abilities, attitudes and understanding that an individual will attain as a result of his or her successful engagement in a particular set of higher education experiences.
 - As a constituent college of the DU, SVC seeks to implement the stated learning outcomes of the university, that the students would receive a strong education and worldly competence. This is facilitated by a wide choice of specialized subjects, and a number of skill-based applied courses in our college.
 - Within the university system, the learning process at SVC sets the students on the path of life-long learning and sensitizes them to their ethical and social responsibilities. It nurtures and hones their acumen and abilities, and equips them to become meaningful instruments of change. It provides them with an environment that is conducive to self-realization and empowerment.
- ✚ At the end of the course, the growth of an individual student is reflected in the high academic ranks secured by them in the DU examinations, the rich research experience gained by them in course-related and innovative projects, the lucrative placements secured by them, and the high positions achieved by them in various walks of life.

Awareness:

- ✚ Orientation programs at both college and departmental levels increase student awareness.
- ✚ The staff is made aware of these through departmental meetings, Staff Council meetings, and meetings with the Principal and/or the teacher-in-charge of the respective department.
- ✚ Any further notification/information is communicated through the Staff Council (for teachers), and college website and notifications on the college notice-board.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme. Provide an analysis of the students achievements (Programme/course wise) for last four years and explain the differences if any and patterns of achievement across the programs/courses offered.

To monitor the students’ progress and performance:

- ✚ The criterion and methodology of evaluation of progress and performance as per DU norms, are communicated to the students through the college prospectus, and at departmental orientation programs.
- ✚ The record of class attendance is meticulously recorded by each teacher and submitted to the office on a monthly basis, if short of attendance, then communicated to the student as well as to parents.
- ✚ Weekly tutorial meetings are held, which allow teachers to identify the strengths and weaknesses of an individual students and address these, to facilitate learning outcomes.
- ✚ Tutorial assignments are given and evaluated to assess and communicate progress on a regular basis.
- ✚ During weekly class presentations, teachers help students in improving their speaking skills and in developing their self-confidence. The presentations are assessed and the results communicated to the students.
- ✚ Class tests are another mechanism whereby students’ progress is evaluated and communicated.
- ✚ Each department analyze the Internal assessment marks of students and take necessary actions on its improvement.
- ✚ End semester examination result is also analyzed at the college and departmental level and on the basis of that policy of teaching can be reviewed/ changed for reading material.

Analysis of Students’ Achievements (Program/ Course wise):

Please refer to Table -04– Result Analysis (within college) & 04 – Result Analysis (with other colleges) in 5.2.2

Pattern:

DU AND UDSC RANKS (UG)																			
YEAR	DU RANKS									UDSC RANKS									Total
	Commerce			Humanities			Science			Commerce			Humanities			Science			
	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III	
2012	-	-	-	-	-	-	4	-	-	2	-	-	1	2	1	7	10	4	31
2013	-	1	-	1	-	-	8	6	4	-	2	1	7	7	2	9	15	14	77
2014	1	-	-	-	-	-	8	3	3	1	1	1	7	4	4	6	10	6	55
2015	Complete Data is not available with SVC till date																		
Total	1	1	0	1	0	0	20	09	07	03	03	02	15	13	07	22	35	24	163

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievements of the intended learning outcomes?

Teaching:

- ✚ Teaching begins on the very first day of each semester as per the university academic calendar, according to the schedule prepared meticulously by the Time-table Committee of the college.
- ✚ Besides these, tutorials are conducted on weekly basis by the teachers, and assignments given and evaluated.
- ✚ Class tests are also held and evaluated as part of Internal Assessment.
- ✚ Teaching continues till the date of dispersal of classes as notified by the University.

Learning:

- ✚ Learning is facilitated and regulated in various ways. It is impressed upon the student that regularity in class is imperative for systematic learning and meeting the requirements of the academic programme.
- ✚ During class and tutorials, students learn to overcome their diffidence as they are encouraged to ask questions and engage in discussions regarding the topic being taught or presented.
- ✚ During presentations, their speaking and communicative skills are honed, and their self-confidence is enhanced.
- ✚ While writing assignments, making presentations and taking class-tests, they develop their writing skills in terms of language, expression and organization of ideas and also learn time-management.
- ✚ While undertaking class level and innovative projects, they learn the importance of team-work, co-operation and inter-dependence.
- ✚ Students also attend guest lectures, and participate in departmental field trips and excursions which give them good exposure to a diversity of ideas, places, events and people.
- ✚ Students are also given the opportunity to opt for add-on courses of their interest, participate in debates, and write articles/poems for their departmental and college magazines, all of which contribute towards enhancement of their academic acumen.

Assessment:

- ✚ Assessment is structured as per DU norms, with 25% weightage given to Internal Assessment and & 75% to the end-semester examination.
- ✚ Students have to fulfill the criterion of requisite attendance as well as project/presentation and class test, as per the University norms.
- ✚ Attendance is submitted on a monthly basis by teachers, and compiled and notified by the college.
- ✚ Class presentations and tests are conducted by the teachers in their respective courses, and opportunity for re-test and/or improvement is also given to those who have missed these or have performed poorly, before compiling the

Internal Assessment record. The final marks of the Internal Assessment are calculated, communicated to individual students and their signatures taken.

- ✚ The results are then moderated by the Moderation committee of the department, notified on the college website, and students' grievances in this regard addressed, before they are forwarded to the university.
- ✚ Eligible students appear for the end-semester exam, results of which are communicated through the website of the University.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placement, entrepreneurship, innovation and research aptitude developed among students, etc.) of the courses offered?

The college has strived to create an environment within which result statistics cannot be taken in isolation of various other skills, abilities and attitudes essential for productive utilization of a student's learning capabilities. Other than providing the students a wide range of choices in terms of curricular selection, almost all departments are engaged with socio-economic relevance of classroom teaching. SVC has pursued this goal of contextual orientation in various ways:

- ✚ **Option of Courses:** Within the DU list of approved courses, college provides various options keeping in mind current developments and how these courses affect student aspiration. (For detail, see 1.2.3)
- ✚ **Film Shows and Lectures:** Film shows related to various issues of social relevance are screened periodically to sensitize staff and students. Public lectures that motivate students and arouse interest in specific topics are arranged.
- ✚ **Participation of Societies:** The reciprocal and collaborative form of social thinking is carried on further by various societies within the college which encourage students to participate in activities such as teaching underprivileged kids, blood donation camps, and sensitization drives based on gender, environment, disability, and other social issues. These societies undertake various voluntary activities to directly advance social goals and in still a socio-ethical approach towards education.
- ✚ The **Women's Development Centre** named '*Shakti*' celebrated its 25th year in 2012. Open to both men and women, it has made its mark in DU as a centre for training in leadership and gender equity. Through work-shops, seminars, inter-active sessions, street theatre, *sadhbhavna* tours, visits to NGO's and rural areas, poetry writing, debates, poster-making, news-letters and magazines, it has involved students in understanding the need for a serious campaign to empower women.
- ✚ The **Social Service Society** called '*Parivartan*', works with the motto, "*Be the change you wish to see*", and is rated as one of the best student groups working for social causes in DU. The society has been able to reach out to the underprivileged, poor and needy in numerous ways. Such as teaching slum-kids, organizing blood-donation camps, spending time with orphans, elderly and cancer patients, helping the differently-abled, planting and preserving trees, etc.

- ✚ The **Equal Opportunity Cell** has as its banner, ‘*Hum sab ek hain*’ and follows the directives of the EOC, DU, in creating equal space for differently-abled and minority children.
- ✚ **DBT Star College Status:** SVC well recognizes the importance of honing innovative and research aptitude towards socio-economic goals. Acknowledging the potential of the college, the DBT awarded the Star College status to the college under DBT Scheme for strengthening Life Science and Biotechnology education and training at undergraduate level. It provides academic and physical infrastructure and for achieving excellence in teaching and unique exposure of students to experimental science.
- ✚ **Outreach Programmes:**
 - *Adoption of a College (2013):* Under the DBT Star College Scheme the College has adopted a College- Padmavathy College, Tirupati, for student and faculty exchange.
 - *Adoption of School in Rural Sector (May 2015):* The College adopted a school (GSSS, Bhigan, Sonapat) for promotion of science in the school level under its Initiative “Taking Science to Schools”. The faculty demonstrated basic and simple experiments like Checking adulteration in milk samples, Living cells under microscope, Plants and microbial specimens, Blood grouping to generate interest at the classroom level.
- ✚ **Innovative Thinking** through DU Undergraduate Innovation Projects: Inter-departmental innovation projects helmed by teachers from related departments are a means of bringing students from different disciplines together in a cross-discipline dialogue to produce research that employs conceptual tools towards its local operation in the Indian context. (For detail, see 3.2.7) A stall was put up to highlight the achievements, which drew a large audience. Such projects not only engender an innovative methodology towards traditional disciplines but also create a sense of optimal utilization of intellectual activity within a useful socio-economic context.
- ✚ **Skill based Add on Courses:** The college is also highly concerned with the cumulative impact of learning towards the students’ employability in areas directly related to the course readings. We have been keenly aware that a graduate degree is for many students a direct means to gain employment at the end of the term of their study. Various Application and Add-On courses keeping in mind students’ demands have been introduced in this regard. Courses such as Bioinformatics, Travel & Tourism Management, Mass Communication & Journalism, Creative Writing, Foreign Languages (German) have been offered and continue to draw a sizeable student population each year.
- ✚ **Placement Cell:** Perhaps the most important role in creating an interface between institutional requirements and those that are lead by the market-industry has been done by the college’s Placement Cell. Over the past several years, SVC has managed to invite loyal recruiters from major companies such as Deloitte, Ernst & Young, KPMG, PWC, Google, Axis Consultancy, Verity Knowledge Solutions, Smart Cube, McKinsey, Airtel Group, Oberoi Group, Takshashila, S&P Capital IQ, Grand Thorton, Teach for India, R&F

Technologies, EXL Services Ltd. This year the college has added a fleet of new recruiters to absorb the budding talent of this esteemed institution such as FLIP, Promise group, University 18, Expert Global, Career Launcher, India Infrastructure, Kotak Mahindra, ITC Ltd. with many more companies yet to visit the campus. The recruiters offered varied profiles in the genres of Auditing, Analytics, Consultants, Merchant Banking, Hospitality, Content writing, teaching & creative writing considering the diversified talent pool. Throughout the academic year, various seminars related to resume' writing skills, communication skills and employability checks have been organized by the Placement Cell especially for the final year and pre-final year students to help them prepare themselves better and be in sync with the recruiters' demand.

- ✚ **Entrepreneurship Cell:** An ancillary of the very successful Placement Cell that exemplifies the institution's constant efforts at innovation is the newly formed E- Cell. Founded with the objective of nurturing creative entrepreneurial spirit amongst the youth, ASCEND (Ardent Souls Carrying Entrepreneurial Notions and Dreams) is an attempt to create a platform to invite successful entrepreneurs to have talks, discussions and workshops that may lead to some fledgling ideas in the field of entrepreneurship to understand the various challenges and provide means of successfully overcoming them so that students may benefit at the completion of their formal studies. ASCEND also organized their annual two-day festival which hosted a plethora of events presenting a unique platform to all the participants to showcase their passion and panache' in this field and thus grow and prosper with the experience gained.

2.6.5 How does the institution collect and analyse data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

- ✚ The College collects and analyzes the data on students' performance in multiple ways. Some are listed below:
 - While teaching in the class, teachers do some informal discussion and check the performance of the students.
 - Record of the performance of the students is maintained by each teacher in tutorials, presentations and class tests, and help is provided in overcoming their short-comings.
 - Internal assessment record is meticulously maintained, compiled and submitted to the office, and notified after moderation.
 - Academic results are an important indicator of student performance and learning outcomes. The college compiles the results of all the courses being offered, and analyses them every year in terms of pass percentage, number of first, second and third divisions, University positions, South campus and college positions, etc. The students' results are discussed and analyzed in meetings of individual departments as well as by ASC.

- Also, the Principal of the College holds regular meetings with the teachers of respective departments to discuss students' results in the exams so as to analyze the performance of the students and suggest measures for the improvement in their performance.
- The Internal Academic Audit among different departments of the college, initiated by ASC helps to accomplish objectives by bringing a systematic, disciplined approach to evaluate and improve the effectiveness of teaching-learning processes.

- ✚ The college adopts various measures to overcome the barriers of learning:
 - Freeship and Financial Aid is provided to needy and meritorious students. This is monitored by the Freeships and Financial Aid Committee.
 - Remedial classes are conducted for students who are weak in English.
 - A Counselor is employed to address specific problems of students and counsel them regarding the same.
 - The EOC of the college provides equal opportunity to differently-abled and minority students.
 - Library provides technical assistance in the library for visually impaired students.
 - North-east student Association ensures that the students from those parts of the country feel a sense of identity and are integrated into the culture of the college
 - Individual teachers discuss academic aspects such as tutorials, presentations, and class-tests as well as specific learning problems with students to help them overcome their weaknesses.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

- ✚ The college monitors and ensures the achievement of learning outcomes as stated in the vision and mission of the SVC at 1.1.1 and in 2.6.1 above.
- ✚ Monitoring the outcomes of learning, SVC strictly adhering to the rules and regulations of the University regarding attendance, academic schedule, internal assessment norms and conduct of examinations.
- ✚ The ASC is committed towards monitoring the achievement of the learning outcomes and setting progressively higher standards for the college in this regard. It plays a proactive role in enhancing the quality of the academic and co-curricular endeavors of the college.
- ✚ Individual departments and teachers make constant efforts to monitor and ensure the achievement of learning outcomes.
- ✚ Feedback and suggestions from teachers as well as students also helps in improving the quality of education which ensures the achievement of learning outcomes.
- ✚ Regular meetings at the Departmental level and staff council are held that promote discussions and suggestions to monitor and ensure the achievements of learning outcomes.

- ✚ Sports activities are encouraged and the progress of Sports are evaluated from time to time by Sports Committee and ASC.
- ✚ College provides enough space for extra-curricular and co-curricular activities and has a very vibrant Fine Arts Society.
- ✚ More details are in Criterion III & V

2.6.7 Does the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘yes’, provide details on the process and cite a few examples.

- ✚ Yes, assessment/evaluation outcomes are seen as significant indicators of student performance, achievement of learning objectives and planning in the college. The college assessed the performance by:
 - Awarding meritorious students with various prizes/awards/medals/scholarships during the Annual Day function. There are 23 categories of these. (see detail in Criterion V)
 - By introducing the Feed Back Form.
 - Academic Audit by ASC
 - Meetings with the Principal
- ✚ Few examples based on such feedback/ assessment:
 - The college has purchased some the books in Arts and Social Science in Hindi medium also, to cater the need of some Delhi and outstation students, who were not so good in English, but staying in SVC they grasp the language gradually.
 - Similarly, this year (2015-16), the College Prospectus/ Information Bulletin is also bilingual.
 - Some departments utilize part of their associational funds to give away prizes to students who top their course at the end of each year or participate in Inter College Functions.
 - Some departments also encourage and promote the participation of high-performing students in seminars, debates and other academic activity within and outside college.
 - Individual teachers encourage high performing students by giving them responsibilities in class-based activities and motivating them to excel further.
 - They are also selected as office-bearers in the respective departmental associations.
 - The weaker students are also encouraged to assist by engaging them in group study, and helping them in the group presentations in class.

Any Other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

- ✚ The college with the collaboration of TTD wants to pursue its vision on top priority with imparting the knowledge of Indian Culture, Values and Vedic

Wisdom. The *Dharma Pracara Parishad* already sponsored a conference in the college (Department of Sanskrit) to attract the youngsters to our own treasure of knowledge. The SVC wants to formalize this as an annual feature of the college on national/ international platform, and will discuss it in the next Governing Body Meeting.

- ✚ Though the college is already environment friendly, still wants to bring this idea on top priority and to the masses. The Green audit (see in criterion VII) is already done. The students, teachers and non- teaching staff work in collaboration for the protection of greenery, its flora and fauna and use in public domain. (Department of Botany & Zoology). In essence the ancient knowledge of *Ayurveda* and *Vanaspati* and modern scientific progress should go side by side.
- ✚ As the college has a generous funding from DBT and already a number of projects are going on in the campus, but the college wants that the general public should be benefitted directly or indirectly from their scientific knowledge. While pursuing research in Tuberculosis and other medical biochemical techniques (Department of Biochemistry), college conducts social awareness drives for general hygiene and eatables. This may be the other pilot project of the college.
- ✚ In the present scenario, radiation of mobile towers and other machines used in medical diagnostics is a burning question in public. A project funded by DRDO is already initiated in this direction (Department of Physics). Most probably, the outcomes of it may be beneficial for masses.
- ✚ The SVC believes that Prevention is better than Cure, therefore conducts the Yoga Classes (Department of Physical Education & Sanskrit) in the morning on college campus. The college finds a great scope in this direction and already started working in this direction for the benefit of public and may start meditation center also, very soon.
- ✚ No educational or public policy can be framed without the proper census. The department of Statistics, Commerce and Sociology work in collaboration and provide data for any new initiative. A successful project of Scavengers is already done by Sociology Department.



SRI VENKATESWARA COLLEGE

**CRITERION III
RESEARCH, CONSULTANCY
AND EXTENSION**

CRIETERION III - RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

Research is an integral part of SVC. A modest beginning of two decades ago with a handful of teachers, interested in research has come a long way. Today, most of the faculty members are engaged in creating new knowledge, and SVC brings an innovative, entrepreneurial spirit to this work of discovery. The prime work of this institution is teaching to the undergraduate students but teachers conduct research beyond curriculum.

Research at SVC is fueled by excellence, innovation and ambition. The teachers believe that learning is a two way process. Students benefit from the wisdom, knowledge and experience of a mentor, while faculty members benefit from the questions students ask, the discoveries they make and the energy they bring to the research project.

3.1.1 Does the institution have a recognized research center/s of the affiliating university or any other agency/organization?

The College does not have a recognized research center of the affiliating University. However, the college values innovation and creativity by its faculty and students, and has made attempts on its own to house such facilities in the campus. We have been successful in establishing the following specialized centers with generous technical and financial help from the Department of Biotechnology (DBT), Ministry of Science & Technology, Govt. of India.

- ✚ **The Yellapragada Centre for Science & Innovation:** The college was awarded the DBT-Star College scheme in 2010 and was successfully promoted into the *Star College* Status in 2014. As part of the initiative, the college has developed a state-of-the-art center that houses several scientific instruments routinely used by the staff and students for research as well as for classroom teaching.
- ✚ **DBT-BTIS net funded Bioinformatics Infrastructure Facility (BIF):** BIF has been awarded by the DBT to promote Bioinformatics research and teaching at undergraduate level and was established in the year 2007 under the DBT-BTISnet (Biotechnology Information System Network). The objective of the center is to excite students to study Biology through a Bioinformatics platform. It is the first Bioinformatics Center established in the University of Delhi and North India for the benefit of training students at undergraduate level.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

- ✚ As the college is actively engaged in research activities and a number of major, minor and innovative projects are awarded to our faculty members, therefore, SVC duly constituted a research committee in 2013 and later amended in 2015, assigned their duties, functions and responsibilities with proper accountability to initiate and support the research schemes, aims and objectives. The composition of the Research Committee is as follows:
 - Principal – Chairperson
 - Bursar
 - IQAC Convener
 - ASC Convener
 - Convener/ Member of the Ethical Committee
 - Principal Investigators/ Mentors/ Supervisors
 - Student Representative (nominated or elected by the research committee), if necessary.
- ✚ After due deliberations and discussions, the functions of Research Committee were decided as under:
 - Encourage and motivate young faculty to initiate research projects in college.
 - Furnish and notify the information regarding the funding agencies for various research projects, and upload the information on college website.
 - To promote an interdisciplinary approach in research activities.
 - Maintain transparency for recruitment of research project personnel.
 - Provide help in organizing the seminars, workshops and conferences.
 - Monitor purchase and maintenance of equipment for central instrumentation facility.
- ✚ Some of the recommendations made by the Committee are as follows:
 - A meeting convened by the Principal (Chairperson), held in March 2013, at Seminar Room, in college premises to discuss the Research Project related issues. The following recommendations were made:
 1. Responsibility should be fixed or assigned to one person in the college accounts section, who will invite quotations, prepare comparative statements, process order for purchase for research equipment.
 2. Accounts branch should also help in maintaining stock register, processing bills and prepare the utilization certificate for projects.
 3. Constitution of the selection committee for appointing JRF/ SRF/ RA and Project Fellow was also discussed.
 4. Some places were marked in the college, where proper space can be allotted to the researcher.

5. The status of seminars, workshops etc. and their progress was also evaluated for future programs.

The impact of these recommendations were noticed by one and all, when a vibrant research culture in the college with execution of research projects became more streamlined. Consequently, a significant number of teachers and students now a days getting attracted towards research activities.

The Research committee meets frequently and all its proceedings are well documented. It also addresses any concern or issue regarding the diverse area of research and facilitates smooth and uniform functioning of all the projects in the college. Synthetic Organic chemistry or Nuclear physics, each project is dealt individually according to its requirement.

- Second meeting was held on 17th April 2013 in Principal's room, to ensure that research at SVC should be in accordance with the recent rules and norms laid down by the national agencies as UGC, DU, DBT etc. As a result, an ***Ethical Committee*** is formed for all the projects of Biology that involve use of animals, blood samples and pathogens etc., to monitor and check the use of animals, cruelty towards nature and mankind and other ethical issues. The following members were elected/ nominated for the purpose, in accordance with the guidelines of ICMR.

✓ Dr. Pawan Sharma	Chairperson, Senior Consultant, Health Care
✓ Dr. M. M. Paithankar	Representative, Basic medical science
✓ Dr. Sreelatha	Clinical medicine expert, Safdarjung Hospital, New Delhi
✓ Shri Sanjeev Khurana	Legal Expert
✓ Ms. Tulika Niyogi	Social Scientist/ NGO
✓ Any representative	Lay person of the community
✓ Dr. P. Hemalatha Reddy,	Principal, SVC & Member Secretary

It is mandatory to get clearance from the above constituted committee for the publication of any research paper/ book.



The first meeting of the Ethics Committee was held on Wednesday, 17th April, 2013 to consider the requirement of the research scholar Ms. Meeta Advani under the supervision of Dr. P. Hemalatha Reddy, in connection with the publication of her research paper entitled “Calmodulin like protein from *M. tuberculosis* H37Rv is required during infection” in an international journal.

3.1.3 What are the measures taken by the institution to facilitate smooth

progress and implementation of research schemes/ projects?

A steady rise in the number of faculty members and students engaging in undergraduate research is a clear reflection of the procedural and strategic support provided by the institution.

+ Autonomy to the Principal Investigator:

The PIs have full autonomy in deciding the research area, research methodology, choice of books and instruments/equipment etc., as per the rules of the funding agency for conducting the specific research project.

+ Timely availability or release of resources:

The college administration ensures a timely release of funds to the PI, received from the funding agencies. The college releases grants subject to the submission of the project report as per the rules laid down by the respective funding agencies.

+ Adequate infrastructure and human resources:

- College provides adequate space to establish laboratories to conduct research. In addition, it also offers a Central Instrumentation Facility, that houses common basic equipment and high-throughput advanced instruments to accelerate research.
- The library enables the faculty and students to access books, journals, etc. for research.
- The manpower for research projects are recruited as per the sanctions and norms of the respective funding agency.

+ Time off, reduced teaching load, special leave etc. to teachers:

As per the amendments done by EC on 17-08-2013, to ordinance XIII of University Calendar, Vol. I, 2004, page no. 372, Assistant and Associate Professors are benefitted for the reduced teaching load, in case, they pursue research on college campus, otherwise reduced teaching load is not directly permitted as per the rules of DU. College grants study leave, sabbatical leave etc. to meet the challenges of successful research work, within the framework of DU rules and regulation.

+ Support in terms of technology and information needs:

The college understands that the need of the hour is to focus on ICT as an instrument of knowledge dissemination. The college has a dedicated computer center with internet connectivity available for the faculty and students. It also provides easy accessibility to journals and books through its library.

+ Facilitate timely auditing and submission of utilization certificate to the funding agencies:

The college conducts annual auditing for the research grants received from different funding agencies. The accounts department of the college helps in preparation of Utilization Certificate and Statement of Expenditure for all the grants received at the end of each financial year.

+ Any other:

Access to Neighboring Institute Facility/Networks

Located in the heart of the city, SVC is placed in the vicinity of UDSC that has well equipped laboratories and specialized centers for advancing research at academic institutions. We have within a radius of 8 km national research institutes of high repute such as NII, NIPGR, JNU and ICGEB. The Faculty and staff are encouraged to interact with eminent researchers and scientists in these institutes. Such interactions have successfully fostered collaborative research projects. The college encourages students to use the Central Instrumentation Facility of UDSC and its Central Library. Through the NKN, the students also have access to E-Journals and Publications.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

SVC believes that teaching is more than just instruction. The ideology of our college reflects in the quote of a notable writer Benjamin Franklin – *“Tell me and I forget. Teach me and I remember. Involve me and I learn.”* SVC creates an academic environment that ignites and fosters student’s interest in scientific temper and research culture. The methods and efforts have been adopted by our faculty members are as follows:

- ✚ Teaching and learning methodologies are strictly discussed in departmental committees.
- ✚ The orientation of teaching is question based. For example: questions such as Why? How? What? When? Where etc.? are encouraged. In this way, a student develops a possible hypothesis, plan out experiments, analyze results and finally approve or disapprove a hypothesis.
- ✚ They are motivated to tackle small problems that are extensions of the curriculum classroom teaching. All the departments assign projects to the students to judge and evaluate their creativity.
- ✚ Most of the departments guide the students’ presentation at least once a semester.
- ✚ Participation in Innovative projects are encouraged where the students of humanities, commerce and sciences share the same platform, and interdisciplinary discussions opens new research experiences in life. (see: detail in 3.2.7)
- ✚ Intra and Inter College competitions on paper reading, group discussion, poster making etc. are organized by almost all the departments, once a year. (For detail see point no. 32 in ERD of all departments).
- ✚ Critical thinking is promoted in tutorial classes.
- ✚ Students are advised to attend and participate in the academic discussion in the seminars, and conferences, organized by any department.
- ✚ Field work, trips, educational tours are promoted, which enhance the practical knowledge of students. (see detail in ERD, point no. 32)
- ✚ Students are encouraged to write articles, essays, experiences and scientific observations etc. and the same are published in our college magazine ‘Neerajana’ annually.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

The data is listed for the last five years i.e. 2010 to November 2015.

- ✚ 23 faculty members are actively involved in research activities.
- ✚ 15 faculty members are supervising 35 Ph.D. scholars.
- ✚ More than 80 faculty members have been guiding 280 undergraduate students in Innovative Projects. The detail is as under:

Table: 3.1: Research Projects and Supervision

<i>S. No.</i>	<i>Department</i>	<i>Name of the Faculty</i>	<i>Number of Research Projects</i>	<i>No of Ph.D students</i>
1.	Biochemistry	Dr. P. Hemalatha Reddy	1	2
2.		Dr. Meenakshi Kuhar	-	1
3.		Dr. N Latha	4	2
4.		Dr. Nandita Narayanasamy	-	1
5.		Dr. Vandana Malhotra	1	-
6.	Botany	Dr. Neeti Mehla	1	-
7.		Dr. Amit Vashisht	1	
8.	Chemistry	Dr. R. P. Singh	2	2
9.		Dr. Sharada Pasricha	1	-
10.	English	Dr. Indrani Sen	2	-
11.	Hindi	Dr. Richa Mishra	-	1
12.	History	Dr. I. Thirumali	1	-
13.		Dr. Neeraj Sahay	1	-
14.	Maths	Dr. Swarn Singh	-	4
15.	Physics	Dr. K. C. Singh	3	2
16.		Dr. B. Biswal (recently joined DU as Professor)	-	2
17.		Dr. Anant Pandey	3	2
18.	Sanskrit	Dr. Punita Sharma	-	12

19.	Tamil	Dr. S. Vivekananthan	1	1
20.		Dr S. Seenivasan	1	1
21.	Zoology	Dr. Rajesh Saxena	1	-
22.		Dr. Vartika Mathur	5	1
23.		Dr. Om Prakash	1	1

Details are available in ERD of all departments.

3.1.6 Give details of workshops/training programs/ sensitization programs conducted/ organized by the institution with focus on capacity building in terms of research and imbuing research culture among the staff and students.

Various departments of the College have organized seminars/workshops/invited lectures/sensitization programs in order to inculcate research culture among the staff and students. The details for the period (2010-2015) are as follows in descending order:


 **Table: 3.2: International Conference:**

<i>Department</i>	<i>Theme of the Conference</i>	<i>Held on</i>	<i>Funding Agency</i>
Biochemistry	Emerging Trends of Nanotechnology in Drug Discovery	May 26-27, 2014	DBT, DU & DST

 **Table: 3.3 : National Conferences/ Seminars/ Symposiums:**

<i>Department</i>	<i>Theme of the Conference/ Seminar/ Symposium</i>	<i>Held on</i>	<i>Funding Agency</i>
Biochemistry	Symposium on ‘Proteomics’	March 16, 2015	DBT
Biochemistry	Symposium on ‘Mathematical & Computational Biology’	March 10, 2015	NNMCB
Sanskrit	Conference on ‘Relevance of Ancient Indian Wisdom in Modern Society’	March 20-21, 2013	TTD
Biochemistry	Symposium on ‘Ramachandran Manifestation: Peptide to Proteome’	March 14-15, 2013	DBT
Biochemistry, Botany, Chemistry & Zoology	Symposium on ‘Recent trends in Innovative Research at Under graduation: Science and Society’	Feb 28 – March 2, 2013	DU & DBT

Biochemistry	Computational Approaches for Lead Optimization in Drug Discovery	Dec 22-23, 2011	DBT
Sanskrit	Conference on ‘Convergence of Science & Spirituality’	Nov. 5-6, 2011	Indian Institute of Science & Spirituality & ISKON, Delhi
Botany	Conference on ‘Ecology and Environment management: Indian Scenario’	Feb 24-26, 2011	Ministry of Earth Sciences
Chemistry	Seminar to celebrate ‘International Year of Chemistry’	2011	UGC
Biochemistry	Trendy’s in Biochemistry “A National Forum to Discuss with a Difference Frontier Areas & Emerging Concepts in Biochemistry and Molecular Biology”	Nov 12-13, 2010	JNU
Economics	Public Policy and Delivery in Post-Reform India: Challenges Ahead	Sep 20-21, 2010	Planning Commission, Govt. of India

 **Table: 3.4: Workshops:**

<i>Department</i>	<i>Theme of the Workshop</i>	<i>Held on</i>	<i>Funding Agency</i>
Physics	Cosmology (INAAD Program)	Sep. 4-5, 2014	UGC & DBT
Biochemistry	Bioinformatics for College Teachers	Feb. 7-9, 2013	DBT
Zoology	Scientific Writing and Publishing	Feb 6, 2013	DU
Commerce	SEBI and Investor Awareness’ in collaboration with SEBI	August 17, 2012	SEBI & SVC
Biochemistry	“IMMUNIS”	May 14-18, 2012	DBT
Biochemistry, Botany, Chemistry & Zoology,	For Laboratory Staff in Chemical & Life Sciences	March 5-6, 2012	DBT
Chemistry	Recent Trends in Chemistry (National)	March 2012	DBT
Physics	Virtual Observatory	2011	UGC
Biochemistry	Computational Approaches for Lead Optimization in Drug Discovery	Dec 22-23, 2011	DBT
Biochemistry	Open House Meet For Schools	October 20, 2010	DBT
Physics	Dynamics Day	2010	

- ✚ **Special Lectures:** Almost all the departments has organized special lectures for the enhancement of knowledge for students and faculty. Detail is written in ERD in point no. 24.

✚ **Table: 3.5: Sensitization Programs:**

<i>Department</i>	<i>Theme of the Program</i>	<i>Held on</i>	<i>Funding Agency</i>
Entrepreneurship Cell	ASCEND – Entregenesis	Feb 3-4, 2015	DU

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

The institution has well qualified faculty involved in research activities as cited in 3.1.5. Besides this, all the members of the faculty are expert in one or the other field of their respective subject. A summary is given below:

✚ **Table: 3.6: Research Expertise of various departments:**

S. No.	Department	Name of the Faculty	Area of Expertise
1	Biochemistry	Dr. P. Hemalatha Reddy	Tuberculosis Drug Discovery
2.		Dr. Meenakshi Kuhar	Programmed Cell Death, Apoptosis & Mitochondrial Biology
3.		Dr. N Latha	Molecular Modeling & Simulations, Immunoinformatics
4.		Dr. Nandita Narayanasamy	Nutritional Biology, Public Health & Immunology
5.		Dr. Vandana Malhotra	Tuberculosis Pathogenesis and Signal Transduction
6.	Botany	Dr. Neeti Mehla	Plant Tissue Culture and Genetic Transformation
7.		Dr. Amit Vashishtha	Plant Genetic Diversity and Microbial Endosymbionts
8.	Chemistry	Dr. R. P. Singh	Synthetic Organic Chemistry and Fluoro-organics
9.		Dr. Sharada Pasricha	Natural Product Chemistry
10.	English	Dr. Indrani Sen	Women Studies
11.	Hindi	Dr. Richa Mishra	Medieval Literature
12.	History	Dr. I. Thirumali	Modern History

13.		Dr. Neeraj Sahay	Ancient India
14.	Mathematics	Dr. Swarn Singh	Computational Methods for differential equations
15.	Physics	Dr. K. C. Singh	Electroceramics
16.		Dr. B. Biswal (Recently joined DU as Professor)	Nonlinear Dynamics
17.		Dr. Anant. Pandey	Radiation Physics
18.	Sanskrit	Dr. Punita Sharma	Grammar, Jyotisa and Indian Philosophy
19.	Tamil	Dr. S. Vivekananthan	Tami Language & Literature, Archaeology, Manuscriptology
20.		Dr. S. Seenivasan	Tami Language & Literature, Comparative Indian Literature, Modern Literature
21.	Zoology	Dr. Rajesh Saxena (Retd.)	Ciliate Biology
22.		Dr. Vartika Mathur	Animal-plant interactions, Plant Immunity
23.		Dr. Om Prakash	Fish immunology and Toxicology

For Individual expertise: See ERD/ Refer: Table - 05

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

- ✚ Almost all the departments and associations of the college invite speakers of eminence in the college to enrich the knowledge of staff and students. Conferences, Seminars, Workshops, Academic lectures are the part of academics in SVC. In the last five years (2010-15), the college has invited 244 scholars of eminence from India and abroad to participate in talks, interact with the students and faculty members and for special lectures.
- ✚ Our association with prominent national agencies such as DBT, DST, ICMR, AIIMS, CCMB, IISC, IIT and ICSSR have helped us to interact and invite reputed researchers from these institutes, for the benefit of students.
- ✚ Talks and informal interactions take place either under the aegis of the science association or by individual departments. These events are particularly popular with the students as they get a feel of the real research world that exists outside the boundaries of the college. They are motivated to reach out and explore more possibilities in the vast world of research.
- ✚ Panel discussions are also held to provoke the students into a dialogue with the scientists, social scientists, doctors and other specialized professionals to address key issues in science and society today.
- ✚ SVC has the privilege of being associated with the SCIENCE SETU program, an initiative of the DBT, Govt. of India. The aptly named program aims at bridging the gap between undergraduate teaching colleges and prominent

research institutes. Under the aegis of this initiative, the college has embarked into an association with NII, New Delhi and also signed a MoU with them. Three eminent research scientists of NII, Dr. A. C. Banerjee, Dr. Vinay Nandicoori and Dr. P. Taylor have paid visit and interacted with our students on contemporary issues such as HIV AIDS, Immunology and Virology etc.

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

- ✚ The provision for Sabbatical Leave for college teachers has been made in the Leave Rules of DU in 2013. The college encourages the faculty members to write books and conduct research by providing sabbatical leave under Faculty Development Program.
 - 05 teachers availed this opportunity and 02 of them have successfully completed their work.
- ✚ Due to the provision of sabbatical leave, the quality of research and the research culture in the campus improved in the following ways:
 - SVC has grown in terms of national and international quality resource persons and experts in various fields for conducting research methodology, seminars and workshops.
 - Teaching-learning quality in the institution has improved to attain higher degrees.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/ advocating/ transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

Any academic research either in sciences, social sciences, commercial or humanities should be beneficial for society in any of the way, i.e. directly or indirectly. Research and society is not only complementary but are mutually non-exclusive. SVC is aware that all major funding agencies and research grants are indirectly giving us the tax payer's money. As an institution, we are sensitive and feel that if findings of a laboratory are made available to the people, then we are really doing justice to all our funding. Since our science departments have no direct association with the industry, we give our due to the society in the form of publications in journals as well as in the form of abstracts for conferences, several of which have undergraduate students as authors. Higher numbers of good publications help us to contribute in establishing the credibility of our country in the global scientific scenario.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

Being the constituent college of DU, we get 95% grant from the UGC and rest 5% is contributed by our trust – TTD. The prime responsibility of this institution is to teach UG classes. Therefore, no budget is earmarked for research. The college encourages the faculty to submit the research proposals to various funding agencies. Today we proudly wish to state that the relentless effort of our faculty members has brought us to a stage, where SVC has an extra mural funding reaching the magic figures of 3.5 crores.

 **Table: 3.7: Detail of Expenditure etc.:**

<i>Funding Agency</i>	<i>Purpose/ Department Benefitted</i>	<i>Grant Received (in Rs.)</i>	<i>Major Heads</i>	<i>Financial Allocation</i>	<i>Actual Utilization/ Expenditure incurred (in Rs.)</i>	<i>Year</i>
Dr. K. Chandramani Singh (Department of Physics)						
UGC	Research Project	9,04,682	Equipment	520000	519112	2008-2011
			Contingency	45000	44918	
			Hiring Services	30000	20660	
			Chemicals & Glassware	60000	59380	
			Overhead	42300	42245	
DST	Research Project	30,51,841	Manpower costs	780000	849420	2012-15
			Consumables	80000	76145	
			Travel 45.	75000	74863	
			Contingencies	100000	89907	
			Characterization charges	50000	17165	
			Equipment	1611255	1608524	
			Overhead expenses	500000	493019	
DST	Research Project	18,50,000	Non-recurring: Equipment	1300000	Ongoing	2015-18
			Recurring– A (Manpower, Consumables, Travel, Other Cost, Contingencies)	1070000		

			Recurring – B: (Overhead charges)	474000		
Dr. Vartika Mathur (Department of Zoology)						
UGC	Research Project	9,82,000	Non Recurring:			2010-14
			Books	12,000	12,227.00	
			Journals	5,00,000	5,00,137.00	
			Recurring:			
			Contingency	1,50,000	1,50,088.00	
			Hiring Services	1,50,000	1,54,283.00	
			Chemicals & Glassware	1,00,000	99,991.00	
			Overhead	40,000	40,793.50	
			Travel	30,000	30,000.00	
RTF- DCS NAM S&T centre	Research training Fellowship for Developing Country Scientists (RTF-DCS)	2,70,000	Consolidated fellowship for the training fellow @35,000/-	2,10,000	2,10,000	2015
			Travel	15,000	15,000	
			Contingency	30,000	30,000	
			One time lab expenses	15,000	15,000	
SERB	Research Project	23,00,000	A. Non - Recurring 1. Equipment	5,80,000	Ongoing	2014-17
			Recurring Man power, consumables, Travel, Contingency	14,70,000		
			Overhead	2,50,000		
Dr. Vandana Malhotra (Department of Biochemistry)						
DBT	Research Project under Bio CAre Women Scientist Scheme	15,97,622 (June, 2015)	Equipment	1,07,622	Nil	2015
			Contingency	50000	Nil	
			Chemicals & Glassware	900000	Nil	
			Overhead		Nil	
			Manpower	50000	60,000	
			Travel	45,000	Nil	
Any Other	40,000	Nil				
Dr. S. Vivekananthan (Department of Tamil)						

UGC	Major Research Project	7,04,200	Equipment	90,000	91,329	01-02-11 to 31-01-13
			Contingency	50,000	51,420	
			Hiring Services	40,000	43,300	
			Overhead	28,200	12,000	
			Manpower (Project Fellow)	3,36,000	3,10,838	
			Travel & Field Work	80,000	86,761	
			Books & Journals	80,000	81,221	
Dr. S. Seenivasan (Department of Tamil)						
UGC	Major Research Project	3,26,000	Books & Journals	50,000	51,641	2010-12
			Contingency	50,000	50,074	
			Hiring Services	40,000	40,000	
			Travel & Field Work	1,00,000	99,930	
			Overhead	18,600	15,655	
			Manpower (Project Fellow)	96,000	96,000	
			Dr. N. Latha (Department of Biochemistry)			
DBT-BTISnet	Creation of BTISnet – Bioinformatics Infrastructure Facility (BIF)	103.202 Lakh	Non Recurring	4,05,05,000	37,57,389	2006-till March 2015
			Manpower	15,92,900	11,37,584	
			Contingencies	28,61,000	21,49,045	
			Travel	3,51,859	2,88,074	
			Training & Workshops	4,55,100	3,24,138	
			Traineeship & Studentship	6,60,372	4,68,228	
			Database & Journals	50,000	50,000	
			Internet Connection	3,00,000	3,00,000	
DBT-Centre of Excellence Project	DBT-CoE in Genome Sciences & Predictive Medicine	32.75 Lakh	Equipment	10,00,000	10,00,038	2008-14
			Manpower	18,25,000	12,50,678	
			Contingencies	86,000	46,031	
			Consumables	2,06,000	2,06,154	
			Travel	72,000	62,254	
			Overheads	86,000		

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the

faculty that has availed the facility in the last four years?

As stated in 3.2.1, the prime work of SVC faculty is teaching to UG students and there is no provision for having any seed money for research as a separate budgetary head. However, with the sincere efforts of the following faculty members, duly supported by the administration, 07 teachers have been successful in establishing several well equipped laboratories and Central Instrumentation facility for their research work.

 **Table: 3.8: Seed Money to the faculty for Research (last four years):**

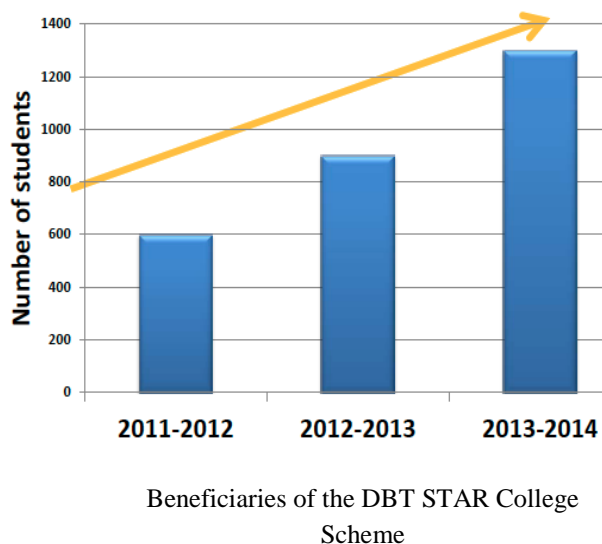
<i>Teacher's Name</i>	<i>Department</i>	<i>Amount Disbursed</i>	<i>Funding Agency</i>
Dr. P. Hemalatha Reddy	Biochemistry	11.00 lakh (2002)	DBT
Dr. N. Latha	Biochemistry	20.0 lakh (2006)	DBT-BTISnet
Dr. Vandana Malhotra	Biochemistry	15.97 lakh (2015)	DBT- BioCare
Dr. R.P. Singh	Chemistry	14.86 lakh (2008)	DRDO
Dr. Anant Pandey	Physics	20.16 lakh (2008)	DST
Dr. K. Chandramani Singh	Physics	9.83 lakh (2008)	UGC
Dr. Vartika Mathur	Zoology	9.82 lakh (2011)	UGC
Dr. Om Prakash	Zoology	9.18 lakh (2009)	UGC
Dr. Neeti Mehla	Botany	14.00 lakh (2014)	DST-SERB
Dr. Amit Vashishth	Botany	11.50 lakh (2013)	DST-SERB
Dr. S. Seenivasan	Tamil	3.54 lakh (2010)	UGC
Dr. S. Vivekananthan	Tamil	7.04 lakh (2011)	UGC

Percentage of the faculty that has availed the facility – $12/179 = 6.07\%$

3.2.3 What are the financial provisions made available to support student research projects by students?

The college has three major ways to give financial support to students involved in research:

1. DU Innovative projects have the provision of giving a fellowship of Rs. 1000/- per month, for ten students in a project. In the last two cycles of these innovative projects, 160 of our students have benefitted. (see 3.2.7)
2. DBT STAR College status empowers the college to financially help the students involved in Star college projects by funding the research associated activities like purchase of chemicals, participation in conferences and symposia etc. Around 1600 students from various departments and 70 faculties have been benefitted from DBT STAR projects during 2011-2015. (see table of beneficiaries)



- SVC also financially supports field and industrial visits of students to enhance their exposure to cutting edge technology.

3.2.4 How does the various departments/ units/ staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Interdisciplinary research has been the forte of SVC and over the years there have been many success stories that have emerged out of its cosmopolitan research environment. The college is well known to encourage and motivate the teachers to pursue research work without limiting themselves within the boundaries of their own disciplines.

The DU has awarded 16 Innovative Projects (2012-15) to SVC (see 3.2.7), interdisciplinary in nature. **Undertaking the interdisciplinary projects:**

- ✚ Faculty members do thorough academic discussions among themselves.
- ✚ Share their classroom experiences and the curiosity of the pupil.
- ✚ While teaching, they judge the students in the class, interact with them, encourage them to raise questions and then make their mind to think in that particular direction, in which students' curiosity can be satisfied.

Examples of Successful Endeavors:

- ✚ All innovative projects were showcased in *Antardhvani*, the Annual Festival of the DU and received accolades from visitors of the exhibition. Three examples are given below:
 - 'Survey of tree species of Delhi
 - Region and screening of selected plants for anti-cancer activity' (2012-13) project is carried out by Biochemistry, Botany and Chemistry: A very

useful research for the benefit of man, as cancer disease is spreading very fast, and the medical expense is high, if plants can be useful, then the common man can have home-made remedies. Moreover tree plantation will be encouraged in society.

3. 'Potential of Organic Farming in combating salt stress' (2013-15) is another important project of Botany and Economics teachers. It demonstrates the potential of organic farming on stressed plants and its impact on the economic status of the farmer.
4. 'Hindi Bhasha ka Adunikaran' (2013-15) is the joint research project of Hindi and Sanskrit department, which tries to find out the reasons of structural change in Hindi Language. As modern Hindi has changed its nomenclature and now far from the mother language Sanskrit and turned more, towards various Indian dialects.

SVC believes that academic research and financial growth should go simultaneously by maintaining our own tradition, language and culture.

Challenges faced:

- ✚ Space and Infrastructural problems for discussions.
- ✚ Difficult to find the common time except holiday as the students and teachers of different disciplines have different time tables.
- ✚ Shortage of time along with teaching and other co-curricular activities, due to semester system.
- ✚ The students' orientation is much different due to the heterogeneous group, it takes time to come on the same platform.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The college ensures optimal use of various equipment and research facilities with the help of teaching, non-teaching staff (lab staff etc.) and students. Thus:

- ✚ All TICs maintain record of the equipment purchased during his/her tenure and handover that register to the next TIC (as TIC is by rotation in SVC).
- ✚ In science departments, lab-staff also, share this responsibility.
- ✚ The departmental facilities and instruments are available for use by the teachers and students for day-to-day practical classes, research projects, and in organizing seminars/workshops.
- ✚ Not only is the staff trained in specific use of a particular instrument but also in its regular maintenance.
- ✚ It is ensured at the time of procuring an instrument that the product specialist gives a demonstration to the faculty and laboratory staff about the various parts and use of the instrument.
- ✚ Stock registers of equipment are also maintained to monitor use.
- ✚ The library and the labs can be made available till late hours and on holidays also, on request or prior permission of the Principal.
- ✚ Internet connectivity is round the clock.

- ✚ The sports facilities are made available to all the stakeholders on demand and to host the other functions of the college.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If ‘yes’ give details.

In the last 4 to 5 years, almost all the leading funding agencies namely UGC, DU, DBT, DST, SERB, DRDO, ICMR and ICSSR have generously granted us several institutional and individual projects. The following illustrations aptly reflect the growth of research in our college during the last four years.

Research Projects (2010-2014)

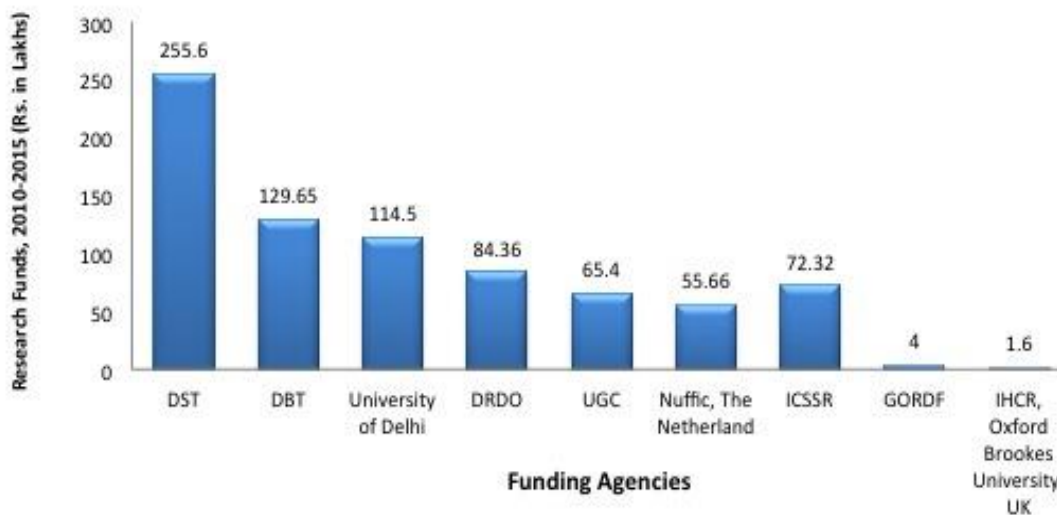
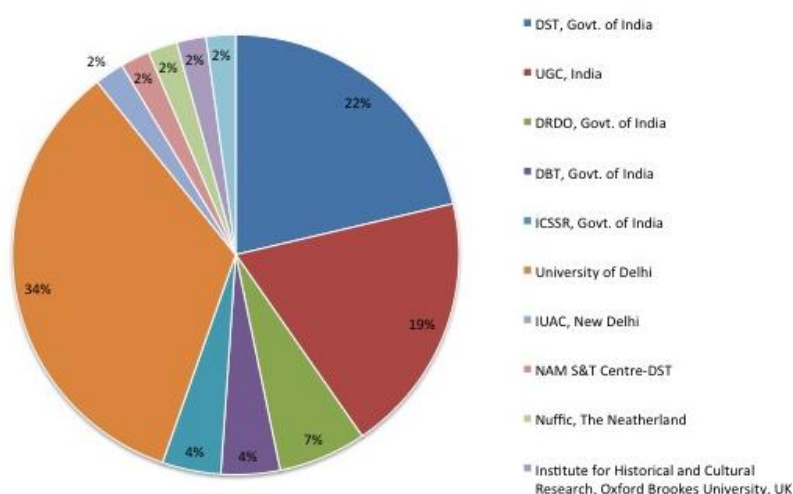


Table: 3.9: Detail of Projects and Funding received from Industry & beneficiary agencies:

Project/ Event/ Purpose	Department/ College	Amount (in Rs.)	Funding Agency	Year
STAR College	06 Science Departments	58.95Lakhs	DBT	2011-2015
UGC XII Plan	College	33.76 lakh	UGC	2013
UGC XI Plan (Grant released under merged scheme)	College	33.26 lakh	UGC	2008-2010
Innovative Projects	College	172.00 lakh	DU	2012-2015

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The following graph illustrates the various categories under which the College has received successful research grants during 2010-2015. A large majority of the research projects are major research grants, funded by different agencies is indicative of the high prolific nature of SVC. Followed by significant number of DU innovation projects clearly substantiates the fact that the goal at SVC is to promote creative, innovative and scientific thinking amongst undergraduate students.

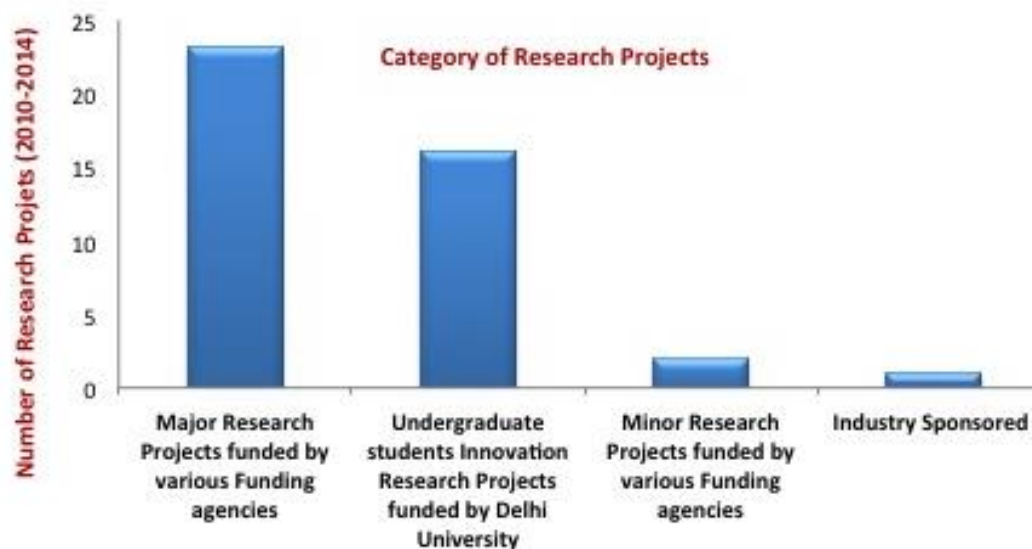


Table: 3.10: Detail of different ongoing and completed together with the Funding agencies and the financial grants received:

<i>S. No.</i>	<i>Project Title</i>	<i>Principal Investigator</i>	<i>Funding Agency</i>	<i>Total Grant (in Rs.)</i>	<i>Year/ Duration</i>
MINOR PROJECTS					
1.	The effect of bio-fertilizer on constitutive and induced responses of tomato to African bollworm (<i>Helicoverpa armigera</i>)	Dr. Vartika Mathur (Zoology)	NAM S&T Centre- DST	2.7 Lakhs	2015
2.	Mentally ill Memsahibs during the British Raj c.1800-1890.	Dr. Indrani Sen (English)	Institute for Historical & Cultural Research, Oxford Brookes University, UK	1.6 lakhs	2010
MAJOR PROJECTS					
3.	High-Throughput substrate profiling of <i>M. tuberculosis</i> Protein Kinase K	Dr. Vandana Malhotra (Biochemistry)	DBT	44 Lakhs	2015-18
4.	Ferroelectric and Piezoelectric properties of modified barium titanate ceramics	Dr. K. C. Singh (Physics)	DST	28.44 Lakhs	2015–18
5.	Synthesis and characterization of energy independent thermoluminescent materials for dosimetry of ion beams	Dr. Anant Pandey (Physics)	IUAC, New Delhi	Total amount of project yet to be informed.	2015– till date
6.	Contributions to Bioinformatics and Nanomedicine: Computational, Biochemical and Biophysical Evaluation of new small peptide and fatty acid derivative as well as their self assembled nano structures as molecular weapons to infectious diseases	Dr. N. Latha (Biochemistry)	DST- India Belarus International Program	10.1 Lakhs	2014 - 17
7.	Computational Assisted Design and Synthesis of Novel Antimalarial Agents Embodying	Dr. N. Latha (Biochemistry)	DST	49.98 Lakhs	2014 - 17

	Structural Diversity Suitable for Protease Inhibitors				
8.	Fortification of Indian mustard by growth promoting bacteria through priming	Dr. Vartika Mathur (Zoology)	DST	23 Lakhs	2014-17
9.	Towards improving yield in rice (<i>Oryza sativa</i>) by genetic manipulation of Ghd7 gene	Dr. Neeti Mehla (Botany)	DST	14 Lakhs	2014- 17
10.	Molecular identification and characterization of endosymbionts in aphids- the major insect pests of rapeseed and mustard crops in India	Dr. Amit Vashishta (Botany)	DST	11.5 Lakhs	2013-16
11.	Development of lead free alkaline niobate based Piezoceramics	Dr. K. Chandramani Singh (Physics)	DST	31.96 Lakhs	2012-15
12.	De notify tribes and Nomadic tribes	Dr. I. Thirumali (History)	ICSSR	38 Lakhs	2012-13
13.	Design, synthesis and characterization of novel fluorinated phosphorous and nitrogen containing compounds used as potential fire extinguishants.	Dr. R. P. Singh (Chemistry)	DRDO	39.50 Lakh	2011-15
14.	Induced response of Indian mustard (<i>Brassica juncea</i>)- an ecogenomic approach	Dr. Vartika Mathur (Zoology)	UGC	9.82 Lakhs	2011-14
15.	History of Forts in Kumari Nadu	Dr. S. Vivekananthan (Tamil)	UGC	7.04 Lakhs	2011- 13
16.	Expression of <i>Rv1211</i> in <i>M. tuberculosis</i> during latency	Dr. P. Hemalatha Reddy, Principal (Biochemistry)	DRDO	30 Lakhs	2011-13
17.	Asymmetric reductive amination of carbonyl compound using chiral ionic liquid	Dr. Sharda Pasricha (Chemistry)	UGC	6 Lakhs	2010-13
18.	Dalit Folk Ballads of Southern Tamil Nadu: An Ethnographic Study	Dr. S. Seenivasan (Tamil)	UGC	3.54 Lakhs	2010-12
19.	Culture, Identity and	Dr. Indrani Sen	ICSSR	34.32	2010-12

	Resistance: A Study of Women's Autobiographies in Colonial India in the Late Nineteenth and Early Twentieth Centuries.	(English)		Lakhs	
20.	Development of a sensitive immunoassay to analyze the health status of the fish	Dr. Om Prakash (Zoology)	UGC	9.18 Lakhs	2009-12
21.	Synthesis of nanocrystalline thermoluminescent phosphors for their application in dosimetry of heavy charged particles and electromagnetic radiation	Dr. Anant Pandey (Physics)	DST	19.76 Lakhs	2009-11
22.	A study of thermoluminescent nanocrystalline phosphors for gamma-ray dose measurement	Dr. Anant Pandey (Physics)	DST	20.16 Lakhs	2008 – till date
23.	<i>In silico</i> analysis of the impact of SNPs/SNP haplotypes on protein structure and function	Dr. N. Latha (Biochemistry)	DBT–Centre of Excellence Project in Genome Science & Predictive Medicine	32.75 Lakhs	2008-14
24.	Temporal dynamics of molecular, chemical and morphological induced responses in Indian Mustard (<i>Brassica juncea</i>)	Dr. Vartika Mathur (Zoology)	Nuffic, the Netherlands	55.66 Lakhs	2008 - 12
25.	Studies on Macronuclear Genome and Molecular Phylogeny of Genus <i>Blepharisma</i>	Dr. R.K. Saxena, Retd. (Zoology)	UGC	7.74 Lakhs	2008-12
26.	Computational approach of architecture and tailoring of novel perfluorinated molecules used as potential fire extinguishants.	Dr. R. P. Singh (Chemistry)	DRDO	14.86 Lakh	2008 –11
27.	Synthesis of lead free piezoelectric materials from nanoceramic	Dr. K. Chandramani Singh	UGC	9.85 Lakhs	2008 - 11

	powders	(Physics)			
28.	Induced response of Indian mustard (<i>Brassica juncea</i>) and its effect on Tobacco cutworm (<i>Spodoptera litura</i>)	Dr. Vartika Mathur (Zoology)	UGC	11.33 Lakhs	2008-10
29.	Creation of Bioinformatics Infrastructure facility (BIF) under the DBT-BTISnet	Dr. N. Latha (Biochemistry)	DBT	103.2 Lakhs	2006 – till date
INDUSTRY SPONSORED					
30.	Assessment of apoptosis induced disc herniation in relation to pro-inflammatory stress conditions and polymorphism of cellular and matrix proteins in Indian Population	Dr. Meenakshi Kuhar & Dr. Nandita Narayanasamy (Biochemistry)	Ganga Orthopaedic Research and Educational Foundation	4 Lakhs	2009 - 12

For Innovative Projects : See Table No. 08

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

SVC has carved out a niche for itself and has made its presence felt on the research map of not only in DU, but also in other universities. The research facility available within campus to the students and research scholars are listed below:

- ✚ College Library:
 - Fully automated library using Libsys as multiuser package with Smart card/ Barcode Technology.
 - Well stocked with open access system.
 - Wi-Fi Internet connectivity with 1GBPS broad band speed.
 - Access to E-Resources (E-Journals, E-Books & online databases by UGC-Info Net Digital Library Consortium & N-LIST).
 (For detail, also see: 4.2)
- ✚ Departmental Libraries: Some of the departments have created their departmental libraries, which they have bought out of project grants. Students access those books with the permission of the teacher concerned.
- ✚ Internet Facilities: Five computer labs with the latest software and Internet facility is available in Library and science laboratories.
- ✚ Facility of virtual classroom.

- ✚ Subscription to e-journals through INFLIBNET.
- ✚ Science Laboratories: the college is proud to have a repository of latest research equipment that enables the faculty and students to conduct high quality research. With proper financial help as cited in 3.2.6 & 3.2.7 the college has been able to procure several research equipment. The important are - Plant growth Chamber for Tissue culture, Autoclaves, Precision balances, Double Distillation Unit, BOD incubator, Gel electrophoresis units, Ice flaking machine, UV Vis spectrophotometer, PCR machine, Real time PCR machine, Telescope, CO₂ incubator, 2D and Isoelectric focusing gel, Cell culture hoods, Microscopes, Centrifuges, -20°C Freezers, Precision Impedance Analyzer, High energy ball mill, High energy Muffle furnace, Lab ball mill (Maximum: 80 rpm), Lab Oven (Maximum: 220°C), High voltage DC power supply, TLD Reader, Hybridization oven, pH meters, Laminar flow hoods, Luxmeter, Animometer etc.
(For detail see Criterion IV)
- ✚ Financial Assistance: The teacher and students are given some financial assistance to attend seminars, conferences etc. in the form of registration fee and travel grant.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

SVC clearly understands that in order to bring intellectual ideas to practice, both temporal as well as spatial investment is required. The college ensures that all research related activities are timed well in advance and in such a way that they do not hamper the normal routine duties of teaching.

- ✚ As far as space is concerned, all science departments have spacious laboratories that are wi-fi enabled and have equipment that are appropriately placed, routinely maintained and serviced. To keep up with the expansion in the college on the research front, a new science block for which all permissions and clearances have been duly obtained by various civic authorities is being constructed. This will further enable us to have more space for not only research laboratories but also for developing centralized facilities for cell culture, proteomics and transcriptomics.
- ✚ There is no special provision in the college for research in Humanities, Social Sciences, Commerce, Mathematics and Statistics. However, they can use the ICT facility and library.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If ‘yes’, what are the instruments / facilities created during the last four years.

There have not been any grants from industries received by the college per se. However, private organizations such as Ganga Orthopaedic Research and

Educational Foundation have funded research of our faculty members. Moreover, DBT has given us the Star College Grant (2010-2013) and also promoted us to Star College Status in 2014. Under the aegis of these grants, significant financial assistance was made available to develop research facilities in the college. Notably, the coveted STAR COLLEGE status has alone helped us generate a funding of Rs. 56.37 Lakhs. Innovative research projects by the University of Delhi have helped us generate - Rs. 1.11 Crore. These funds have been instrumental in procuring specialized instruments for research in various laboratories. A list of these instruments is mentioned in section 3.3.1

(See detail of Instruments purchased and other expenditure in 3.3.1 and Table 3.7

3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

SVC is strategically located in the vicinity of almost all major research institutes and universities. Closest to us is the UDSC that itself is a hub of research and innovation and we are privileged enough to make use of their library and Central Instrumentation Facility as and when required. The state-of-the-art research facilities at institutes such as American Center Library, Teen Murti Library, British Council Library, NII, AIIMS, IUCA, ICGEB, NCERT and JNU are also available for our staff and students. Some of the facilities regularly used by our staff and students are Electron Microscopy (Transmission and Scanning), Mass spectrometry, DNA Sequencing, Microarray, High Pressure Liquid Chromatography, Ion beam accelerator, X- ray diffraction, γ - chambre, Plant tissue culture and BSL3-level pathogen laboratory.

3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

Library details are available at 2.3.9 and Library Infrastructure at 4.2

3.3.6 What are the collaborative research facilities developed/ created by the research institutes in the college. For example laboratories, library, instruments, computers, new technology etc.

The college has been privileged enough to have the collaborative research facilities developed or created by the research institutes etc. in the college as:

- ✚ With the help of DBT, Govt. of India, SVC established a specialized Bioinformatics Centre in the college, which conducts research on contemporary themes in Bioinformatics. The Centre has also been conducting workshops and trainings for faculty as well as students. The details of the infrastructure and functioning of the Centre are as available (www.bic-svc.ac.in).
- ✚ Recently, we have been proudly associated with the SCIENCE SETU program initiated by DBT, Govt. of India and signed a MoU with the NII, that aims at bridging the gap between undergraduate colleges and reputed

research institutes.

- ✚ In collaboration with DU, SVC has established an IT hub and can access all the library resources available on DULS, NLIST, UGC and DELNET.
- ✚ The college has the facility to access the NKN through Intranet of DU.

3.4. Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of

✚ Patents obtained and filed (process and product):

- Dr. J. Lalita, Department of Electronics has a Patent ‘Single-Mode Optical Device’ from United States, vide patent no. US 7,251,381 B2, dated July 31, 2007.
- Dr. R. P. Singh filed a patent with Indian Patent Office, New Delhi on “A Process for preparing aryl fluoroalkyl ethers.” (Application No. 1097/DEL/2014)

✚ Original research contributing to product improvement: NIL

✚ Research studies or surveys benefiting the community or improving the services:

All the research projects mentioned in Table no. 3.10 under the head Interdisciplinary/ Students’ Research Projects are of this nature, benefitting the community directly or indirectly.

Total No. of projects: **59**

✚ Research inputs contributing to new initiatives and social development: NIL

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If ‘yes’, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The College does not publish or partner in publication of research journal(s). However, the Research Committee intends to start a peer reviewed academic journal either on line or off line.

3.4.3 Give details of publications by the faculty and students:

✚ Publication per faculty:

By Faculty: Refer to Tables: 05 & ERDs of Departments

By Students: No data available

- ✚ **Number of papers published by faculty and students in peer reviewed journals (national / international) – Refer ERDs of all departments**
- ✚ **Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.) – Refer ERDs of all departments**

Table: 3.11: Total Number of Faculty’s Publications

Publications	2010-2015
Number of papers published by faculty and students	439
Conference Proceedings	6
Articles in Edited Books with ISBN/ISSN	2
Monographs/ magazines	8
Chapters in Books	42
Books with ISBN/ISSN	87
Thesis	33

3.4.4 Provide details (if any) of

- ✚ **Research awards received by the faculty.**
- ✚ **Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally.**
- ✚ **Incentives to faculty for receiving state, national and International recognitions for research contributions**

- ✚ **Table: 3.12: Research Awards, Recognition & Incentives received by the Faculty from Reputed Professional Bodies and Agencies, nationally and Internationally.**

Faculty Name	Award/ Recognition/ Incentive	Year
Dr. P. Hemalatha Reddy Principal	• Honorary Member , Golden Key International Honor Society	2011
	• Awarded “Ambassador for Peace” by Universal Peace Foundation	
	• Awarded Certificate of Appreciation for successful completion of Rio+22 UN Sustainable Energy for All India Program (IARC Centre for UN)	
	• Member, National Policy on Technology enabled education in Life Science (NMEICT), MHRD, Govt. of India;	
	• Reconstituted Expert Committee of the Star College Scheme, Department of Biotechnology,	2014

	Govt. of India	
	<ul style="list-style-type: none"> Advisory Board, Community Colleges, Central University of Haryana, Mahendragarh 	2014
	<ul style="list-style-type: none"> Expert Committee for DBT – Biotech Council initiative on “learning by doing” (Newton Bhabha funding scheme on STEM education) 	
<i>Department of Biochemistry</i>		
Dr. N. Latha	<ul style="list-style-type: none"> Awarded DST India Belarus Exchange Project 	2015
	<ul style="list-style-type: none"> Awarded DST Travel Grant for SFB35 Symposium on Transmembrane Transporters in Health & Disease, University of Vienna, Austria, September 07-09, 2015 	2015
	<ul style="list-style-type: none"> DBT Incentive Award of Rs. 05 Lakhs with citation is awarded for First Position by DBT- BTIS net for highest number of publications in the journals of high repute. 	2014
	<ul style="list-style-type: none"> Awarded Third Position by DBT- BTIS net for highest number of publications in the journals of high repute 	2013
	<ul style="list-style-type: none"> Best Oral Presentation by Indian Allergy Society & World Allergy Organization 	2013
Dr. Vandana Malhotra	<ul style="list-style-type: none"> DBT-Bio CARE Women’s Scientist research project for career advancement in research and development 	2015
<i>Department of Botany</i>		
Dr. Aarati Saxena	<ul style="list-style-type: none"> Appointed Officiating Director of NCWEB, DU 	2011-14
	<ul style="list-style-type: none"> Appointed Program Coordinator, NSS, DU 	2011-14
Dr. Neeti Mehla	<ul style="list-style-type: none"> Awarded the UGC postdoctoral fellowship 	2012
<i>Department of Economics</i>		
Mr. D. Brahma Reddy	<ul style="list-style-type: none"> Selected on the post of Under Secretary for 7th Central Pay Commission, Govt. of India 	2014
	<ul style="list-style-type: none"> Selected as Deputy Director by Govt. of India, for 13th Finance Commission 	2008-09
<i>Department of Electronics</i>		
Dr. Rakhi Narang	<ul style="list-style-type: none"> 2nd prize in Oral Presentation in National Conference and Workshop on Recent Advances in Modern Communication Systems and Nanotechnology. 	2011
	<ul style="list-style-type: none"> Name Listed in Marquis Who’s Who in the World 	
<i>Department of English</i>		
Dr. Meenakshi Bharat	<ul style="list-style-type: none"> Elected President, International Federation of Modern Languages & Literatures (FILLM), UNESCO 	2014 onwards

	<ul style="list-style-type: none"> Treasurer, Indian Association for the Study of Australia (IASA) 	2012 onwards
	<ul style="list-style-type: none"> Elected Vice President, International Federation of Modern Languages & Literatures (FILLM), UNESCO 	2011-14
	<ul style="list-style-type: none"> Elected to the Bureau of the apex UNESCO body, International Council of Philosophy and Human Sciences 	
Dr. Reena Ramdev	<ul style="list-style-type: none"> Secretary, Indian Association for Commonwealth Literature and Language Studies 	2014 onwards
	<ul style="list-style-type: none"> Treasurer, Indian Association for Commonwealth Literature and Language Studies 	2010 - 14 onwards
<i>Department of History</i>		
Dr. Vandana Joshi	<ul style="list-style-type: none"> Visiting Professor, IAAW, Humboldt University, Berlin, Germany. 	2015
	<ul style="list-style-type: none"> Selected as Alexander von Humboldt Fellow, Institute of Cultural Study, Humboldt University, Berlin, Germany. 	Aug 2012- Jan, 2014
	<ul style="list-style-type: none"> Erasmus Mundus distinguished Visiting Fellow, School of Slavonic and East European Studies, London, UK. 	2012
	<ul style="list-style-type: none"> Fellow of the Charles Wallace India Trust Grant, UK 	2009
	<ul style="list-style-type: none"> Visiting Fellow, ICHR Foreign Travel Grant 	2008
	<ul style="list-style-type: none"> Fraenkel Cash Prize of \$ 4000 and a Citation by Wiener Library, London 	2002
	<ul style="list-style-type: none"> Awarded Special Summer University Grant, Universities of Hanover & Bremen. 	2000
Dr. Madhuri Sharma	<ul style="list-style-type: none"> International Outstanding Essay Award in 3rd Conference of Asian Society for History of Medicine 	2006
	<ul style="list-style-type: none"> Prof. Parthasarathi Gupta & Prof. J.C. Jha Prize for a Research Paper presentation in 66th Indian History Congress 	2006
	<ul style="list-style-type: none"> Prof. B.B. Chaudhuri Best Paper Prize in 64th session of Indian History Congress 	2003
<i>Department of Mathematics</i>		
Dr. Swarn Singh	<ul style="list-style-type: none"> Selected as Vice Chancellor's Fellow, DU 	2014
	<ul style="list-style-type: none"> Selected for 04 weeks Exchange of Scientist Programme under INSA Royal Society, Edinburgh 	2012
<i>Department of Physics</i>		
Dr. Bibhu Biswal	<ul style="list-style-type: none"> Selected as an Associate Professor at CIC, DU 	2011

Dr. Anant Pandey	• Selected as Vice Chancellor's Fellow, DU	2013
	• Selected for Faculty Training Programme in UK by DU for one-year Master's Degree in Translational Neuroimaging	2012-13
Dr. Pranjal Trivedi	• Fulbright-Nehru Fellowship by the Governments of USA and India for Doctoral Research at the Johns Hopkins University, USA	2012-13
	• Selected as a Visiting Associate of IUCAA, Pune	2009-12 & 2012-15
<i>Department of Sanskrit</i>		
Dr. Punita Sharma	• V.G. Rahrurkar Prize for the Best Paper at All India Oriental Conference, Calcutta	1997
	• Smt. Bharati Mishra Gold Medal for Jyotisa from Rashtriya Sanskrit Samsthana, Delhi	1991
	• Pratibha Puraskara from Delhi Sanskrit Academy	1990
	• All India Junior Research Fellowship	1984
	• Shri Banarasi Dass Chandiwala Scholarship, JDMC, DU	1981
	• Shri Gyan Prakash Anuradha Scholarship, JDMC, DU	1981
	• All India Post Graduate Scholarship	1980
	• Ganga Sant Scholarship, DU	1978
Dr. Harsha Kumari	• Smt. Kasturi Devi Gupta Memorial Award for obtaining 1 st position in Young Scholars category in 16 th India WAVES Conference.	2012
Mr. Vikas Sharma	• Sanskrit Pratibha Puraskara from Delhi Sanskrit Academy	2007
<i>Department of Sociology</i>		
Dr. Nabanipa Bhattacharjee	• Awarded Short term Fellowship (06 weeks) for 'Religion in the United States: Pluralism and Public Presence', Department of Religious Studies, University of California, Santa Barbara, USA	2011
Dr. Mrityunjay Kumar Yadavendu	• Junior Research Fellowship, UGC	2009
<i>Department of Tamil</i>		
Dr. S. Vivekanandan	• Award for the Best Book 'Ayothi Ramayana' in the category of Folklore, Council for the Development of Tamil, Govt. of Tamilnadu	2011
<i>Department of Telugu</i>		
Dr. E. Muralidhara Rao	• Manmatha Ugadi Puraskaram for Excellence in Literature.	2015

	• Pragma Puraskaram for Excellence in Literature.	2015
	• ‘Vidya Ratna’ Title Award from Andhra Cultural & Welfare Society	2014
	• Mahandhra Award for Excellence in teaching Telugu in Delhi from Adileela Foundation	2014
	• Mahandhra Award for Excellence	2012
	• Vishal Bharathi Gaurav Satkar	2011
<i>Department of Zoology</i>		
Dr. Vartika Mathur	• Selected for the supervision of a Ph.D. student under the scheme on Research Training Fellowship for Developing Country Scientists (RTF-DCS) by NAM S&T Centre, Govt. of India.	2014-15
	• European Mobility award for International laureates by the International Doctoral College of the European University of Brittany (CDI-UEB), France.	2010
	• Selected for travel award by ISCE to give oral presentation at ISCE annual meeting in I.R.B.I.-CNRS- University of Tours, France.	2010
	• Awarded Nuffic Fellowship by the Ministry of External Affairs, to pursue PhD from Wageningen University, the Netherlands.	2008
	• Appreciation Letter from the EC, DU	2008

Faculty Members as Part of Prestigious Associations:

✚ Dr. N. Latha, Department of Biochemistry

- E-Patsaala – Reviwer for E-content development in Bioinformatics,2015
- DBT – Bioinformatics National Certification Examination (BINC) Exam Observer/Coordinator, Delhi Centre (June 7, 2015 and June 28,2015)
- Delhi University Computer Centre : Member of the DU Computer Committee appointed by the Vice Chancellor of University of Delhi (Sept 2012- till date)
- Banasthali Vidyapeeth University: Member of Board of studies in Bioinformatics & member of curriculum development in Bioinformatics for post graduate studies at Banasthali Vidyapeeth University (2010-onwards).
- Indira Gandhi National Open University (IGNOU) : Course writer in Bioinformatics (Oct 2012)
- Member Selection Committee for research fellows, Gautam Budha University, Greater Noida

✚ Dr. Aararti Saxena, Department of Botany:

- Consultant for the project: ‘Status of Indian Medicine, Traditional and Folk Healing’ at Jamia Hamdard University, sponsored by Ministry of Health, Govt. of India, Jan 2010- May 2011.
- Member, Gandhi Bhawan Managing Committee, DU.
- ✚ **Ms. Aruna Rao, Department of Economics:**
 - Teacher Advisor for an International NGO ‘Golden Key’ since 2012.
 - Invited to assist in a field study on ‘The Institutional Foundation of Collective action in Fisheries: Evidence from Karnataka’, The National Centre for Sustainable Coastal management, Ministry of Environment and Forest; April 16-25, 2014.
- ✚ **Mr. D. Brahma Reddy, Department of Economics:**
 - Contributed and Worked in the State Finance Division and produced 16 State Fiscal Profiles during the period 22-05-2008 to 06-12-2009.
 - Contributed and worked in 7th Pay Commission on House Rent, Children Education, Transport Allowance etc. in 2014.
- ✚ **Dr. Neeru Kumar, Department of Electronics:**
 - Life Time member of Semiconductor Society of India.
- ✚ **Dr. Rakhi Narang, Department of Electronics:**
 - Associated with various communities of IEEE: Sensors Council, IEEE: Nanotechnology Council & IEEE: Biometrics Council.
- ✚ **Dr. Vandana Joshi, Department of History:**
 - Nominated to the Advisory Board of “Modern India in German Archives” (Das Moderne Indien in deutschen Archiven, 1706-1989, MIDA), Centre for Modern Indian Studies, Humboldt University, Berlin, Germany, 2015.
 - Nominated to the Advisory Board for “Asian Literature and Translation ” online peer reviewed Journal of Religion and Culture, Cardiff University, UK, 2014-15
 - Nominated to an International team of Academic Observers by German Academic Exchange Service to cover the General Elections of Federal Republic of Germany, 2009.
 - Invited for a peer review workshop at Jamia Milia Islamia University for a PG Course, 2008.
 - Participated for syllabus designing and text book writing for class IX at NCERT, Delhi, 2005.
- ✚ **Dr. Renu Jain, Department of Physics:**
 - Member of National Project Review Steering Group (PRSG) , Department of Electronics & Information Technology, Govt. of India; 2010-13.
- ✚ **Dr. Punita Sharma, Department of Sanskrit:**
 - Life member of Indian Council of Philosophical Research.
 - Member at DU in almost all the Course Committees and Research Committees.
 - Invited Speaker at more than 40 places for Talks and Public Lectures.

- Invited as an Expert at NCERT for 14 workshops.

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

SVC is aware of the need to ensure that the academic pursuits of the college are not in isolation from the social needs and that the society can reap of tangible benefits from these exercises. The College translates this vision by working on the potential of the student vis-à-vis their employability. Cultivating and promoting the future workforce of the nation has also been an objective of the college. The institution has devised a strategy which addresses these issues at various levels and has adopted a number of measures to interact with the industry, as follows:

- ✚ Cumulative impact of learning towards the students' employability in areas directly related to the courses being taught, always analyses the tenor of the industry. Application and Add-On courses have been introduced which include courses on Bio-Technology, Travel & Tourism Management, Mass Communication & Journalism, Creative Writing, Foreign Languages (German).
- ✚ On the policy-level the college has ensured that the Advisory Council of the PGDMB, funded by the DBT, includes a member from the industry for valuable inputs from the sector's perspective for manpower development.
- ✚ The most important role in creating an interface has been done by the college's Placement Cell. Over the past several years, SVC has managed to invite loyal recruiters from major companies such as Deloitte, Ernst & Young, KPMG, PWC, Google, Axis Consultancy, Verity Knowledge Solutions, Smart Cube, McKinsey, Airtel Group, Oberoi Group, Takshashila, S&P Capital IQ, Grand Thornton, Teach for India, R&F Technologies, EXL Services Ltd.
- ✚ This year the college has added a fleet of new recruiters to absorb the budding talent of this esteemed institution such as FLIP, Promise group, University 18, Expert Global, Career Launcher, India Infrastructure, Kotak Mahindra, ITC Ltd. with many more companies yet to visit the campus. The recruiters have offered varied profiles in the genres of Auditing, Analytics, Consultants, Merchant Banking, Hospitality, Content writing, teaching & creative writing considering the diversified talent pool.
- ✚ Throughout the academic year, various seminars related to resume' writing skills, communication skills and employability checks have also been organized by the Placement Cell especially for the final year and pre-final year students to help them prepare themselves better and to be in sync with the recruiters' demand.
- ✚ An ancillary of the very successful Placement Cell that exemplifies the institution's constant efforts at innovation is the newly formed Entrepreneurship Cell. Founded with the objective of nurturing creative entrepreneurial spirit amongst the youth, ASCEND is an attempt to create a

platform to invite successful entrepreneurs to have talks, discussions and workshops that may lead to some fledgling ideas in the field of entrepreneurship to understand the various challenges and provide means of successfully overcoming them so that students may benefit at the completion of their formal studies.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

There is no specific and stated policy of the Institution to promote consultancy. It has yet to formulate and then to publicize the available expertise of the faculty members. The proper profile of all the faculty members is uploaded on the college website and some of the faculty members have their personal web pages also. But, consultancies given to outer agencies are most of the time honorary or simple token honorarium/ Travel Allowance is paid to them.

3.5.3. How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The available facilities for consultancy services are as per the DU rules. However,

- ✚ The college promotes teaching, research and consultancy with their parent university. Many faculty members are involved in Cooperative teaching at DU, writing E-content, preparing course material, guiding Ph.D. and M.Phil. students along with their primary duties of teaching.
- ✚ SVC has a distinguished faculty whose expertise in their respective fields have brought laurels not only for themselves but has also won for the institution unparalleled recognition. Our faculty members are invited to various institutions of repute and are also in their advisory boards/councils for scholarly guidance and support.
- ✚ They have spearheaded many courses, projects and research work in diverse fields.
- ✚ Many of them have also been on deputations to advise and oversee innovative proposals and educational policies.
- ✚ For these assignments, college adjusts the time table of that respective teacher or many times deputation leave is granted to fulfill that work. Recently, Mr. D. Brahma Reddy is given deputation leave for the work of Central 7th Pay Commission at Govt. of India.
- ✚ Refer 3.4 also.

3.5.4 List the broad areas and major consultancy services provided by institution and the revenue generated during the last four years.

As SVC is governed by the DU policies, which though certainly encourages consultancy yet does not allow for any revenue generation in the process. The consultancy that is provided by the distinguished faculty is essentially intellectual,

conceptual and strategic in nature. It might be pertaining to charting of new syllabi, constructive evaluation of the components of a contemporary curriculum or general advisory with regard to the actual mechanism through which these might be put in practice. The faculty of the college through such consultancy alliances however have certainly garnered much appreciation and led to many long-standing relationships with reputed institutions.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

Since SVC is governed by DU and DU policies does not allow for any revenue generation through consultancy. Hence there is no direct income that is accrued in the process. However, the college has been awarded the Star College status by the DBT, Government of India and extra-mural funds granted under the scheme has been a great support to the college.

Policy of the institution in sharing the income:

The funds have been utilized by 6 Departments, namely Biochemistry, Botany, Zoology, Physics, Chemistry and Biotechnology for Equipment Purchase, Travel, Contingencies, Consumables and Training & Workshop.

For DBT Star College Scheme, the policies were adopted for effective utilization towards the growth and development of institution. Some of them include -

- ✚ **Creation of CIF:** The non-recurring Grant (Rs. 30 lakh) awarded to the College in the year 2011 was utilized in purchase of equipment for establishment of Central Instrumentation Facility that houses advanced instruments for use by faculty and students of all departments in the College.
- ✚ **Joint Symposium Organized:** A national level symposium was organized by all participating departments on Recent Trends in Innovative Research at Under graduation: Science & Society in Feb 28- March 2, 2013 to bring together students from diverse backgrounds under one platform. The symposium also provided an opportunity for the students to interact with eminent speakers in the field.
- ✚ No Specific policy is laid down to allocate the share to each Science Department sharing the amount

The other income generated is by our cricket field through Cricket Sonnet Club.

Institutional Development:

3.6 Extension Activities and Institutional Social Responsibility (ISR)

Higher educational institutions can no longer continue to stand aloof and disconnected but rather must create opportunities and become spaces of encounter where students and communities of the 21st century can learn together to embark upon a sensitive and reciprocal relationship towards each other. This interaction will further ensure that the students are motivated to evolve into citizens who actively participate in the conceptualization of knowledge for a more just and sustainable world. SVC is aware of its social responsibility and works towards the three missions of teaching, research and service.

The college encourages the faculty and students to participate in various extension programs to promote institution-neighborhood community network and inspires student engagement that contribute to good citizenship and their holistic development as well. A concrete and practical blueprint has been duly charted by the college and measures undertaken to meet the commitments professed.

3.6.1 How does the institution promote institution-neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

SVC has deftly woven in its academic pursuits the need to address the social concerns of the day and actually translate its scholastic quests into concrete solutions for the challenges of the society around. The SVC promotes Institution-neighborhood community network through various methods:

- ✚ **I - Through Academic Societies:** Each department of the college has an academic society which organizes activities throughout the year. Some activities are now annual features of the departments and became very popular (see detail in ERD of all departments). In the organization of the function, students interaction within college and outside college, with peer group learn them how to encounter problems and negotiate them.
- ✚ **II –Through Research Activities:** All the Innovative projects mentioned in Table 3.7 are for the community benefit. Students and teachers involved in those project, concentrate their goal to the common man, so scientific and literary research can set the new horizons for public welfare.
- ✚ **III -WDC Project:** The WDC has also successfully attempted to address such pertinent issues by organizing student excursions to rural areas in states like Bihar. Bridging the gaps through such concrete steps provide a great boost to both ends of the spectrum. While the faculty and the students are made aware of the huge gulf between and can be inspired to ameliorate the equation the participants from the rural areas are exposed to the opportunities that lie ahead for them.
- ✚ **IV– Adoption of Rural School:** Under the aegis of the TTD the college has adopted a Government Secondary School in Murthal to inculcate a spirit of scientific temper in the students. Students and teachers actively participate in the interactions with rural children and our aim is to

introduce a spark of ‘scientific temperament’ in them. Regular correspondence with Murthal Govt. School ensures us that those in the rural society get a first-hand experience of being under the tutelage of the best minds of the University and are also brought into contact with the latest developments in new areas of study. Further the academicians and students from the college can get an insight as to how to adapt their ideas and teaching to cater to the requirements and the limitations of this rural classroom.

- ✚ **V – Through Trips:** Our faculty members and students have also participated in the Sadbhavana trip in collaboration with the Indian Army at Jammu and Kashmir. In this, now an annual engagement, our students through interactions with their counterparts in the rural terror-stricken areas of the state foster a spirit of confidence in them and also help them to connect to the tenor of mainstream India. This excursion has been a great success and has also ignited them with a spirit of scientific fervor.
- ✚ **VI –Through Journeys:** As part of the Gnanodaya program a contingent of our students guided by a faculty member completed a successful project in the state of Arunachal Pradesh. They identified and studied a particular endangered language in a remote area of the state. However, taking into consideration the need of the hour and the demands of the indigenous community they immediately made a humble submission to the Governor of Arunachal Pradesh to ensure that efforts are made to preserve the language by measures such as making it a medium of instruction in schools.
- ✚ **VII – Through Awareness Programs:**
 - Recently, the *Department of Physical Education* has also prepared a blue print for physical fitness and hygiene awareness program, which includes visiting the slum areas around the college and voluntary training of the under privileged children.
 - **Theatre:** The students of Theatre Society prepares street plays on social issues and perform them at various rural and urban places. It helps them to attract the public at large on some social injustice and compel them to find out a solution.
 - **ENACTUS** – Refer 1.1.5

All the above activities ensure that the students are exposed to the world around them with a realistic and a practical empathizing attitude. Their zealous engagement not only ensures that strong ties are built with the local communities around but also help them evolve into global citizens, in turn contributing to their own holistic development.

3.6.2 What is the Institutional mechanism to track students’ involvement in various social movements / activities which promote citizenship roles?

SVC measures for constant assessment vis-à-vis the progress of any project or the functioning of any committee constituted for any particular purpose are ensured through a transparent mechanism to enable maximum utilization of factors involved including human resources as in the case of students' involvement.

- ✚ In the beginning of the year or semester (as it depends on the nature of work and its outcome), a coordinator for that purpose is selected/ nominated by Staff Council. Many times, the nature and voluntariness of any faculty member for any project is honored and convener is declared. In help of the convener, two to three persons are also assigned that work.
- ✚ The coordinator notifies the detail of the society, its purpose etc. for students on college notice board, as well as on college website and a team of students and teachers have been formed.
- ✚ All details, record of the meetings and outcome of that project, thoughtfully recorded by the coordinator.
- ✚ Coordinator can also form a students' team for the purpose.
- ✚ Mandatory minimum attendance is required for society work. Attendance record is kept by the coordinator.
- ✚ At some places, the non -teaching staff plays a great role for any project, so they are always well informed.
- ✚ Care is taken to form committees which are feasible and facilitate a policy of check-and-balance. The college believes in involving the students in such projects which not only makes them equal partners in these social missions but in the process also ensures that values of good citizenship are instilled in them.
- ✚ The college has a number of such projects which serve the need of the immediate neighbourhood by motivating students.
 - One such project is '*Golden Key Project*', run by the students and teachers of Biological Sciences where the student participants divided into groups of five sensitized the community around about environmental issues.
 - The other example is the Mock Parliament and the UN Model of functioning, which not only gives them a first- hand experience of legislation on issues of local and national importance but also helps them to comprehend the wider ramifications of issues like child abuse and juvenile justice with a global perspective.
- ✚ Student involvement in such programs are further encouraged and recognized by awarding credits in the students' Internal Assessment and certification of their efforts towards such ends. By these measures it is ensured that there is a genuine translation of classroom learning into sincere tangible efforts aimed at the society around.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

SVC believes that a structured feedback system from the primary stakeholders including the teachers and the students forms an essential component of the development process. This exercise not only acts as an evaluative check on the

courses, programs and projects conducted by the college but helps in gauging ways by which these can be improved upon or modified.

- ✚ The College has parallel formal and informal feedback systems which complement each other.
- ✚ At the formal level the students are asked to give their feedback on course curriculum and teaching practices. Further the final year students are also required to give in their constructive suggestions and opinions on the overall experience in the college.
- ✚ In an informal manner, through engagement with the students in the course of the activities by agencies such as the departmental societies their opinion is regularly taken into account and their concerns addressed to.
- ✚ Individual teachers also often undertake the exercise of interacting with the students at their own levels to take a note of their perspective vis-à-vis the issues at hand.

To add to the effectiveness of the exercise the institution has also broadened the scope of the same.

- ✚ Parents are also invited to participate in the process and enrich us with their advice. Links for feedback from parents and alumni are posted on the home page of college website.
 - ✚ The alumni of the college are also made a party to it as their feedback enriched by their association with the field that they have chosen to work in, helps the college to get an insight into the current industry practices. Their suggestions with regard to the overall improvement and development plans of the college have proved to be invaluable.
- The stakeholders highly appreciate this initiative by the college and both ends of the spectrum benefit by these reciprocal gestures.

3.6.4 How does the institution plan and organize its extension and outreach programs? Providing the budgetary details for last four years, list the major extension and outreach programs and their impact on the overall development of students.

SVC firmly believes in bridging the gap between theoretical approaches to education and providing a firm grid whereby the same can be translated into something concretely positively for the society.

- ✚ Some of the faculty members of the sciences departments visited two colleges in Tirupati (SV Arts College & Padmavathy Women College) under an Outreach program whereby they interacted with the faculty and the students there and gave them an understanding of the recent pedagogical approach to teaching-learning.
- ✚ Further under the DBT Star College scheme the college has adopted a government school in Bhigan, Sonapat and regularly organizes visits to the school.

- In another major outreach program a workshop in Bio-informatics was organized with the teachers and students of the XIth and XIIth classes to bring to them the new initiatives that new areas of research are opening to all. Further in an extension program called the Open House Meet school children were welcomed to our laboratories and introduced to the cutting edge technology that we as a premier institute have to offer.

Budget Details: Table: 3.13:

Activity	Funding	Budget	Year
Bioinformatics Workshop for Teachers	DBT-BTISnet	Rs 59317	2011
Visit to Tirupati Colleges (Padmavathy College & SV Arts College)	DBT Star College	Rs. 18200	2013
Visit to GSSS Bhigan, Sonapat , Harayana	DBT Star College	Rs. 10050/-	2015

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

The institution promotes the participation of students and faculty in extension activities in several ways:

- Social initiatives spearheaded by with the help of various national and international youth agencies.
- To ensure maximum participation notices and circulars are sent to all the Departments about the events and are also displayed on the Notice Boards across the campus.
- In the very beginning of every academic session efforts are made to make the students aware of the societies and they are asked to register themselves with same to ensure their association with these societies.
- A faculty-in-charge of coordinating the extension activities is chosen who works along with a team of dedicated teachers and student representatives.
- To encourage the initiative of the students involved and cultivate their interest suggestions are invited from them to collectively plan out activities which can be organized under the aegis of the respective societies.
- Seminars are organized where eminent citizens working in specialized areas are invited.
- Festivals and Melas are also organized in association with various NGOs.
- Further movies are also screened pertaining to relevant social issues. Health Camps, Blood Donation Camps etc have now almost become an annual feature of the college academic calendar.
- Successful, dynamic and active participation is awarded in Internal Assessment marks, in attendance and by honoring the student with prize.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

SVC has always tried to ensure continuous and intensive student engagement with social issues through extensive community out-reach programs. To ensure social justice and empower students from under-privileged and vulnerable section of society, the institution has 3 duly constituted bodies such as:

- + **Shakti:** The Women's Development Centre
- + **Parivartan:** The Social Service Society and
- + **Hum Sab Ek Hai :** The Equal Opportunity Cell

which work in close collaboration to address various social concerns of the neighbourhood around the campus. Besides this, College provides **Financial Aid** to the students of weaker section (economically or socially) by giving them scholarships, book bank facility including total fee concession.

Work undertaken by the College:

- + A joint-initiative among the three is the Annual Sadbhavana Tour which has been regularly organized since 2010. This tour aims at promoting secularism and tries to inculcate the same in our students, staff, karamcharis by bringing alive to them the diversity of our nation and instilling in them tolerance towards all religions. By this the Tour, which has been a huge success, fulfills its objectives of showcasing the secular Indian society and in inculcating practical measures by which any threat to this unique characteristic of our nation like can be avoided.
- + **Project JYOTI** is the other major community out- reach programs organized by the college. This project had been initiated as early as 2001 has made a unique contribution to community development by creating an inclusive environment through active interaction of our students with the young people from JJ Colony, a slum area right next to the campus. This is done through joint theatre productions, organizing interesting art and cultural activities and through competitions like essay writing, debating, poetry recitations etc.
- + The **EACH ONE TEACH ONE** Program brings together our under-graduate students and underprivileged children in an educational environment within the college premises. Such efforts not only help to bridge the socio-economic gulf but also motivate our students to take up such social activities with zeal and enthusiasm. Further it also ensures that the benefits of the educational system which we enjoy also percolate to the grass-root level in the society.
- + **Innovation Projects** under the DU scheme has also oriented its academic goal mindful of the practical benefits that the society can reap from these areas of research. The innovative projects on Yamuna Water and the Carbon Foot printing professed intentions towards the society get highlighted by these areas of study as the first works on the direct effect of polluted water bodies on the human and plant world around and the second devises practical

everyday ways by which seemingly ‘insignificant’ steps can add up to ‘significantly’ change our attitude to the environment around and reduce the harm that we do to it.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students’ academic learning experience and specify the values and skills inculcated.

- ✚ By effectively ensuring feasible extension activities with clearly charted objectives and evaluating the actual outcome of the same SVC achieves two goals.
 - While on the first hand it fulfills its social responsibility yet on the other hand it successfully orients the students to a lifelong sense of responsibility towards the society to which they belong.
 - The exercise not only broadens the perspective of the students vis-a-vis their worldview but also infuses values of leadership and accountability in them as the college encourages them to chart out new plans for courses of action to be undertaken.
 - It inculcates in them a sense of belonging to the immediate society around and the ‘global village’ at large also acquainting them with issues which may rise from local levels but transmute into something else at a larger global context. Thus these activities also inspire them to become the global citizens of tomorrow.
- ✚ The institution has been making several attempts to blend these pursuits of academics and social responsibility with student participation by encouraging active research in innovative fields which blend both the objectives at hand.
 - Students are motivated to come up with suggestions which can be worked upon. Such efforts percolate to everyday practice at SVC as continuous efforts are made to make those in the campus and others in the immediate neighborhood sensitive to environmental concerns. Posters and write-ups on the issue are put up across the campus.
 - Further to encourage participation in such research, data was collected on the contribution of carbon of people around through a questionnaire and effective measures suggested to reduce the same. Such initiatives help to lessen the gulf between the society at large and the work in the research laboratory within the campus.
- ✚ Here in the college, we fulfill the nutritional requirements of our plants by vermicomposting of the waste generated from our own garden. We refrain from using any chemical based fertilizer.
- ✚ Students and staff are also sensitized and made aware of simple yet pertinent concepts like waste segregation. Different colored and duly labeled dust bins for bio degradable and non- biodegradable waste are placed appropriately in the campus.

- ✚ A green campus with a special zone of undisturbed native vegetation proves that our commitment towards the environment is not only in our words but is clearly reflected in our actions as well.

Actively participating in such programs our students have zealously joined the Swachh Bharat Abhiyan whereby they have organized many drives to clean the adjoining area of Satya Niketan. Such efforts have certainly gained much appreciation from the neighborhood around and have thus been translated into meaningful exercises.

Values and Skills inculcated:

- ✚ Changing the mindset of students from luxuries to necessities.
- ✚ Sensitivity to nature and environment.
- ✚ Less dependence on others and voluntariness for self- service.
- ✚ Importance of team work and more tolerant to each other.
- ✚ Change in lifestyle and respect for under-privileged.
- ✚ Skill for leadership and better communication skills.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The institution understands that for any out-reach activity to be a success it has to have an inclusive blueprint which is sensitive to the peculiar socio-economic make-up of the community and must also have practical suggestions to ensure their active participation. These concerns act as the guiding principal whenever any such program is planned and steps are also taken to assess the response from these communities during the actual execution so that immediate measures can be taken to rise up to their expectations or avoid any misunderstanding. The challenges are great when an academic community in its capacity aspires to communicate with the society around and so along with all precautions such plans strongly advocate to ensure their involvement by envisaging tangible benefits to them.

Here we must refer to two highly successful endeavors by the college -**Project JYOTI** and the **Each One Teach One program**.

The details are at 3.6.2, 3.6.4, 3.6.5 & 3.6.6.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The college has constructive relationship with the following for working on various outreach and extension activities in the area of cleanliness drive, literacy and health awareness:

- ✚ The EACH ONE TEACH ONE Program in the initiative of Times of India.
- ✚ In this project our students take the responsibility to teach one underprivileged children from the slum area JJ Colony, next to our college.
- ✚ Satya Niketan Market for cleanliness drive.
- ✚ Blood Donation at AIIMS and Red Cross Society.
- ✚ South Campus Library and Science Labs for innovative projects.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

- ✚ The college won the prestigious Commendation Award and a Prize money of Rs. 01 Lakh under the category ‘Award for Good Practices’ in the year 2014 at Antardhvani, the Annual Cultural Festival of DU.
- ✚ Adoption of a Govt. School at rural area Murthal and motivating them for scientific temper the SVC has been highly commended for their innovative teaching techniques.

3.7 Collaboration

Collaboration has become a pre-requisite for the concept of globalization. When inter-disciplinary studies have become the quintessential for scholarly growth collaborative efforts can find no alternatives. Collaboration today is the backbone of tomorrow’s strategy for academic excellence and its actual application.

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

- ✚ SVC understands an importance of collaboration and its wide impact on academics and research. The college welcomes such opportunities:
 - To enhance mutual understanding of the object of study.
 - To understand the work culture of other institutes by faculty exchange programs.
 - To share the infrastructural facilities and equipment to ensure equal opportunity in society.

Procedure and Structure of Collaboration:

- ✚ The college has not adopted any special procedure and structure of collaboration, as per the DU rules and ordinances.
- ✚ These collaborations are on the department level as well as on the college level.
 - The college has been a signatory to a number of significant Memorandum of Understanding(s) with various international universities. For example:
 - ✓ Partnership with the Aarghaus University, Copenhagen and

- ✓ With the University of Nottingham under the U21 agreement.
- Both the joint ventures have been highly successful and our faculty members from both humanities and sciences have been visiting their campus regularly.
- In the case of Aarghaus University their faculty members and students have also been to our college on short-term programs and now there are deliberations of actual credit transfers in such cases.
- ✚ Negotiations on similar lines with the Universities of Edinburgh and Melbourne are currently underway.
- ✚ SVC has also been a party to the MoU signed with the United Kingdom and has been successfully hosting the students exchange programme called UKIERI (UK-India Education Research Initiative) for the last four years.
- ✚ On the national level also the college has signed a MoU with the prestigious National Institute of Immunology, New Delhi under the project *Science Setu*, initiated by the DBT, Govt. of India.
- ✚ Our faculty members also have collaborated with many reputed national and international institutions like the National Science Center, Aarghaus University, Copenhagen and the UDSC.

Examples:

- ✚ Under the aegis of the *DST India-Belarus Exchange Programme* (2015) and was in association with the Belarusian State University, Vladimir Shkumatov, Dr. N.Latha's project titled "Contributions to Bioinformatics and Nanomedicine: Computational, Biochemical and Biophysical Evaluation of New Small Peptide and Fatty Acid Derivatives as well as Their Self-assembled Nano Structures as Molecular Weapons against Infectious Diseases" was approved of for joint implementation under the 'India Belarus Joint Science & Technology' - International Bilateral Cooperation under the DST, Govt. of India in 2015.
- ✚ Under the *Indo-Russian Project* by the DST, Govt. of India, New Delhi, Dr.Anant Pandey was granted a research grant for the research proposal titled "Synthesis of Nanocrystalline Thermoluminescent Phosphors for their Application in Dosimetry of Heavy Charged Particles and Electromagnetic Radiation" in the year 2009.
- ✚ Further Dr.Vartika Mathur, bagged the prestigious *Netherlands Fellowship Programme* 2008 run by the Ministry of External Affairs, Netherlands on her project "Temporal dynamics of molecular, chemical and morphological induced responses in Indian Mustard (*Brassica juncea*)" 2008 – 2012. (See table 3.10 & 3.12)

Benefits accrued from the collaboration:

The above mentioned collaborative initiatives accrued the following benefits to the college and society:

- ✚ In the current year i.e. 2015, UKIERI program was highly appreciated as the college translates the spirit of the exchange into a real experience for the foreign participants. The students of UK gain an insight into classroom

teaching and laboratory practice in Indian Universities and are also given an opportunity to appreciate Indian culture and arts.

- ✚ They are also enriched by the personal interaction which they have with their Indian counterparts.
- ✚ Our college also gained from this exchange and in fact two of our students are selected every year on all expenses paid visit to the UK for a week under this initiative.
- ✚ The Science Setu programme bridged the gulf between under-graduate studies and research because faculty members from these institutions (many institutes signed MoU and interacts each other) also interact with the students and deliver talks on topical areas of study.
- ✚ Dr. N. Latha's project is much appreciated and a good contribution in the field of Bioinformatics and Nanotechnology and Drug Development as it charts out new trends in the emerging area of study.

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

MoUs: Refer 3.7.1

Besides the MoUs cited above, college does some collaborative arrangements to some other agencies for the benefit of students and teachers. SVC encourages these engagements as these are beneficial in terms of knowledge, perfection and can be an open platform to showcase the talent. Some of these organizations are Sahitya Academy, Delhi Sanskrit Academy, ICHR, ICSSR, Sangeet Natak Academi, British Council Library, American Centre Library, AIIMS, IGNC A etc.

Collaboration developed the SVC in the following way:

- ✚ The institutionalized and formulated efforts, add to the intended team engagement, more focused and functional.
- ✚ It clearly charts out the trajectory towards which the partnership is likely to proceed and also crystallizes the intended outcome for such an alliance.
- ✚ The faculty and teachers understood an immediate experience of different work cultures and it also enables infrastructural support, to acquaint one with the day-to-day functioning and classroom & laboratory practices in terms of pedagogy.
- ✚ Student-teacher interaction, library facilities and e-resources and exposure to different cultural practices are other aspects of such collaborative engagements.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment/ creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology / placement

services etc.

The College promotes industry interactions in several ways:

- ✚ Member of Advisory Panel: An industry representative is a member of the advisory board for DBT funded PG Diploma in Molecular & Biochemical Technology offered by the institute. The member provides valuable inputs for current demands from the biotechnology industry for training students.
- ✚ Placement Cell Interactions: Several Companies visit the College every year to recruit students from different courses. Around 63 students have been placed in good Companies with attractive packages in Aug-Sep, 2015 alone.
- ✚ Collaborative Workshops/Seminars with Industry: Several workshops have been organized by the College in association with Industry to provide academia-industry interface platform for the students. A leading computational biology software company “Schrodinger” had organized a workshop in Bioinformatics for college teachers in 2011 and 2013.
- ✚ Industry Sponsored Project: The Department of Biochemistry collaborated with Ganga Orthopedic Research Education and Foundation, Coimbatore for the project entitled “Assessment of apoptosis induced disc herniation in relation to pro-inflammatory stress conditions and polymorphism of cellular and matrix proteins in Indian Population” in the year 2009 which promoted training undergraduate students in disc herniation in association with Ganga Hospital, Coimbatore.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

- ✚ For national and International conferences: see 3.1.6
- ✚ List of eminent personalities/ scientists/ participants are in respective ERDs or Table

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated –

- a) Curriculum development/enrichment
- b) Internship/ On-the-job training
- c) Summer Placements
- d) Faculty Exchange and Professional Development
- e) Research
- f) Consultancy
- g) Extension
- h) Publication
- i) Student Placement
- j) Twinning Programmes
- k) Introduction of new courses

l) Student Exchange

m) Any Other

The MoUs signed, and referred in 3.7.1 are all for the promotion of research activities at SVC, with individual faculty members involvement. The University ordinances do not permit the signing of MoUs for (a) Curricular Development, (b) Internship/ On-the- job training (e) Research (g) Extension (j) Twinning Programmes, Credit transfer etc.

Prior permission is needed either from Governing Body of the college or from the DU authorities for (d) Faculty Exchange and Professional Development (f) consultancy (k) Introduction of New Course and (l) Student Exchange.

The college has a very active Placement Cell, who can provide the (c) summer placements, (i) Students’ Placement and other job opportunities for the students of III Yr. The number of companies invited in the college and students’ placements. in the current year can be seen in Refer 5.1.9

(h) Publications of the faculty members and students of the college is between individual and the outside agency, which later informed to the Principal. However, the college print the annual magazine –‘Neerajana’ regularly and a Research Journal is under consideration of Research Committee.

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

Till today the college has taken the initiatives of the linkages and collaborations but no systematic efforts have been done so far. This collaboration is limited to few departments and in the form of seminars, workshops and conferences only. The college intends to establish the linkages with other schools, colleges, research institutes etc. within India and outside India. The college wants to serve the rural and urban India simultaneously, as one example is the rural school at Murthal and in sports field tie up with Cricket Sonnet Club. In the current year i.e. 2015, SVC has formed a committee to address this important issue. The members are:

- Principal Chairperson
- Convener of Linkages/ Collaboration Appointed/ nominated
by Staff Council
- Bursar
- Eminent Personality Academics/ Social
Service/ Professional etc.
- Representative SVC Retired Faculty
- IQAC Convener
- ASC Convener
- Research Committee Convener
- Time Table Convener
- Development Fund Committee Convener

- Physical Director, Sports
- Social Service Society Convener
- Cultural Committee Convener
- Hostel Committee Convener
- Alumni Association Convener
- Administrative Officer
- Student Representative

The above committee is laying down an appropriate plan in a systematic way for future and their intelligent vision will soon be a reality in this session only. A questionnaire is already prepared by them to collect the views of all the stakeholders of the college.



SRI VENKATESWARA COLLEGE

**CRITERION IV
INFRASTRUCTURE AND
LEARNING RESOURCES**

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1: Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

- ✚ SVC policy for creation and enhancement of infrastructure to facilitate effective teaching and learning is driven by the following considerations:
 - Changing needs of the college e.g. implementation of the new courses, change in syllabi and the increase in the number of students etc.
 - The primary stakeholders i.e. students should be benefitted more and more and learning in SVC can be a bliss point to them.
 - Upgradation of the available infrastructure.
 - Infrastructure purchased should be practical, durable, long lasting and enhancing the quality of institutional life.
 - Planning the space and resources to maximize the efficiency, comfort and special need of the students and faculty.
 - Modern technology and traditional system should go hand-in-hand and value for money.
 - Creation and enhancement of building, labs, sports ground etc. should maintain aesthetic sense of college.
 - In all, comfort, maximum use, need, creativity and aesthetic beauty are the prime considerations.
- ✚ The assessment of the requirement/ upgradation/ purchase is at the level of Principal, with special inputs of the staff and students' requirements and with the approval of the TTD.
- ✚ As per UGC Guidelines, SVC has constituted a Building Committee to prepare plans for building and construction of new classrooms and laboratories etc., for any grant received from UGC or any other agency, e.g. OBC infrastructure expansion grant.
- ✚ The Building Committee comprises - the Principal, Vice Principal, Bursar, University Representative on the college Governing Body, Executive Superintendent Engineer, TTD or his representative, Convener, Development Fund Committee, Member- User Department Administrative Officer, Section Officer (Accounts).
- ✚ To ensure a smooth and hassle free process of construction of new architectural structures, the college has a duly appointed architect for better designing of building plans and also to obtain approvals from various civic authorities.
- ✚ In addition, the Staff Council also elects/ nominates some members for Development Fund Committee, to look after the repair, renovation and upkeep of college building and premises.

4.1.2 Detail the facilities available for

- (a) **Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical**

garden, animal house, specialized facilities and equipment for teaching, learning and research etc.

Table 4.1: Curricular and co-curricular activities

Type of Facility (Existing)		No.	Description
Sri Venkateswara Temple		01	Idol of Balaji and the necessary Pooja Samagri for Vidhi-Vidhana
Classrooms	With LCD	08	90 seater
		12	60 – 70 seater
	Without LCD	09	60-70 seater
		04	48-50 seater
		10	36-45 seater
	Audio Visual LCD	02	90 seater
	Tutorial Rooms	04	15-20 seater
Laboratories	ALL WI-FI ENABLED		
LABORATORIES	Biochemistry	03	Lab 1: Teaching cum Lab (seats 25), 01 laptop with LCD Experiments involving biochemical and biophysical analysis of macro molecules, molecular biology and microbiology
			Lab 2: (Seats 20) Genetics : maintenance of Drosophila wild type and mutant strains, Molecular and Cell Biology
			Lab 3 : (Seats 25) Bio- technology PG Diploma, Teaching cum Lab, Experiments same as in Lab 1.
	Botany	02	Lab 1 : (Seats 25), 01 Laptop with LCD, Microscopic Experiments on Physiology, Ecology, Anatomy, Biodiversity & Embryology.
			Lab 2 : (Seats 35), LCD, Advance technology based experiments on molecular biology, Genetics, Genomics, Plants Bio-technology Cell biology and Physiology.
	Chemistry	04	Lab 1 : (Seats 40), Involving analysis of inorganic mixtures, identification of organic compounds by systematic analysis and volumetric titrations.
Lab 2 : (Seats 50), experiments same as in Lab 1.			
Lab 3: (Seats 30), experiments same as in Lab 1.			
Lab 4: (Seats 30), equipped with instruments for physical chemistry			

			experiments.
	Electronics	02	<p>Lab 1: (Seats 40),</p> <ul style="list-style-type: none"> • Equipped with all peripheral equipment necessary for design and testing of experiments. • 06 computers for simulation experiments concurrently. Software, Sci lab/ Mat lab/ p-spice. • 01 computer with printer to technical staff for documentation <p>Lab 2: Dark room with LCD & optical apparatus. For microprocessors and digital design experiments.</p>
	Physics	03	<p>Lab 1: (Seats 40), with LCD.</p> <ul style="list-style-type: none"> • Equipped with all peripheral equipment necessary for design and testing of experiments. • 01 computer with printer to technical staff for documentation <p>Lab 2: (Seats 20), Dark room with optical and laser based apparatus, experiments on interference, diffraction and polarisation</p> <p>Lab 3: (Seats 15), experiments using electromagnets.</p>
	Zoology	02	<p>Lab1: (Seats 25), 01 Laptop with LCD, compound microscope – 60, experiments based on physiology genetics molecular biology using Gel electrophoresis, Heamo- cytometers, Haemo -globinometers.</p> <p>Lab 2: (Seats 35), Laptop with LCD, experiments same as in Lab 1</p>
	Biological Science	02	<p>Lab 1: (Seats 30), teaching cum lab equipped with compound microscope, spectro- photometers gel electrophoresis</p> <p>Lab 2: (Seats 30), same as in lab 1</p>
	Bioinformatics	01	Seats 17, Fully air-conditioned, 23 computers, 01 rack server, printer, scanner & Fax machine
	Statistics	01	Seats: 40 and Calculators- 40
	ICT All 05 labs are fully air-conditioned	05	<p>Lab 1 : 37computers with 01 network printer</p> <p>Lab 2 : 40computers with 01 network printer</p> <p>Lab 3 : 47 computers with01 network printer</p> <p>Lab 4 : 40 computers with 01 network</p>

			printer Lab 5 : 40 computers with 01 network printer
Museum	Botany	01	Equipped with herbarium specimens of economically important cultivated plant species, biodiversity specimens, departmental library for the quest of students
	Zoology	01	Display of Specimens on Invertebrates, Vertebrates (birds, Mammals, amphibians, reptiles), skeleton of all animals, Insects collection
Principal's Room		01	<ul style="list-style-type: none"> • Fully air-Conditioned • Seating capacity of 15 persons • One Computer with Printer • Unit of CCTV
Vice Principal's & Bursar's Room (Joint)		01	<ul style="list-style-type: none"> • Fully air-Conditioned • Seating capacity of 06 persons • One Computer • Attached Pantry Unit
Committee Room		01	<ul style="list-style-type: none"> • Fully air-Conditioned • Seating capacity of 15 persons • 01 Laptop with LCD & Printer
Administrative Office (with 05 counters)		02	<ul style="list-style-type: none"> • Fully air-Conditioned (Both) • I - Seating capacity of 08 persons <ul style="list-style-type: none"> ✓ 08 Computers with 05 Printers ✓ 01 Fax Machine ✓ 01 Scanner ✓ 01 Photostat Machine • II Seating capacity of 10 persons <ul style="list-style-type: none"> ✓ 08 Computers ✓ 06 Printers ✓ 01 Scanner
Accounts Office (with 02 counters)		01	<ul style="list-style-type: none"> • Fully air-Conditioned • Seating capacity of 11 persons • 13 Computers with 08 Printers • 01 Scanner
Staff Lounge	Main Staff Room	01	<ul style="list-style-type: none"> • Fully air-Conditioned • Seating capacity of 100 persons • Wi-Fi enabled • 01 Computer • Attached Pantry & 02 Wash Rooms (Ladies & Gents)
	Departmental Rooms	16	<ul style="list-style-type: none"> • Wi-Fi enabled • 01 Laptop <p>Three types of Rooms:</p>

			<ul style="list-style-type: none"> • 04 seat work stations • 08 seat work stations • 10 seat work stations
	Lab Staff Room/ Issue Counter/ Preparation Room	08	<ul style="list-style-type: none"> • Wi-Fi enabled • 01 Computer with Printer
Seminar Room		01	<ul style="list-style-type: none"> • Fully Air-conditioned • Seating capacity of 150 persons • State of Art Facility
Research Rooms	• Animal Plant Interaction	09	<ul style="list-style-type: none"> • Fully Air-conditioned • Seating capacity of 04 persons
	• Synthesis Lab		<ul style="list-style-type: none"> • Seating capacity of 05 persons
	• Molecular Cell Biology		<ul style="list-style-type: none"> • Seating capacity of 04 persons
	• Fish Immuno-Toxicology		<ul style="list-style-type: none"> • Seating capacity of 04 persons
	• Electro-ceramic Lab		<ul style="list-style-type: none"> • Seating capacity of 04 persons
	• Trans generic Plants & Microbial Endosymbionts		<ul style="list-style-type: none"> • Fully Air-conditioned • Seating capacity of 04 persons
	• Transcription Profile of M-TB-Protein Kinase R		<ul style="list-style-type: none"> • Fully Air-conditioned • Seating capacity of 08 persons
	• DBT- BTIS & Bioinformatics Infrastructural Facility		<ul style="list-style-type: none"> • Fully Air-conditioned • All necessary Equipment with 20 work stations • Seating capacity of 06 persons
	• Fluro Organics		<ul style="list-style-type: none"> • Seating capacity of 04 persons
Others/ Common Facilities	Exhibition Foyers	02	<ul style="list-style-type: none"> • Front: Seating Arrangement for students • Display Area
	Girls' Common Room	01	<ul style="list-style-type: none"> • 09 Seats with Dressing Table • Attached Wash Room
	Students' Union Room	01	<ul style="list-style-type: none"> • 05 Seater Sofa • 01 Almira • Centre Table
	Wash Rooms	14	<ul style="list-style-type: none"> • 04 on Ground Floor equipped with PH facility • All necessary fittings and Items
	Store	06	<ul style="list-style-type: none"> • Chemistry • Botany • Zoology • Stationery • ICT Material • Files/ Data Storage
	Medical Room	01	<ul style="list-style-type: none"> • With First Aid facility
	Enabling Unit		<ul style="list-style-type: none"> • Enclosure given in the library • 03 computers with Speakers and • 01 Printer

	IQAC	--	<ul style="list-style-type: none"> • Not yet formed.
	Women Development Centre		<ul style="list-style-type: none"> • In Multi- Purpose Room
	Social Service Society		<ul style="list-style-type: none"> • 01 Table • 06-08 Chairs • 01 Laptop
	Placement Cell		<ul style="list-style-type: none"> • Room No A-5 • Fully Air-conditioned • With Projector & • Screen
	Recreational Space	08	<ul style="list-style-type: none"> • Common Staff Room • Girls Common Room • Garden • Sports Room • Tiffin Junction • Around the Open Stage • Auditorium Lobby • Mini Stage and outside area
Special Facilities	Hostel	02	<ul style="list-style-type: none"> • 72 seats for boys & • 72 seats for girls • Wi-Fi enabled • 10 computers • Fully air-conditioned Reading Room & 03 computers. • Indoor & Outdoor Sports facility
	Bank	01	<ul style="list-style-type: none"> • Fully air-conditioned • With all facilities
	Guard's Room	02	<ul style="list-style-type: none"> • 01 Table & Chair • Walky-Talky Set • Intercom System
	Photo-copier cum stationery shop	01	<ul style="list-style-type: none"> • 03 Machines
	Electricity Room	01	<ul style="list-style-type: none"> • Electrical Panel • Key Board
	Generator Set	01	<ul style="list-style-type: none"> • 160 KVA
	Water Pumps Room	04	<ul style="list-style-type: none"> • Operational
	Differently able		<ul style="list-style-type: none"> • Ramps all across the college • High resolution scanner and Braille Printer
	Auditorium		<ul style="list-style-type: none"> • Under Construction Inside • Lobby • Foyer • Conference/ Classrooms on I Floor
Garden	Botanical Garden	01	<ul style="list-style-type: none"> • Equipped with Medicinal Plants • Experiment based Plants for students

			<ul style="list-style-type: none"> • Decorative Plants • Microbial Compost Enclosure
	Wild Plant Corner	01	<ul style="list-style-type: none"> • Experiment based Plants for students
Canteen		01	<ul style="list-style-type: none"> • Water cooler • RO System • Outdoor/ Indoor Seating capacity of 100 + 25 • Green Enclosure
Parking			<ul style="list-style-type: none"> • 200 Cars
Under Renovation	Library	01	<ul style="list-style-type: none"> • Wi-Fi enabled • 100128 Books • Reading Room • Staff Enclosure • 05 Computers for E- Learning

(b) Extra-curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

Table 4.2: Extra Curricular activities

Type of Facility (Existing)	No.	Description	
Sports Facility (outdoor)	Cricket Ground	01	45 Ft. Radial Playground with 3 Finest Cricket Pitches, 8 Practice wickets with all possible equipment.
	Football Field		Equipped with 2 goal posts, Footballs and other reasonable equipment
	Hockey		Playground, Hockey Sticks, Balls and other reasonable equipment
	Volleyball Courts	01	Playfield with 1 net, Volleyballs etc.
	Basketball Court	01	Cemented Court is getting replaced with modernized synthetic court for better training.
	Lawn Tennis Courts	01	A red sand tennis court is getting replaced with international standard synthetic court, (under renovation).
	Badminton Court	01	Badminton rackets, shuttle cocks and nets in stock. Auditorium
Sports Facility (indoor)	Table Tennis Area		Auditorium
	Chess & Carom		Canteen Area
	Yoga		Front Lawns of Auditorium
	Change Rooms	04	With Shower Unit
Space for Cultural	Auditorium	01	Music Practice Area
	Main Stage	01	Choreography & Western Dance Practice

Activities			Area
	Stage II	01	Dance Practice Area after 02:00 P.M.
	Seminar Room		Debate & College Functions
	Theatre Practice Area		Space between Auditorium Steps and Lawn
	Music Practice Area		Auditorium Lobby after 02:00 P.M.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed / augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

✚ To ensure that the available infrastructure is in line and **existing infrastructure is optimally used for academic growth**, college constitutes various committees to look after and evaluate the progress and shortcomings in the academic growth. The following committees plan and ensure the academic growth:

- IQAC
- ASC
- Research Committee
- Time Table Committee
- Development Fund Committee -(constituted by Governing Body of the college)
- College Building Committee
- Purchase Committee

At the commencement of new semester, time table committee formulates the time table, according to the availability of the class rooms and labs etc. Purchase committee ensures purchase of teaching aids, lab infrastructure, equipment and software. The Development Fund committee upgrades and maintains the quality of the existing classrooms, building etc.

✚ **Specific examples of the facilities developed /augmented**

- The obsolete aluminium electric wiring has been replaced with high standard copper wire. The latest equipment has been set up to ward off any possible accidents due to short circuiting and also to enable the electric supply to bear heavy loads for proposed air conditioning of classrooms, laboratories and department rooms in all blocks (i.e. Arts, Administration and Science)
- New electric fittings i.e. fans and tube lights have been provided in the classrooms, laboratories, department rooms and corridors in all blocks.
- All the department rooms and classrooms have been provided access points for internet.

- The university has supplied 25 Hitachi Projectors with screens which has been installed in all science laboratories and classrooms wherever needed & feasible, to enable teachers to deliver PPT lectures.
- The reverse osmosis (R.O) system in all the three blocks, the library and near the canteen have been serviced and made fully operational with additional safety measures such as installation of media filter at the source of water for filtering mica and other effluent particles.
- New blackboards have been provided in many rooms replacing the outdated ones to enable smooth writing for effective teaching & learning.
- Wall-mounted steel cupboards and boxes have been fixed up in caretaker's room, in the ICT corridor, and in the Botany museum as well as in the corridors on all the three floors of the science block.
- All Science laboratories have been renovated with glazed aluminium windows. The Chemistry Laboratory- II has been fitted with the latest infrastructure (experimental tables, storage units, proper water, LPG gas and electrical facility, fume hood and exhaust system). Experimental tables have been fitted in the Zoology Laboratory for effective and easy conduct of experiments.
- The Zoology museum has been renovated with suitable glass show cases for the display of specimens.
- Functional fire extinguishers have been installed in all corridors, Science laboratories, ICT, Administrative block, Library and Canteen.

✚ **Master Plan of SVC:** Attached, See on page no.554

✚ **Amount Spent on the facilities developed /augmented in SVC in last five years:** Refer Table - 09

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

SVC, not only firmly believes in inclusive education but is also sensitive towards the students with special needs. We provide our students with special needs all necessary strategic and infrastructural facilities to enable them not only successfully complete but also excel in their respective courses. A sound physical and a secure social environment is provided to them to help them realize their maximum potential. The following infrastructural facilities are provided to students with special needs:

- ✚ Ramps have been provided all over the campus to ensure easy access to physical challenged, they can easily move around the campus.
- ✚ Additional facilities in washrooms (specially constructed) have been provided.
- ✚ The Library and computer labs have special, additional software to enable visually challenged students to access library and computer resources.
- ✚ EOC of the college also provide software for visually challenged students.

- ✚ The college provides writers to visually challenged students for exams and competitions (as per university guidelines).
- ✚ Additional Special Software purchased for them.
- ✚ Scholarships/ Freeship to PH

Table 4.4: Money spent for the purpose is given below: in Rs.

	2010-11	2011-12	2012-13	2013-14	2014-15
Income	5,95,596	3,86,345	97,749	1,89,814	29,615
Expenditure	5,56,152	3,52,040	31,950	1,44,995	14,940

4.1.5 Give details on the residential facility and various provisions available within them:

Hostel Facility – Accommodation available:

Yes, the college has two hostels, which offers housing option for outstation students. The residential hostel, set up in 2009, has two segregated wings for boys and girls and can accommodate 144 students (72 boys & 72 girls). The ‘Sri Balaji Boys Hostel’ and the ‘Sri Padmavathi Girls Hostel’, located within the college campus. The hostel is a four storied building with 72 rooms, 36 in each wing, each room accommodating two students. Facilities provided in the hostel are:

- ✚ Ceiling fans, beds, one built-in Almira, one study table with drawers, study chair, book rack mounted on wall.
- ✚ Two fully air-conditioned Library cum reading rooms.
- ✚ Common Room/ Recreation Room in each wing.
- ✚ Mess and Dining Hall in each wing.
- ✚ Hostel Office to address the problems of the students, there and then.
- ✚ Table Tennis Room for Boys.
- ✚ Banking Facility in college premises.
- ✚ One Part time visiting doctor.
- ✚ Laundry facility.
- ✚ Fire-extinguishers.
- ✚ One wash room for 04 -05 students.

Recreational facilities:

The hostel students interested in sports may avail all the facilities in the college playground. The residents can participate in any of the activity of sports within college hours, and if necessary, on holidays also with the prior permission of the college authorities. Yoga is practiced everyday outside the auditorium in early morning. Hostel resident or any other student can practice it.

Computer facility including access to internet in hostel:

The SVC campus is Wi-Fi enabled and in hostel 08 computers are provided exclusively to the hostel residents with internet connection.

Facilities for medical emergencies:

Hostel has in-house First Aid facility, one medical room and an ambulance facility is on call from South Campus Health Centre. The students may also avail the W.U.S. (World University Service) health center facility and may consult the doctors and specialists there. The college is in close proximity of Charak Hospital, Moti Bagh.

Library facility in the hostels:

02 Library cum reading rooms are there for students and hostel also subscribes 07 newspapers (05 in English & 02 in Hindi) and 13 magazines to the residents.

Internet and Wi-Fi facility: Yes. 16 AP.

Recreational facility-common room with audio-visual equipment:

01 common room for students quipped with recreational facilities, like Carom, Chess Board, Big Screen Plasma TV, audio system etc.

Available residential facility for the staff and occupancy: Yes.

- + Principal's Bungalow (semi furnished) - 01
- + Residential Facility for Teaching Staff – 14
- + Residential Facility for Non-Teaching Staff - 24

Constant supply of safe drinking water: Yes.

Security: Yes, the college has round the clock security guards and CCTV monitored.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

SVC understands that health is the most important. Quoting Kalidasa – शरीरमाद्यं खलु धर्मसाधनम् (śarīramādyam khalu dharmasādhanam), means this body is surely the foremost instrument of doing [good] deeds. At SVC, we are concerned about the physical well-being of our all stakeholders and focus on three things:

+ **Hygiene:**

To maintain the hygienic environment on campus the college runs special drives and focus on the following points:

- Special cleanliness drives.
- Encourage tree plantation.
- Prohibition of smoking inside and outside the college.
- Proper use of dustbins.
- Classrooms and other spaces are cleaned, mopped and dusted regularly.

- Washrooms are cleaned throughout the day, according to the roster duties of the staff and liquid soap is provided.
- Availability of fresh drinking water (RO) on campus.
- Café' and canteen is scrutinized periodically and complaints are addressed by Canteen Committee.

✚ **Medicine:**

After taking so many safety measures on campus, if somebody falls ill then college is highly sympathetic to the patient in the following way.

- College ensures that medical facilities are available to students as well as staff in routine or in case of any emergency.
- The college has an in-house medical room equipped with first-aid facilities. A qualified doctor is available in the College from Monday to Friday to take care of any emergency that may befall students and staff.
- The medical room has two beds and all the necessary first aid medicines required in case of any emergency.
- For further treatment, students and staff are taken to the DU health Centre in South campus is just half a kilometer and is equipped with good medical facilities to meet any emergencies.
- The college is ideally located in the heart of Delhi and hospitals like AIIMS, Safdarjang, AIIMS Trauma Centre and ACMS are all within a radius of 10 Km.
- The teaching and non-teaching staff avails health facilities both at South Campus and in empanelled hospitals and diagnostic centres. The entire expenditure on account of hospitalisation and outpatient treatment is reimbursed/directly to the concerned employee/Hospital as per the rules of the Government of India.

Table 4.5: Detail of Medical Reimbursement and Direct Payment Expenditure during last five years:

Medical Reimbursement in Rs.					
<i>Staff</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>
Teaching	48,59,913	24,77,420	24,58,486	12,04,572	22,57,439
Non Teaching	28,81,326	20,57,279	22,78,191	20,60,883	29,60,423
Total	77,41,239	43,70,770	47,36,677	42,84,662	55,19,675

✚ **Mental Health:**

The college has appointed a Counsellor for the benefit of students and teachers. In case of any psychological disorder, depression fits etc., stakeholders can consult the Psychiatrist. The college promotes Yoga sessions also.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre,

Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

Common facilities mentioned above are available on college campus. These places are equipped with internet and recreation spaces for the students and teachers etc. Details are at 4.1.2

4.2 Library as a Learning Resource:

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/ user friendly?

Library Advisory Committee:

The library has an advisory committee called as 'Library Committee' duly elected by the Staff Council. The **key roles** of the library committee are:

- + Library should be equipped in such a manner, which can be reader friendly.
- + Laying down the rules and to amend the procedure relating to the procurement of books and software.
- + To give special care/ attention to the different able users.
- + Allocation of Budget to various departments.
- + Reviewing the subscription of journals/ magazines etc.
- + Analysis of feed- back received from teachers and students with proper amendments.
- + Stock verification and weeding out the outdated books.

Library committee comprises the following members:

- + Principal – Chairperson
- + Vice Principal
- + Convener – Elected/ nominated by the Staff Council
- + Librarian
- + Bursar
- + Convener EOC
- + Coordinator – Enabling Unit
- + Convener – IQAC/ ASC
- + TIC/ one member from each department

Significant Initiatives taken by the Library Committee:

- + Fully Automated Library using LIBSYS as multiuser package with Smart Card / Barcode Technology.
- + Special kiosks for visually challenged with JAWS enabled.
- + Facilities for differently able: Braille books, CDs & DVDs (daisy format),
- + Angel Daisy Recorders, and Notebooks/Laptops with supporting software, Scanners and other Assistive Technologies.
- + CCTV Surveillance monitored with fire extinguishers installed.

- ✚ Well stocked library with Open Access System.
- ✚ Faculty Reading Room - air-conditioned
- ✚ Wi-Fi internet connectivity with 1GBPS broad band speed.
- ✚ Access to E-Resources (E-Journals, E-Books & online databases by UGC-Info Net Digital Library Consortium & N-LIST).
- ✚ 10 KV Power Backup (Online UPS).

4.2.2 Table 4.6: Provide details of the following:

<i>S. No.</i>	<i>Query</i>	<i>Details</i>
1.	Total area of the library (in Sq. Mts.)	268.1273 Sq. meters.
2.	Total seating capacity	80 + 15 (exclusively for faculty members)
3.	Working hours (on working days, on holidays, before examination days, during examination days, during vacation)	On working days: <ul style="list-style-type: none"> • Monday to Friday: 9.00 AM to 5.30 P.M. • Saturday: 9.00 AM to 5.00 P.M.
4.	Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)	<ul style="list-style-type: none"> • Location: A separate building attached to the Arts Block. (02 floors). <p>Ground Floor:</p> <ul style="list-style-type: none"> • Property & Check point area. • Lounge area for browsing. • Online Public Access Catalogue (OPAC). • Librarian's Office • Circulation counter area & technical processing • Facilities for visually impaired. • Faculty Publication Display • Separate Reading Rooms for students & faculty. • Reference books, Journals & back volumes etc. • Stack Area for Science, Commerce, Maths & Statistics Books. • Display area for newspapers, magazines etc. <p>First floor:</p> <ul style="list-style-type: none"> • Stack Area for Arts, Languages, social sciences, Religion & Philosophy books.

Lay Out Plan of Library:

Prof. Dinesh Singh, in which National Book Trust and Sahitya Academy, Delhi participated and created awareness for literature in day to day life.

Table 4.7: Detail of the Amount spent on procuring new books etc. during the last four years:

Financial Years		2014-15		2013-14		2012-13		2011-12	
S. No.	Library Holdings	No.	Total Cost (in Rs.)	No.	Total Cost (in Rs.)	No.	Total Cost (in Rs.)	No.	Total Cost (in Rs.)
1.	Text Books, Reference Books & Books, other than syllabi or curriculum prescribed	4777	3337936	4737	2720822	4992	2728176	6748	3039898
2.	Journals & Periodicals, E – Resources, Newspapers & Magazines	66	90250	65	97378	62	89736	58	83460

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

ICT enabled learning facilitates students to explore literature, updates social, commercial and economic issues, scientific innovations and research papers from all over the world. We encourage our students to explore this vast ocean of knowledge, which can be exposed to a variety of web based portals.

Table 4.8: ICT and other Tools in the Library:

Query	Description / Details
OPAC	Yes <ul style="list-style-type: none"> • One Touch Screen Kiosk at ground floor • One non touch screen terminal at first floor
Electronic Resource Management package for e-journals	<ul style="list-style-type: none"> • Accessible through DU & ILLD Website
Federated searching tools to search articles in multiple databases	Library updates the bibliographic information of its holdings and the same can be accessible through college URL. 1 GBPS Internet bandwidth connectivity (Wi-Fi enabled)

	Provides online access to E- Resources (subscribed UGC-Info Net Digital Library Consortium & by the college) through ERNET optical fiber connection (Intranet)
Library Website	Library webpage is linked through college main website: http://www.svc.ac.in/libpage1.html
In-house/remote access to e-publications	Yes For Electronic Books (N-List)
Library automation	Library is fully automated using LIBSYS multi user software with barcode technology and has following Modules: Acquisition, Cataloguing, Circulation, Serials, OPAC, Set up & Utilities. The library was in receipt of Rupees Seven and a half lakhs towards facilitating the automation from the UGC.
Total number of computers for public access	05 + 10 (03 for EOC, 02 –OPAC & 10 for e-resources)
Total numbers of printers for public access	03
Internet band width/ speed 2mbps 10 mbps 1 GB (GB)	4Mbps + 100Mbps
Institutional Repository	Not yet implemented
Content management system for e-learning	Accessible through DU's ILL website: http://vle.du.ac.in/mod/tab/view.php?id=9779
Participation in Resource sharing networks/consortia (like Inlibnet)	INFLIBNET –NLIST , DULS
Other Facilities / Tools	
IBM RAID server	01
HP Desktop computers to use as clients	06
Scanners	03
Barcode Reader	03
UPS for Power Backup	10 KV
Security	Whole library is under CCTV surveillance (14 cameras, 03 PTE & 11 point)
A National Level Workshop on “The Use of E-Resources” was organized by the library with the support of INFLIBNET, for the benefit of the Principals and Librarians of DU Colleges.	

4.2.5 Table 4.9: Provide details on the following items:

<i>Query</i>	<i>Description / Details</i>
Average number of walk-ins	600 users per day
Average number of books issued/returned	750 books per day

Ratio of library books to students enrolled	01 student : 25 books
Average number of books added during last three years	4835
Average number of login to Online Public Access Catalogue (OPAC)	600 per day
Average number of login to e-resources	300 per day
Average number of e-resources downloaded/printed	110 per day
Number of information literacy trainings organized	<ul style="list-style-type: none"> • Minimum of 03 session per Academic year for new library users to make them acquaint with library resources • 01 E-resources workshop per academic year for staff and students.
Details of “weeding out” of books and other materials	<ul style="list-style-type: none"> • All departments are involved in the process of weeding out of books, after assessing the utility of the textbooks from the perspective of the changes in syllabus from time to time. • It is undertaken only after taking the faculty into confidence, and getting the approval of the Governing Body in this regard. • The library exercises utmost care to see to it that rare manuscripts and out of print books are not lost out in the course of this exercise. • Total No. of withdrawn books from 2011-12 to 2014-15 are 7097

4.2.6. Table 4.10: Give details of the specialized services provided by the library:

<i>Query</i>	<i>Description / Details</i>
Manuscripts	<ul style="list-style-type: none"> • 03 Theses donated by faculty members. • Maintaining the CDs, DVDs which come along with the books procured.
Reference	<ul style="list-style-type: none"> • Yes, provided to all the students and faculty members. • Reference desk is attached separately for prompt services. • Total reference books in library 554
Reprography	No
ILL (Inter Library Loan Service)	No
Information deployment and notification (Information Deployment and Notification)	<ul style="list-style-type: none"> • Display of new books on New Arrivals frame - 01 • Display of current Periodicals -45 • Display of New Books on Library Notice

	Board - 02 <ul style="list-style-type: none"> All new arrivals are accessible through OPAC and Web OPAC
Download	Yes , through ICT
Printing	Yes (through reprographic service)
Reading list/ Bibliography compilation	Yes. available in Reference Section
In-house/remote access to e-resources	<ul style="list-style-type: none"> In house access is available for e-publication. Remote access through DULS to UGC-NLIST
User Orientation and awareness	<p>Yes, every year for fresher in the beginning of the first semester.</p> <ul style="list-style-type: none"> Through power point presentation. General awareness programme on new services / material and functioning of library in the library reading room whenever requires.
Assistance in searching Databases	Yes through Library staff.
INFLIBNET/IUC facilities	UGC- NLIST , DULS Specially designed and prepared Books and Materials in Braille script are also available for visually impaired students to their curriculum. Audio-Visual materials like CDs and different books in electronic format are also available for them.
Besides this:	
JCCC (JCCC@UGC-INFONET)	<p>The JCCC interface offers:</p> <ul style="list-style-type: none"> Search articles published in journals subscribed under the UGC-INFONET Digital Library Consortium. Search articles from journals (print and e-journals) subscribed by 22 ILL Centres. Search for articles from the journals subscribed by other member libraries if they list their journals in the JCCC .

Other specialized Services in the Library:

- ✚ **Resource Sharing:** Recommend users for membership in DULS and other libraries: British Council Library, Delhi Public Library, CSL etc.
- ✚ **Current Awareness Service:** The Departmental Notice Boards/ Wall Magazines draw attention towards issues of contemporary relevance by relying on the resources provided by the library. The facility is provided e-mail alert services of table of content (TOC) of latest issues of Journals.
- ✚ **Helping in Exam Preparations:** The students are issued syllabus / old question papers for photocopying.
- ✚ **Transcript Service:** For passed out students who are pursuing higher studies, outside India.

- ✚ As part of the XI plan **Special Grant Books** for the facilitation of training for students for the UGC NET examinations and remedial classes were purchased.
- ✚ **Clipping service** of DU News.
- ✚ **Scanning & Printing** facility for faculty

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

The library staff provides services to the students and teachers are as follows:

- ✚ Using of OPAC facility
- ✚ Reference: service to students as well as teachers
- ✚ To orient users to browsing and searching the e-resources.
- ✚ Accessing Bibliography Database.
- ✚ Providing syllabus/question papers for photocopy.
- ✚ Also see 4.2.6

4.2.8 What are the special facilities offered by the library to the visually/physically Challenged persons? Give details.

SVC had a separate division in its library for VH and PH persons and enabling them autonomy and independence with respect to access of information resources through an innovative and assistive technology with support of EOC of the College as well as DULS. This division has acquired devices and latest technologies as follows:

- ✚ **Assistive Technology and Software:**
 - **JAWS Pro talking software (Ver. 13.0):** A screen reader that works with a computer to provide access to software applications and the Internet. For conversion of a normal PC into a Talking PC to enable the blind to operate computers independently including Internet Access and also to train visually challenged on using the computer.
 - **Kurzweil 1000:** Scanning, reading and writing software. An excellent support for blind students to read any printed books from the library to have independent access to not only their text-books but also other general reading. It is used with a combination of a scanner and a PC.
 - **Magic Magnification Software Pro:** Useful for enlarging the screen from 2x to 16x enabling Low vision students to view the monitor screen as well as use the add-on support tools for enhancing visibility.
 - **Angel Talking Digital Pocket Daisy Player (E-Book Reader, MP3 Player & Voice Recorder):** Fully Talking device.
 - **Touch Screen Kiosks for OPAC:** Touch OPAC with User friendly configuration which visually impaired students can also access their library account Bibliographic information of all the books and users can search the library's holdings by Author, Title, Subject and Keywords or Combination search (Boolean search). Also, the users can know the latest

additions of periodicals and books and the status of a document (whether on shelf, out i.e. issued, on display, sent for binding, withdrawn, etc.).

- + **Books and Materials in Braille script:** Specially prepared books and materials in Braille script are also available in Library based on their curriculum. Moreover, Audio-Visual materials like CDs and different books in electronic format are also available.
- + **02 computers** installed with all supporting software with internet access are totally **dedicated** to these students.
- + **Other Devices available:** Talking liquid indicator, Rupee checker, Tactile Drawing Board, Arithmetic types, Geometry box, Wooden Taylor Frame, Pen Friend Sonic Labeler & Fold canes.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

- + Yes, library takes the periodic feedback from the staff and students through requisition form, and utilizes the same for improvement of facilities. It also asks for and considers student' request for purchase of books. An informal feedback is taken at the time of giving no dues certificate. Any suggestion from any stakeholder is duly acknowledged and is discussed in the meeting of the library committee, and viable changes are made to give better facilities to staff and students.
- + **Strategies deployed by the Library on the basis of feedback for further improvement:**
 - After the reports of multiple theft of the students property, outside the library, some small cupboards were purchased for the safety of students' belongings.
 - A guard is continuously placed to watch the students at the property counter.
- + **The Analysis of Feedback: Students Feed Back:** See Table 10- Pie Chart

4.3. IT Infrastructure:

4.3.1. Give details on the computing facility available (hardware and software) at the institution. Number of computers with Configuration (provide actual number with exact configuration of each available system):

There are a total of 304 Desktop PCs; 933 Laptops received (from university 2014) & 07 Servers as per details given below:

+ **Table 4.11: Computers with Configuration:**

<i>S. No.</i>	<i>Configuration of 304 Desktops</i>	<i>Quantity</i>	<i>Installed at/ Remarks</i>
---------------	--------------------------------------	-----------------	------------------------------

ALL 304 Desktops have Internet Connectivity			
1.	HP/Intel (R) Core (TH)2 /CPU 6600@2.40ghz/2.39 GHz/ 512GB RAM/80 HDD/LCD15" Monitor /Windows XPOS/Quick Heal Antivirus	40	Office (Accounts, Administration & AO Office)
2.	Acer/Verizon M200 Series / AMD Phenom (Tm) II X4 810/Processor 2.60 GHz/2GB RAM/320 HDD/LCD 17" Monitor/ Windows 7 OS/ Symantec Antivirus	170	ICT Lab
3.	HP/Intel (R) Core (TH)2 Duo/CPU E7500@2.39ghz/4GB RAM/320 HDD/LCD 14" Monitor/Windows 7 Ultimate SP-1OS/Symantec Antivirus	10	ICT Lab, Principal Office and PA Office
4.	IBM/Intel (R) Pentium (R)/ 4 CPU 266 Ghz@2.66 GHz/0.99GB RAM/80 HDD/LCD 17" Monitor/Windows XP Professional Version	26	Office (Accounts/ Administration/ AO Office)
5.	HP/Intel ® Core (TH)2 Duo/CPU E7500@2.39ghz/2 GB RAM/320 GB HDD/TFT 14" Monitor/Windows 7 Ultimate/ Service Pack-1/32 Bit OS	28	Office (Accounts/ Administration/ AO Office)
6.	HP/Intel (R) Core (TH)2 Duo/CPU 6600@2.40ghz/1 GB RAM/150 GB HDD/TFT 14" Monitor/Windows XP/ Service Pack-3/32 Bit OS	6	Office (Accounts/ Administration/ AO Office)
7.	Sun Ultra 20 Workstation	17	Bioinformatics Lab
8.	HP Touch Smart Desktop	01	Library
9.	HP 20-240in 20-Inch All-In-One Desktop	06	Bioinformatics Lab
	TOTAL	304	

<i>S. No.</i>	<i>Configuration of 933 Laptops (received from DU in 2014)</i>	<i>Quantity</i>	<i>Users/ Remarks</i>
All Laptops are Wi-Fi enabled			
1.	HP Probook 445 AMD Processor A6-5350M APU with Radeon™ HD Graphics 2900 MHz RAM 8 GB HDD 320 GB	908	For Students purpose
2.	HP-Processor-i5-2450M CPU@2.50GHZ Processor RAM 4GB, HDD 500GB	25	Issued to Faculty

 **Table 4.12: Servers with Configuration:**

<i>S. No.</i>	<i>Detail of 04 Servers with Configuration</i>	<i>Quantity</i>
1.	ACER AR 380 F1 Intel (R) Xeon (R) CPU E5620 @ 2.40 GHz X 2 PROCESSORS, 8 GB RAM (DDR3 2GB X4), (300 GB X 3 HDD (10K) Power supply -2, RAID CARD SAS + RISER CARD, SAS BACK PLAIN FOR HDD, Intel Motherboard Monitor - ACER 18.5" TFT, ACER Keyboard, ACER Mouse	04
2.	IBM Tower Server X3100M4 (2582IKA) Sr. No. 06DMLTB Intel Xeon E3-1220V2 PROCESSOR 2X4GB RAM/ 500GB HDD/ DVD RW/ RAID01 inbuilt GIGABIT ETHERNET/Keyboard/ Mouse TFT	01

	Monitor LENOVO 18.5	
3.	IBM-X 3630 REDHAO ENTRP LINUX Server, MODEL :IBM-X 3630 M4, Intel Xeon E5-2420 V2, OCTACORE 2.2 GHz 15 MB MHZ 1600, 1X8 GB RAM, 4TB HDD, RAID 5	01
4.	SUN FIRE X2100 M2 RACK-MOUNTABLE - SECOND-GENERATION OPTERON 1222 3 GHZ, Product Form Factor Rack-Mountable - 1U PROCESSOR / CHIPSET, CPU AMD SECOND-GENERATION OPTERON 1222 / 3 GHZ, Number of CORES DUAL-CORE PROCESSOR SOCKET AM2, Cache Memory, Installed Size L2, Cache – 2MB, Cache per Processor 2MB (2 x 1 MB) RAM 8 GB	01
Total		07

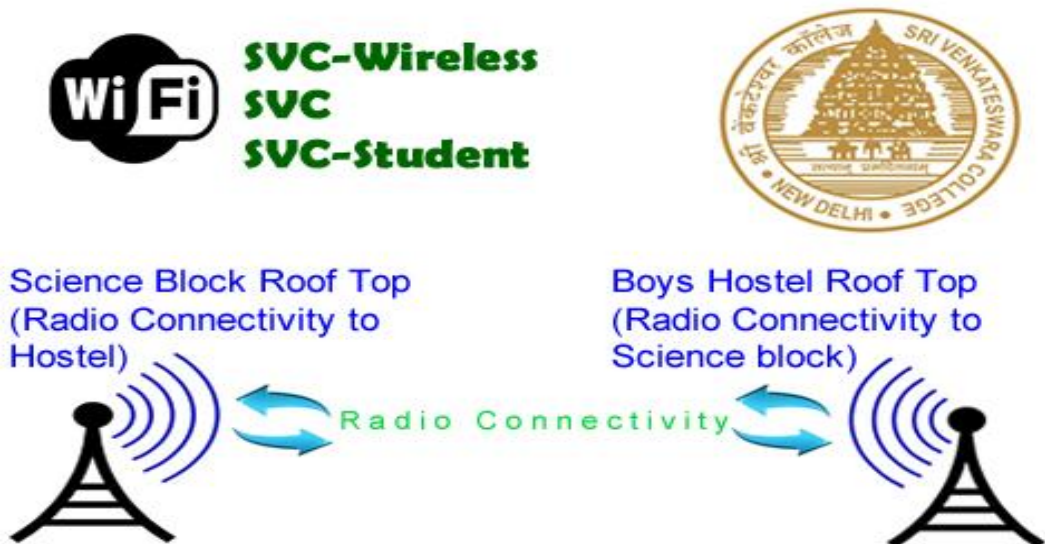
✚ Detail of Networking inside and Outside Campus:

• Internal Connectivity:

- ✓ Bandwidth provided by DU through NKN, NIC is 100 Mbps.
- ✓ Bandwidth obtained from TATA Communications is 4 Mbps (Lease Line) for College Office and Library.
- ✓ Bandwidth obtained from TATA Communications is 1 Mbps (Lease Line) for College Hostel.

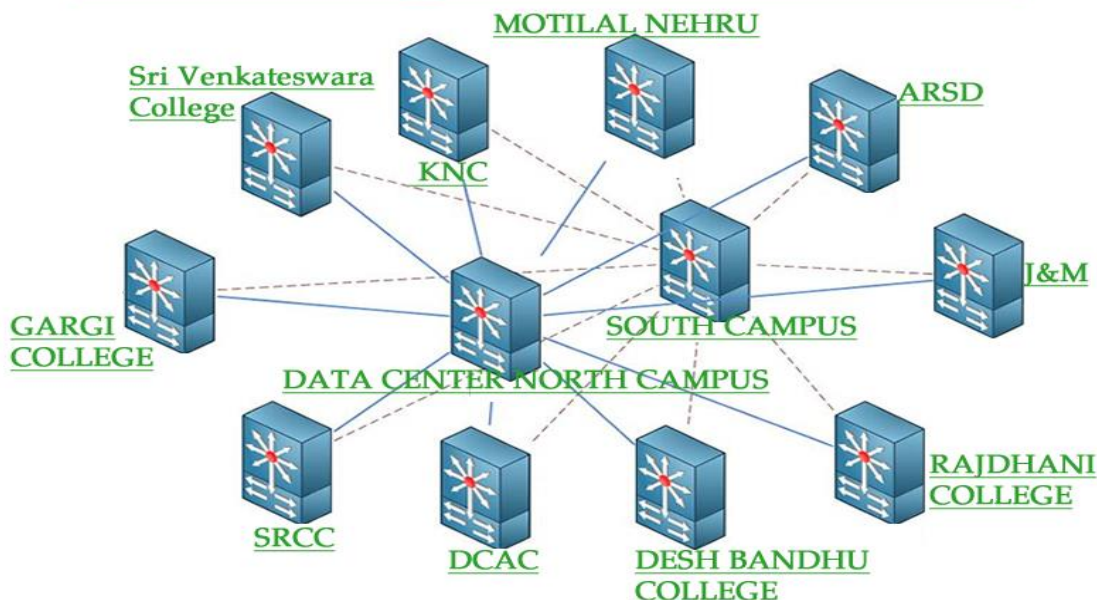
NETWORKING OF SUPPORT SERVICES

Sri Venkateswara College



• External Connectivity:

Fiber connectivity between colleges and data center DUCC.
Network connectivity to communicate with each other.



🚩 **Table 4.13: Detail of IT Facility in SVC Campus:**

ICT Facility	Description
LAB 1, LAB 2 & LAB 3 for practical classes of UG courses	120 Desktop computers, Software Installed: <ul style="list-style-type: none"> • Matlab, • Mathematica • SPSS, • Scilab • Multi Sim • NI Circuit Design Suite • phylip
Licenced Software Through DU Network	<ul style="list-style-type: none"> • Microsoft Windows Server 2008 R2 Enterprise • MATLAB 2014a • Maxima 5.28 • SPSS 22.0 • Symantec Endpoint Protection (Antivirus) • Mathematica 9.0 • Acrobat Reader 9.0 (Full Version) • All pdf.
Licenced Software Purchased by College	<ul style="list-style-type: none"> • Windows Server 2008 (R2) • Microsoft Office 2013 • Microsoft Windows 8.1 and 7 • Tally 9.0 • Lybsis For Library Management System • Quick Heal Antivirus Pro 2014

	<ul style="list-style-type: none"> • Visual Studio 2013 Professional • Microsoft SQL Server 2014 • Windows server User Cal 2012 • Windows Server Standard 2012 R2
ERP - In-house software	<ul style="list-style-type: none"> • Students Administration & payroll management • Payment gateway integrated software • Monthly Attendance System • Internal Assessment • Online Examination • Online Admission
On line UPS	<ul style="list-style-type: none"> • 1 KVA: 01 • 2 KVA: 06 • 5 KVA: 01 • 10 KVA: 05 • 15 KVA: 01 • 20 KVA: 01
Wi- Fi Controller	01 Ruckus Zone Director Switch
Access Point	21 AP, 02 Bridge AP
POE Switches	05 POE Switch
Network Switches	12 D Link Manageable Switch 1 3COM Manageable Switch
Projectors	44 LCD Projector with Motorized & Normal Screen
Scanners	4 HP scanner with HD quality
Digital Board	1 board in ICT
Network Laser jet Printer	8 network printer which are connected with server
Printer Laser jet	40 Laser jet Printers
FAX	2 machine
Printer/Fax/Scanner	3, Multifunction
Xerox Machine	2 machine
CCTV	2 Sony LCD Screen, 2 DVR with Rack, 28 Cameras installed in ICT, 2 for night vision and rest of dome cameras.
Fire Alarm	ICT Labs and Server Room have this facility including 09 fire extinguishers

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

There are 05 computer labs, very well designed and well equipped with latest software are made available for stakeholders. Out of five:

- 03 Labs are meant exclusively for the students for their course work. 4th Lab with an Internet Resource facility is also for the students, where they are free

to access internet beyond their class hours and download any course content or access any study material.

- ✚ In 5th Lab, there is a dedicated space for the faculty with internet and printing facilities. Any teacher is free to access the computer laboratory anytime, within college hours.
- ✚ The library also extends computers and internet facility and bibliographic databases through networked computer system.
- ✚ The computer and network facility is extended to both the hostels.
- ✚ **Table 4.14: Summary of the Computer Facility available in the College:**

Facility	Users	On Campus	Off Campus	Quantity	Total No. of users	Ratio
Desktop	Students					
	Teachers	Yes	No	48	179	1: 3.72
	Lab Staff	Yes	No			
	Office Staff	Yes	No	32	32	1:1
	EOC student facility (PH/VH)	Yes	No	03	45	1:15
Laptops For Students: AMD Processor & For Teachers: (i5Processor)	Students	Yes	Yes	908	1434	1:158
	EOC: PH/VH	Yes	Yes	20	45	1:02
	Teachers	Yes	Yes	25	179	1: 7.16
Multimedia Projectors	Class Room Teaching	Yes	No	44		1:89
					3948	

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

A strong infrastructure base is imperative for providing a learning environment of high standards. The institutional plans for deploying and upgrading the IT infrastructure and associated facilities as:

- ✚ LAN network, connection, located in ICT lab and includes all the college blocks and extended to college hostel also.
- ✚ Transformation of most of the classrooms to e- classrooms with laptop and projectors, without hampering the traditional method of teaching.

- ✚ Upgrade of college website and portals in order to incorporate more dynamic features like: Login authority for staff for uploading their documents, assignments, notes etc.
- ✚ Electronic Notice Boards to make information more accessible to the students, through internet.
- ✚ More and more digitalization of library, paper free governance to protect the environment.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years).

- ✚ Every student pays a nominal fee of Rs 650 /- annually towards the use of ICT facilities. The college prepares a regular budget in each financial year for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution, which is duly approved by the ICT Committee, which comprises the following members:
 - Principal – Chairperson
 - Vice Principal
 - Bursar
 - Convener ICT from Teaching Faculty
 - Convener – IQAC/ ASC
 - Convener – Research Committee
 - ICT In-charge from ICT labs (Non-teaching/ Technical)
- ✚ Maintenance of branded equipment is done by the company during the warranty period which is generally of 2-3 years. Beyond that, the college maintains the equipment through an Annual Maintenance Contract.
- ✚ SVC has appointed the staff for the maintenance of ICT on contractual basis, and in the process of regular appointments also. The staff includes: 01 Senior Technical Assistant, 02 Junior Technical Assistants and one Lab Attendant, who manage the whole campus area networking and handle the trouble shooting of computer systems.
- ✚ In case of major hardware problems, the college takes the services of hardware concern engineers from the organization with whom the college has assigned an Annual Maintenance Contract.
- ✚ The detail of expenditure made, during the last four years, is as under:

Table 4.15: Detail of Expenditure:

<i>S. No.</i>	<i>Head/ Item</i>	<i>2014-15 in Rs.</i>
	Security & Safety Equipment (CCTV & Fire Alarm)	Nil
	UPS Uniline	94,448/-
	UPS Numeric	68,818/-
	Server (LAN)	Nil

	AC	1,23,146/-
	LED Projectors & LED Projectors	Nil
2.	Cartridge Refilling/Replacement	37,350/-
3.	Networking	20,200/-
4.	Hardware/Purchase & repairs	2,29,087/-
5.	Provision for replacement of system (Depreciation Reserve)	Nil
6.	Software Purchase etc.	2,23,617/-
7.	Stationery	Nil
8.	Miscellaneous (Including Net4 Server rental and TATA Internet connection)	1,66,764/-
	Salary of Man power	
9.	STA	2,25,000/-
	TA	1,77,500/-
	Lab Attendant	1,13,000/-
	Total Expenditure	14,78,930/-
Previous Years		
	2011-12 –	Rs. 2,78,682/-
	2012-13 –	Rs. 27,43,109/-
	2013-14 –	Rs. 5,09,758/-

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer aided teaching learning material by its staff and students?

The institution facilitates extensive use of ICT resources for the purpose of enriching the students with the latest knowledge and giving them a platform for voicing their doubts and concerns about the topic in question. The college has full concern for:

- Spacious Interactive Classrooms with LCD projectors.
- Interactive sessions in the classroom.
- Power point presentations.
- Demonstrations & Project preparation.
- Group discussions.
- Educational films and documentaries.
- Moreover, some of the teachers have created their blogs and also interact with students through social media.

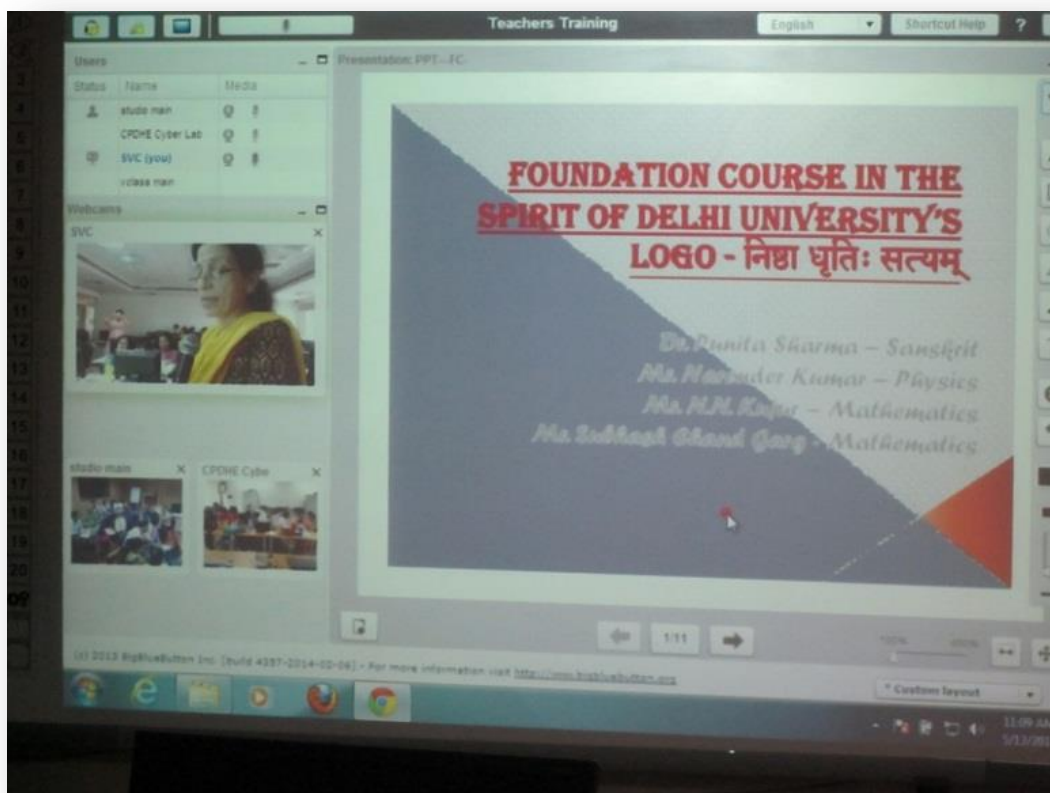
This improves not only the communication skills of the students but also their inter personal skills, decision making skills, business communication, Pre-Placement Training, Corporate Readiness, thus grooming them into refined, confident and articulated young professionals, ready to face the cut-throat competition in the corporate world. (Also see details at 2.3.5)

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled Classrooms /learning spaces etc.)

by the institution place the student at the center of teaching- learning process and render the role of a facilitator for the teacher.

The learning activities and technology deployed classrooms by the institution place the student at the center of teaching learning. For example in SVC:

- ✚ The corresponding changes in the use of new technologies simultaneously address learning and governance. As a result a significant impact on academic development as well as on administration and governance of the college can be seen.
- ✚ Traditional methods of delivering higher education are needed to be complimented with computer aided teaching/ learning material so as to keep pace with the development in other spears of human endeavor.
- ✚ The Faculty is adequately prepared and makes use of ICT facilities optimally. Conscious effort is also being made to invest in hardware, and to orient the faculty suitably whenever it is required.
- ✚ Audio-Visual mode of teaching is carried out by all departments with the use of whiteboard, Flow Charts, Overhead Projector, LCD Projector, Laptop, Computer with Internet Connections and e-resourced of Library. Following picture is depicting the Virtual Class Room of Foundation Course at DU.



- ✚ In addition to using technology as learning resources, managing the activities of the institution in a technology-enabled way will ensure effective institutional functioning. The Institution has moved towards electronic data management and has its own website that provides ready and relevant information to stakeholders.
- ✚ DU has often posted course materials for UG and PG papers. ILLL has also developed MCQ, free of cost for the benefit of the students.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

The College is a part of NKN's fiber optic Gigabit Network through the University of Delhi with present Internet speed of 100Mbps scalable to 1Gbps. The services availed are:

- ✚ Internet connectivity.
- ✚ Video conferencing among colleges and between college and DU.

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

- ✚ Maintenance of college building is largely from the grant received from the UGC. In addition, TTD may also contribute for the infrastructure development in the college. For example, the Auditorium is constructed by the TTD. Besides this, students' fees also include a small component in the form of 'Development Fund', paid by them annually.
- ✚ The recent renovation and construction is done from one time grant received from UGC under OBC students' reservation policy in 2011. The detail is as follows:
- ✚ **Table 4.16: Non recurring Head for construction of new building/ infrastructure + 10% repair/ renovation from July 2008 – October 2011:**

<i>Date</i>	<i>Money received (in Lakhs)</i>
27/08/2008	96.00
29/12/2008	288.00
11/06/2009	241.00
15/02/2010	193.00
29/09/2011	145.00
Total	963.00
10% towards repair/renovation	96
Allocated amount under the above head	867.00

- ✚ **Table 4.17: Recurring Head for repair/ renovation:**

<i>Date</i>	<i>Money received (in Lakhs)</i>
15/02/2010	200.00
10% towards repair/renovation from non- recurring head	96.00
Total	296.00

Table 4.18: Development Fund collected from the students during the last four years:

<i>Financial Year</i>	<i>No. of Students</i>	<i>Amount per student (in Rs.)</i>	<i>Total Amount (in Rs.)</i>
2011-12	3931	300	1179300/-
2012-13	3805	600	2283000/-
2013-14	3621	600	2172600/-
2014-15	4008	600	24,04,800/-
2015-16	4061	600	24,36,600/-

- The college utilize financial resources as per the guidelines received from UGC and DU from time to time. The detail of Expenditure during the last four years is as follows:

Table 4.19: Detail of Expenditure:

<i>S. No.</i>	<i>Particulars</i>	<i>Amount in Rupees</i>			
		<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>
1.	Building	92,55,744	--	40,94,249	10,94,822
2.	Furniture	---	26,20,549	60,81,790	10,84,442
3.	Equipment	24,09,313	6,03,333	----	----
4.	Computers	2,78,682	27,43,109	5,09,758	18,16,185
5.	Repair & Renovation	40,95,388	1,06,92,214	54,77,612	70,25,825

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

- The college Building Committee assisted by the Executive Engineer of TTD and Development Fund Committee, constituted by staff council undertake the assessment of maintenance of physical infrastructure i.e. Building repair/renovation work, water & power supply, and supervision. These committees not only supervise construction of new infrastructure and maintenance of it but also take up works on request of college staff appointed various committees. It is through tender (online through TTD)/college website/university websites/ open tender as per the guidelines of UGC.
- There is a full time caretaker in the college to look after the immediate need of repair/ renovation of infrastructure, maintenance of store and AMC works along with the following appointed team of workers:
- Electrician and plumber to attend : 01 each full time on contractual

- basis minor faults and repairs on a regular basis
- Chowkidar permanent : 03
- Gate-keepers, night guards, security guards: Outsourced & number keeps on changing
- System administrator on contractual basis : 01 full time
 - Computer & Server Maintenance : 01 full time on contractual basis
 - Cleanliness/garden maintenance staff 19+07+08=32 (Sulabh International)
- ✚ The maintenance of computers is carried out by trained in-house experts and of UPS (10-05-02 KVA) through outsourced appropriate agencies.
- ✚ RO machines & EPABX system, ZEROX machines are kept under annual maintenance contract to appropriate agencies.
- ✚ Equipment and furniture is regularly purchased to keep the infrastructure upgraded.
- ✚ All scientific equipment is well maintained by the technical staff/teachers of various labs/departments. Hi-tech maintenance is outsourced, most often to the manufacturers.
- ✚ Maintenance of toilets, bathroom service areas and security are done on contractual basis through various agencies like Sulabh international, MSB security etc.
- ✚ As an alternative arrangement of having uninterrupted power supply, college has its own 160 KVA DG set AMF panel.
- ✚ To cater the need of fire safety measurements, all science/arts/admin blocks, corridors, library, ICT lab, all science labs and hostel are fitted with fire extinguishers.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

Day to day cleanliness of equipment is carried out by the laboratory attendants. Other specialized lab equipment is maintained by the technical staff, lab assistants and concerned faculty members. Some sensitive equipment, such as the Spectrophotometer, Plastocraft Centrifuse, Auto-clave, BOD incubator, Laminar, Binoculars Microscopes, Microprocessors, pH system with electrodes, Electronic balance, Conductivity meters, Digital H.B meter, Storage CRO, Function/Pulse Generator, Helium Neon Lasers, Digital gauge meter, Fiber optic sets, CRO etc. are calibrated every six months from the agencies (mainly manufacturers) to which the upkeep is outsourced.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuation, constant supply of water etc.)?

- ✚ The college electrician, technical and laboratory staffs of various departments, teachers and the supporting staff are mainly responsible for the upkeep of electrical equipment and their maintenance:
- ✚ Voltage stabilizers, 5-10 KVA UPS and transformers have been installed to control voltage fluctuations

- ✚ Laboratory staff keeps a strict vigil regarding the maintenance and upkeep of the scientific equipment, chemicals and plants. Their repair, replacement or any other requirement, as also the upkeep, is fully undertaken in their supervision. Equipment and chemicals are placed at safe places.
- ✚ A botanical garden has been developed under the guidance of teachers and is maintained by the lab staff to cater to the needs of students of Botany Honors.
- ✚ For constant supply of water, the municipal supply is stored in tanks, which are periodically cleaned. It is supplemented by bore-well water. The RO System in all the 3 blocks along with library and canteen is constantly serviced and made fully operational with additional safety measures such as the installation of media filter at the source of water for filtering mica and other effluent particles.

Any other relevant information regarding infrastructure and learning resources which the college would like to include.

- ✚ **Observations:**
 - To overcome the space constraints in terms of classrooms, tutorial rooms, labs, research rooms etc., there is a proposal to construct a new academic block (Durga Bai Deshmukh).
 - The college library needs renovation (civil & electrical) and expansion to include new books, extended reading space to accommodate more students. as well as Canteen renovation is important due to the increase of students
 - Canteen renovation and need for another 160 KVA generator set
- ✚ **Measures undertaken:**
 - The addition of a new academic block (3000 sq mt) to meet the additional requirement of classrooms, tutorial rooms, labs, research rooms etc. is in final stage of approval and shall be completed in 2-3 years.
 - Installation of an lift (science/Arts block) is under way.
 - Library expansion plan, along with civil and electrical repairs and renovation has been submitted for its approval and will be taken up shortly.
- ✚ **Others**
 - Vehicle Parking: The College has a big parking area near the auditorium for both two- and four-wheelers for faculty, staff and visitors.
 - The College premises are utilized for conducting university exams and other competitive examinations.
 - The college provides facilities for innovation projects funded by the DU.
 - Certain equipment purchased for the laboratories and projects under DBT, UGC grant have been made available to the students.



SRI VENKATESWARA COLLEGE

**CRITERION V
STUDENT SUPPORT AND
PROGRESSION**

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

✚ Yes, the SVC publishes its prospectus annually prior to the commencement of UG and PG admissions, which are notified by DU. It provides the following information to the students:

- Highlights the vision and mission of the college and also familiarizes aspiring students with its philosophy that emphasizes on imparting value based quality education.
- A brief history of College.
- Contact details with list of phone numbers, Email ids, Fax numbers and map directions indicating the location of the campus.
- A brief account of facilities available on campus.
- Academic calendar for the forthcoming session.
- Enlists various courses offered by the college, number of seats in each course (category wise) and the eligibility criteria for admission to these courses.
- Detailed admission guidelines and schedule.
- Provides a list of last academic year's "Minimum cut-off percentage of marks" on the basis of which the candidates were admitted in the college.
- Lists fee structure for each course, procedure for fee payment.
- Mentions various scholarships/fellowships that students can avail of.
- Information about the facilities for differently-abled students and belong to economically weaker sections of the society.
- States the policies regarding Discipline and Ragging.
- Conveners and members of admission committee, anti-ragging committee and Sexual Harassment committee is also provided to facilitate the students.
- Faculty detail of all departments, administrative and non- academic staff.
- Format of Undertaking by the Student and Parent/ Guardian.

✚ SVC ensures its commitment and accountability towards its students by ensuring the following:

- The college has their representatives in various college committees and bodies.
- At any stage of the student's enrolment with the institution, any grievances pertaining to admission, ragging, evaluation etc. are duly redressed by a competent committee.
- Through the electronic data management system, students have access to information related to their attendance or internal assessment.

- All information pertaining to time-tables, examination schedule and payment of examination fees etc. are clearly displayed on the college website as well as on the notice boards from time to time.
- The college follows and abides by all the information it disseminates.

5.1.2 Specify the type, number and amount of institutional scholarships/ free ships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The College provides a number of scholarships, fellowships and free-ships to the students, which can be broadly categorized into the following categories:

- + Free-ships to economical weaker students by SVC
- + TTD Funding: Balaji Gold Medal etc.
 - Academic Awards
 - Sports Awards
- + SVC Funding:
 - Academic Awards
 - Students Union Awards.
- + DU Funding: Endowment Scholarships etc.
- + Instituted Prizes by Notable Personalities (Memorial Prizes etc.)
- + Instituted Prizes by our own faculty members (Retired or still working)
- + Prizes/ Scholarships instituted by Corporate world e.g. Sultan Chand Scholarships etc.
- + Prizes/ Scholarships instituted by Charitable Trusts e.g. Lions Club, Red Cross Society
- + Central Government Funding:
 - Science Merit Scholarships
 - National Scholarships/ Post Matric Scholarships
 - Rashtriya Sanskrit Samsthan Scholarships
 - Rajiv Gandhi Scholarships to SC/ ST/ OBC etc.
 - Indira Gandhi Scholarships to Single Girl Child.
 - Sports Encouragement Scholarships as Ranji Trophy etc.
- + J & K Scholarships (announced in 2015)
- + State Government Funding:
 - Hindi Academy
 - Delhi Sanskrit Academy
 - Sangit Natak Academy
- + Any Other

Table 5.1: Amount Spent on Scholarships/ Prizes and Free-ship etc.

Scholarships/ Free-ships etc.	2011-12		2012-13		2013-14		2014-15	
	No. of Students	Amount in Rs.	No. of Students	Amount in Rs.	No. of Students	Amount in Rs.	No. of Students	Amount in Rs.
For Waiver	39	93822/-	123	171500/-	181	181000/-	262	1615448/-

(College Fee)								
For Waiver (Hostel Fee)	-	-	-	-	-	-	-	-
SVC Funding								
• Academic	24	26526	25	38250	28	45828	28	50700
• Sports								
TTD Funding Balaji Gold Medals and Scholarships								
DU Funding	5	10500	0	0	0	0	0	0
By Notable Personalities								
By our own faculty members	11		6		9		9	
Corporate World	2	1566	2	11000	3	13500	3	16800
Lakshmi & Usha Mittal Foundation	0	0	0	0	0	0	1	6500
Central Government Funding								
• Science Merit Scholarships	19	15195	13	12000	15	13200	0	0
• National Institute of VH Scholarships	1	16000	1	24000	1	24000	0	0
• Rashtriya Sanskrit Samsthan Scholarships	Data not Available							
• Govt. of Manipur: SC/ST/OBC etc.	30 (ST) 5(SC)	176340 60000	0	0	0	0	0	0
• Indira Gandhi Scholarships to Single Girl Child	2	80000	0	0	0	0	0	0
• Govt of Arunachal Pradesh Scholarships	0	0	0	0	1	6815	3	23115
• J & K Scholarships	0	0	0	0	0	0	0	0
State Government Funding								
• Hindi Academy								
• Delhi Sanskrit Academy	Data not Available							
• Sangit Natak Academy								
Any Other								

- ✚ The Scholarships and Prizes, instituted by SVC, TTD, notable personalities, own faculty members, corporate world are disbursed on the annual day of the college by Bank Cheques or in the form of prize (whatever is instituted).
- ✚ The Prizes instituted by Central and State Govt. are disbursed by the college on the availability of funds sent by the respective agencies.
- ✚ Fee Concession is given to the needy or economically poor but deserving students on the recommendations of Free ship Committee. The Principal calls this meeting urgently in the first semester only to benefit the students, so that they should not leave their course due to financial hurdle.

For detail of Prizes at SVC refer Table 06

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

The detail is tabulated below:

Year	Total Students at SVC	Financial Assistance Received by Students at SVC					
		Central Govt.		State Govt.		Other National Agencies	
		No.	%	No.	%	No.	%
2011-12	3804	57	0.010	-	-	4	Negligible
2012-13	3453	14	0.004	-	-	4	
2013-14	3510	17	0.004	-	-	6	
2014-15	3855	03	<0.001	-	-	6	

5.1.4 What are the specific support services /facilities available for different groups of students:

SC/ST, OBC and economically weaker sections:

To cater to the academic needs of students belonging to SC/ST and OBC category the specific support services are taken:

- ✚ Remedial classes are conducted to help them improve upon their English communication skills that help in developing confidence and high self-esteem.
- ✚ Book Bank Facility in Library.
- ✚ Free-ship cell cater to the needs of students belonging to the economically weaker sections of the society.
- ✚ Special category admission enabling committee is constituted comprising of the college teaching staff to facilitate admissions of students belonging to special categories.
- ✚ These students are also given financial assistance in the form of free-ship, merit and post matric fellowships. (kindly refer table 5.1).

Students with physical disabilities:

SVC community is very sensitive towards our students/ staff with special needs. At each step the college and its staff facilitate students with special needs to have a physically as well as an academically smooth learning process.

- ✚ The college has taken special care to provide ramps with handles wherever required.
- ✚ The restrooms for PH students/staff are specially designed to avoid any inconvenience.
- ✚ The time-tables are adjusted and class rooms are allotted in order to make their years in college comfortable.
- ✚ For visually impaired students, Braille readers and Braille books, syllabi and reading material are available in the library.
- ✚ The EOC follows the directives of the DU in creating equal space for students with disability and minorities.
- ✚ Motivation and encouragement is provided through activities related to both academics and co-curricular activities.
- ✚ All efforts are made to enable students with disability to be a part of the mainstream through inclusion in programs such as tours, festivals, debates, fine arts, theatre and talent hunt.
- ✚ Remedial English classes have also helped the members to integrate with the larger community.

Overseas students:

Every year SVC enrolls around 20 to 25 overseas students in various courses.

Table 5.2: Number of Overseas Students in the last 4 years

Year	2011-12	2012-13	2013-14	2014-15
No. of overseas students enrolled	35	24	27	32

- ✚ A special desk is arranged for the foreign students at DU at the time of admission to address their problems, whatever they are facing.
- ✚ In lieu of Hindi language, provision for other subject e.g. History and Philosophy is given at the College level as per the directives of DU.
- ✚ Students and teacher help them in adjusting in new country and environment.
- ✚ Equal opportunity is given to participate in college Seminars, Conferences and Cultural activities etc.

Students to participate in various competitions /National and International:

- ✚ The conveners of the Sports and Fine Arts Association submit a budget in the beginning of each academic year wherein financial requirements are mentioned for travel/ coaching/ training etc.

- ✚ Negligible help is provided for transport facility for students to attend/ participate in functions/ competitions in various other institutions in and outside Delhi.
- ✚ Special care is taken to ensure better nutrition of sports person, therefore refreshments are provided to players.
- ✚ Coaches/ trainers are made available as per the individual society's requirements.
- ✚ Students who represent the college in various events are also given exemption from attending classes.

Medical assistance to students-

The college is ideally located in the city Delhi and any kind of medical emergency can be addressed immediately.

- ✚ SVC is linked with W.U.S. and UDSC Health center provides proper care to our college staff and students.
- ✚ The college has a medical room for emergency. Dr. Kamala Rao, Medical Officer at South Delhi Campus looks after the medical needs of the students and staff. The medical room is open from Monday to Friday for three and a half hours a day. Services available include free consultation, counseling, first aid, provision for tetanus vaccine and basic emergency medicines. Day scholars, hostellers and the staff avail of the medical facility as and when required.
- ✚ Hostel students also have membership of the Health Center, South Campus, University of Delhi.
- ✚ SVC is geographically situated very close to medical hubs such Charak Hospital, NDMC (less than 2 kms), AIIMS and Safdarjung Hospital (Less than 8 kms). In case of any emergency students/staff are taken to any of above mentioned hospitals for specialized care.
- ✚ The college regularly organizes health check-up and blood donation camps for students and staff.
- ✚ Special lectures by eminent speakers are organized to sensitize students on various health issues.
- ✚ Two Counselors are appointed on contract basis for psychological healing.
- ✚ For spiritual and emotional well-being of students, the college organizes special lectures on spirituality.
- ✚ The institute plans to have medical insurance for students in the near future.

Organizing coaching classes for competitive exams: None

Skill development (spoken English, computer literacy, etc.):

To enhance skill and entrepreneurship, SVC runs three specially designed courses. (Refer 1.1.7 & 1.2.1)

Support for “slow learners”:

SVC believes in nurturing a conducive learning environment where every student's potential is brought to fruition.

- ✚ Slow learners are identified by respective teachers, encouraged in their academic pursuits and are given additional time by teachers for clarifying doubts.
- ✚ Simple assignments and re-tests are arranged for those who otherwise face difficulty in routine exercises.
- ✚ Special tutorials/ remedial classes are conducted for such students to help them develop a better understanding of the subject.
- ✚ For those not well-versed in English, teachers practice bilingual mode of lesson delivery and discussions.
- ✚ Peer learning is encouraged through group discussions and presentations.

Exposure of students to other institution of higher learning/ corporate/ business house etc.:

SVC encourages a hands-on attitude to learning which includes exposure beyond the classroom as well. It believes that visits to various research institutes and corporate houses helps students, develop a better understanding of some concept which adds on to the class room teaching. To introduce students to other institutions, trips are routinely organized to research institutes such as IARI, NPL, TERI, IMTECH and industries such as Maruti Udyog, Mother Dairy etc.

Publication of student magazines:

- ✚ SVC publishes its annual magazine '*Neeranjana*' which is generally released on the occasion of the annual day of the college. The magazine publishes the articles in five languages such as English, Hindi, Sanskrit, Tamil and Telugu. The editorial board of each language has student representatives who are involved in the collection of articles, their editing and designing.
- ✚ In addition to college magazine, several departments and societies also bring out their annual magazines which have significant contributions from students. *Expressions* (Biochemistry) and *Mosaic* (English) are out of them.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

The institution firmly believes that what our students learn here should be translated into something productive and must be given back to the society. For this, it is imperative that students have better entrepreneurial skills. Working in this direction:

- ✚ The college has set-up an *Entrepreneurial cell* in the year 2014 which is tasked with the conduct of programs for student motivation, knowledge sharing by noted academicians and industry experts. In the year 2014, a two-day program '*Entregensis'14: The Boulevard of Breakthroughs*', was conducted with the financial assistance of DST. This entrepreneurship fest was the first of its kind in the DU and was a host to a plethora of events

presenting a unique platform to all the participants to showcase their passion and panache in this field.

- ✚ This E-Cell is still in its embryonic stage and can become a fruitful platform for converting creative ideas into commercial ventures—even at the college level with active support and encouragement from successful entrepreneurs and funding agencies in the years ahead.
- ✚ Further, students are encouraged to take add on courses which enhance their skills for immediate employment after graduation. For example, the Department of Economics conducts special sessions for Economics students to appear for various modules in financial markets offered by the National Stock Exchange.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

- ✚ Practicing the idea of holistic education, SVC promotes and supports the participation of students in various extracurricular and co-curricular activities.
 - The college admits students under sports and extra-curricular activity categories as per the DU rules. Presently 2.5% of seats are reserved for sports and 2.5% for ECA as supernumerary.
 - Teachers conduct separate internal assessment/ lab practical in case of any clash between the Academic and Sports/ ECA schedules.
 - Students are also given attendance for participation in various University, National and International competitions.
 - The Physical Director arranges and provides all the equipment to students which is funded through various means such as student fee, rent from ground lease etc.
 - Special care is taken of their dietary requirements for which Rs.35 is given to the students per day. Further for inter-college tournaments in Delhi Rs.75 is given to all the students and Rs.100 for the Cricket team. Rs.200 is also paid to the students for tournaments outside Delhi.
 - Sports uniform and sporting kits are provided to them from time to time.
 - College pays the entry fee for all the sports competitions on behalf of students.
 - The Sports and ECA students are rewarded with cash prizes and mementos for their achievements in these activities
 - The entire expenditure on account of participation in sports, games and partial expenditure for participation in quiz, debate, cultural activities of the students outside Delhi is paid by the College.
 - The Students Union and Fine Arts Association of the College jointly conducts the annual cultural festival *NEXUS*, the most popular amongst the colleges under the DU. Several events like Dance, Music, Street Play, Choreography, Quiz, Rangoli Making and Face Painting, battle of the Bands, Star Nite, are organized for creative expression.

✚ In addition, College has several other societies which gives wings to students creativity:

- Art society: LEONCI
- Film and Photography Society: EFFULGENCE
- Indian Music Society: ALAAP
- Western Music Society: CRESCENDO
- Street Play: ANUBHUTI
- Indian Folk and Film Dance Society: NUPUR
- Western Dance Society: VERVE
- English Dramatics Society: VERBUM
- Choreography: NRTIYA
- Quiz Society: CONQUIZTADORS and
- Debating Societies (English & Hindi) .

All societies enthusiastically participate in many inter-college and inter-university competitions across India.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET, UGC-NET, SLET, ATE/CAT/GRE/ TOFEL/ GMAT/ Central/ State services, Defense, Civil Services, etc.

SVC prepares its students to face academic challenges and become global citizens. Teachers facilitate students to prepare for various competitive examinations that they have to appear after graduation by guiding them about how to begin preparation for these exams, give them reference books and study material. But no formal mechanism is adopted by the college yet. Moreover, the college does not maintain any formal record as many of these exams are conducted after post-graduation and the successful candidates.

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

The available counseling services at college are:

Academic Counseling:

- ✚ Students are given academic guidance to resolve any curriculum related issue.
- ✚ Orientation programs are organized by all the departments in the college for the new entrants.
- ✚ Teachers are committed towards being compassionate and motivating the students to overcome challenges and focus on their academic pursuits.
- ✚ Academic counselling is given to the students through various seminars and workshops organized for them.

Career Counseling:

- ✚ Students are timely informed about various career choices and opportunities in their respective fields.
- ✚ Teachers often help them to decide upon the appropriate course/University for further studies.
- ✚ Seminars and workshops are also organized to apprise them about various career opportunities.
- ✚ The college has an active Placement Cell which gives our students adequate exposure to various career opportunities and challenges.

Personal counselling:

- ✚ Two Professional Counselor visits the college thrice a week to provide personal counseling to the students.
- ✚ The Principal and the teachers of the college are also available for any kind of personal counseling to the students.

Psycho-social counselling:

- ✚ Psycho-social counseling is given to students who suffer from any health related issue or have any family/personal problem.
- ✚ WDC and EOC of the college invite resource persons from various fields for professional as well as psychological counselling of the students.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programs).

- ✚ The college has a well-functioning career guidance and Placement Cell.
- ✚ The cell is responsible for conducting special sessions wherein eminent speakers/educationalists from the various industries are invited to share information and knowledge on the various opportunities available in higher education and the employment sector.
- ✚ Final year students submit their application for jobs to the placement cell which is placed before the recruiting companies. Students normally go through a multilevel screening before final selection.
- ✚ Various seminars related to resume writing skills, communication skills and employability checks have been organised by the Placement Cell.
- ✚ Each department also conducts counseling session on higher educational opportunities in India and abroad. The department committee headed by the Teacher-in-Charge is responsible for timely dissemination of information relating to entrance examinations, provision of letter of reference/recommendation for study abroad.

- ✚ The following companies/organizations visited the college in the last four years. Deloitte, Ernst & Young, KPMG, PwC, Google, Axis Consultancy, Verity Knowledge Solutions, Smart Cube, McKinsey, Airtel Group, Oberoi Group, Takshashila, S&P Capital IQ, Grant Thornton, Teach for India, R&F Technologies, EXL Services Ltd, Zomato, FLIP, Promise group, University18, Expert Global, Career Launcher, India Infrastructure, Kotak Mahindra, ITC Ltd.
- ✚ Considering the diversified talent pool the recruiters offered varied profiles in the genres of Auditing, Analytics, Consultants, Merchant Banking, Hospitality, Content Writing, Teaching & Creative Writing.

Table 5.3: List of students selected against number of applications recruited by different companies in the year 2015

Date	Name of the Company	Candidates Applied	Candidates Selected	Package (Rs. Lakh per annum)
3rd August,2015	Deloitte	69	17	4.25
6th August,2015	Ernst & Young	52	12	3.3
8th September,2015	Axis Risk Consultancy	44	5	2.75
15th September,2015	KPMG	38	15	2.75
17th September,2015	Near buy (Groupon)	71	5	7.24
18th September,2015	On course Vantage	45	1	4.2
29th September,2015	NIIT Ltd.	65	8	4
		Total	63	

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

- ✚ The institution has a student grievance redressal cell. The cell is responsible for redressal of grievances related to admissions, examinations, attendance, internal assessment etc. The Grievance Redressal Committee comprises the following members:
 - Principal Chairperson
 - Convener Nominated/ Elected by Staff Council
 - Bursar
 - ASC Convener
 - Students Union Advisor
 - Proctor
 - Hostel Wardens
 - Culture & Fine Arts Convener
 - Physical Education and Sports Director

- Administrative Officer
- ✚ There is a complaint box located prominently in the college premises in which students can drop their complaints, if any.

Table 5.4: Grievances Reported and Redressed during last 4 years:

S. No.	Subject of Grievance	Name of the Student & Date of Grievance	Redressal	Result
No data is recorded and saved by the office.				

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

- ✚ The provisions under the sexual harassment of women at work place (prevention, prohibition and redressal) Act 2013, and the sexual harassment of women at work place (prevention, prohibition and redressal) rules 2013 are under implementation at SVC since 9th December 2013, laid down in the DU Ordinance XV-D. In accordance with the above mentioned ordinance.
- ✚ A committee against sexual harassment called the Internal Complaints Committee has been constituted to deal with such issues pertaining to the students and staff. The following is the present composition of the committee. The committee meets at regular intervals and on an emergency basis if the need be, to appropriately deal with all such cases.

Table 5.5: Internal Complaints Committee (2015-16)

S. No.	Name	Status
1.	Principal	Chairperson
2.	Dr. Anita Verma	Presiding Officer
3.	Dr. Meenakshi Kuhar	Associate Professor, Department. of Biochemistry
3.	Dr. Namita Pandey	Associate Professor, Department of Political Science
4.	Dr.S.Seenivasan	SC/ST Observer & Associate Professor, Department of Tamil
5.	Mr. Virendra Kumar	Administrative Officer
6.	Ms.P. Padmawathi	Representative, Non -Teaching
7.	Mr. M.S. Kasana	Advocate, External Expert

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

- ✚ Yes. The college has an Anti-Ragging Committee as per the DU ordinance XV-C.

- ✚ The names and phone numbers of the committee members (same as in table 5.5) are displayed on a board in the college and are also available on the college website.
- ✚ The Anti-Ragging Squad of the University also takes round in the college campus.
- ✚ The college takes pride in the fact that no instances of ragging have been reported in the college in the last four years

5.1.13 Enumerate the welfare schemes made available to students by the institution:

The following are various welfare schemes available to the students:

- ✚ Best Academic Facility
- ✚ Admission Counseling
- ✚ Anti-Ragging Committee
- ✚ Book Bank in Library
- ✚ Scholarships and Free-ship Cell
- ✚ Special Classes for weak learners
- ✚ Distribution of laptops provided by the University in FYUP Scheme
- ✚ Travel Concession to students (Bus and Train)
- ✚ International Academic Exchange – Every year SVC hosts students from foreign universities under the India- UKERI Education Foundation.
- ✚ Culture/Sports
- ✚ One of the best, well maintained cricket grounds of the South Delhi campus
- ✚ Coaching Facilities for Tennis, cricket, etc.
- ✚ Promotion of participation in inter-college sports and cultural events
- ✚ Provision of Kits and sports material to the students.
- ✚ Annual cultural festival NEXUS, a wonderful platform for SVC students to showcase their talent and encourages peer interaction for cultural exchange.
- ✚ Welfare for the special Sections of Society
- ✚ Disable friendly campus including library and Wash Rooms
- ✚ Equal opportunity Cell
- ✚ Grievance Redressal Committee
- ✚ SC/ST Minority Room
- ✚ North-East Society
- ✚ Women Development Cell
- ✚ Cell against Sexual harassment
- ✚ WDC Cell in association with SV College Social Service Society Parivartan organizes several events, workshops, melas and public lectures to sensitize students on issues pertaining to the society.
- ✚ Infrastructure
- ✚ Medical room with in-house Physician
- ✚ Banking Facilities
- ✚ Placement Cell
- ✚ Photocopying facility
- ✚ Canteen/ Tiffin Junction
- ✚ Common Rooms for Girls.

- ✚ Library with E-resources
- ✚ ICT Labs
- ✚ Metro Station (Soon to be functional)

5.1.14 Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

The institution has an Alumni association. The contribution of this association is mainly pertains to the institutional and academic development. Till date no alumni has contributed the institution for academic and infrastructural development. But,

- ✚ Many of our Alumnae are now part of the college community as faculty and supporting staff.
- ✚ Alumni always help the college to bring guests at Golden Jubilee and other celebrations.
- ✚ Help the college in student placement in India and abroad.
- ✚ Many departments have alumnae talks annually.

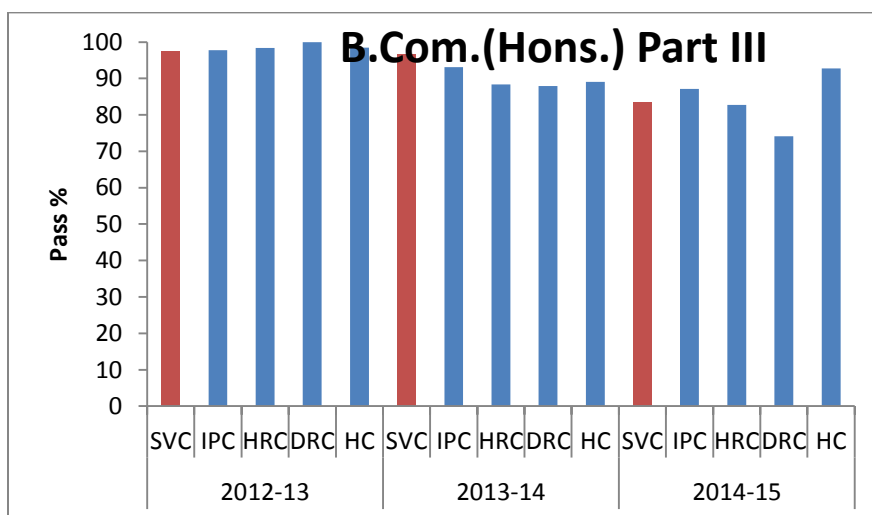
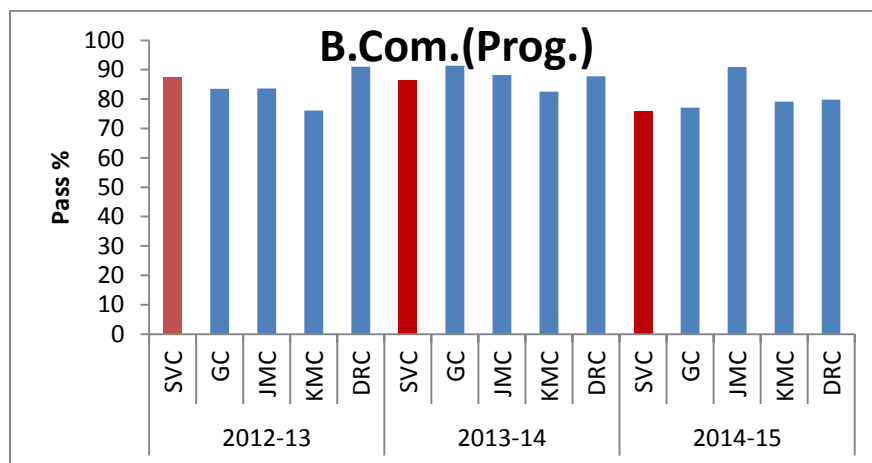
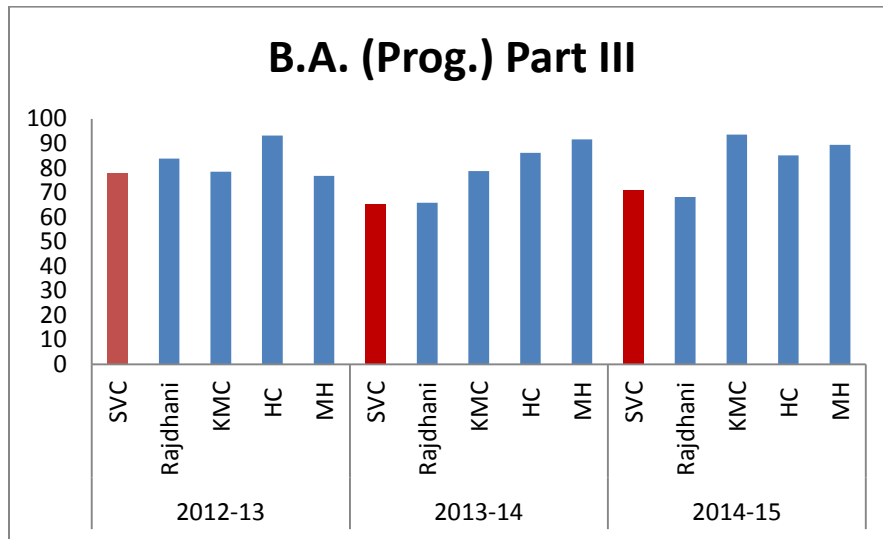
5.2 Student Progression

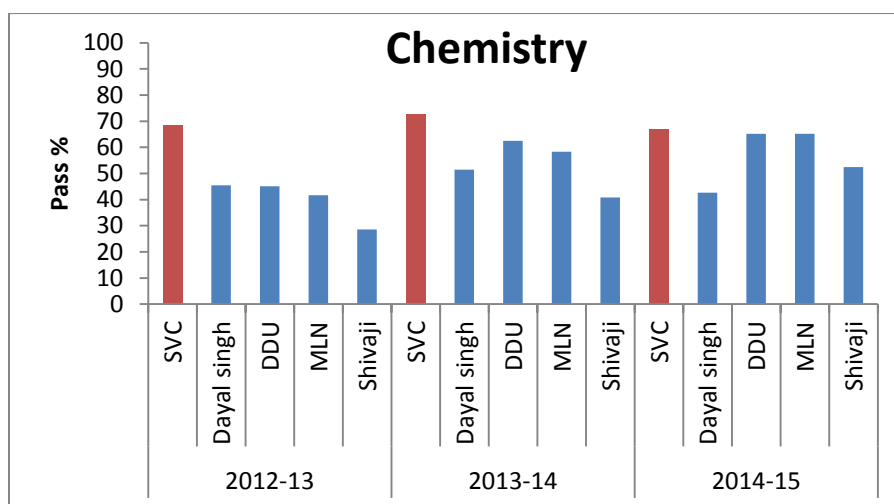
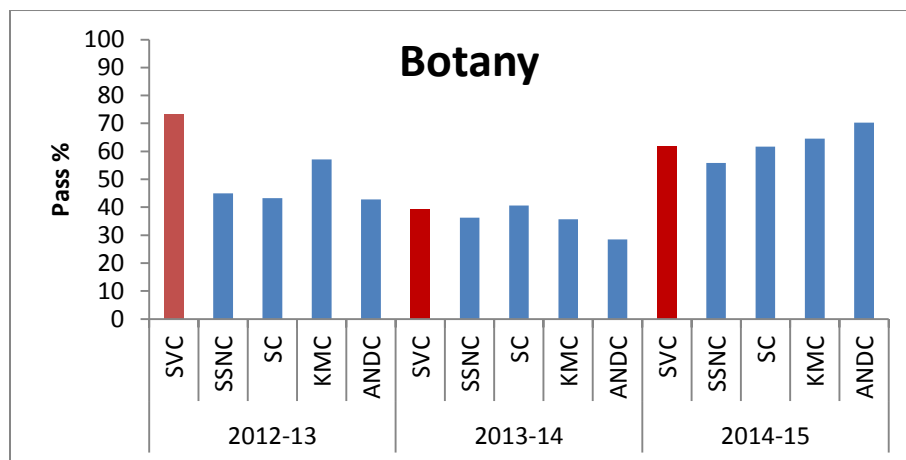
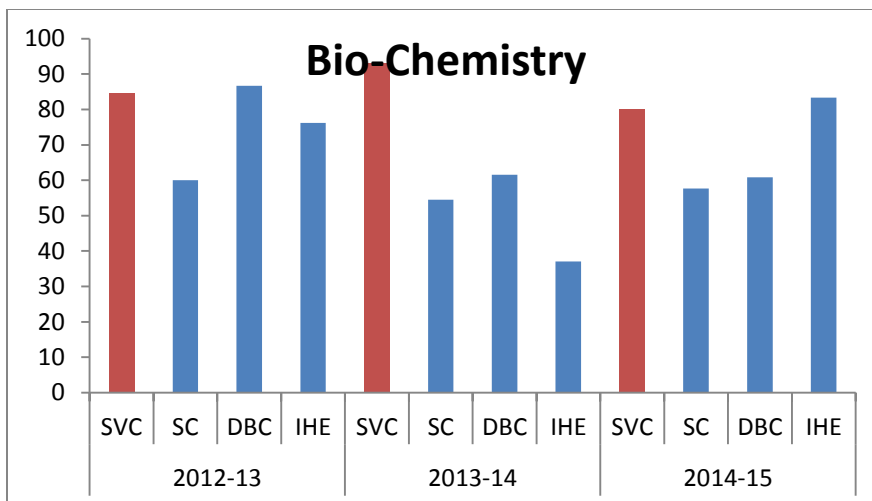
5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlights the trends observed.

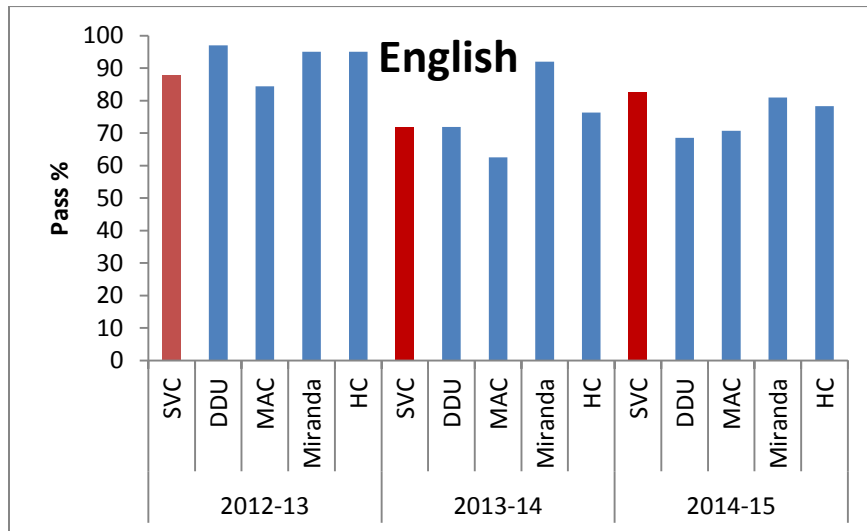
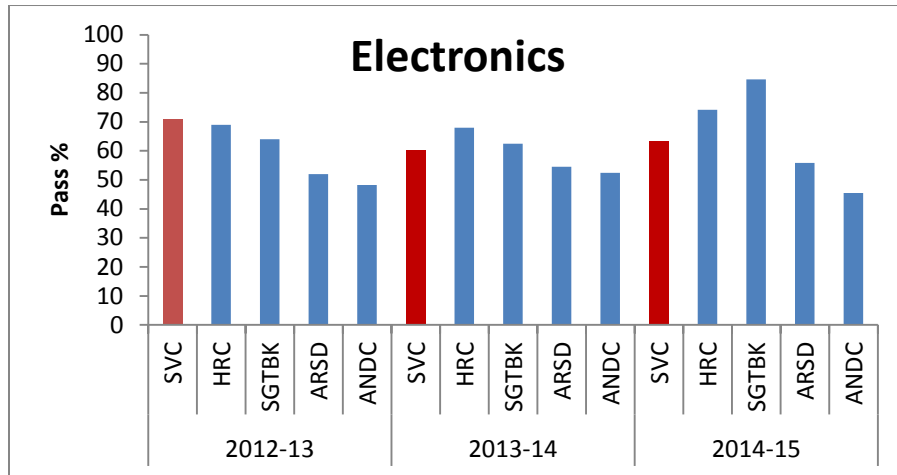
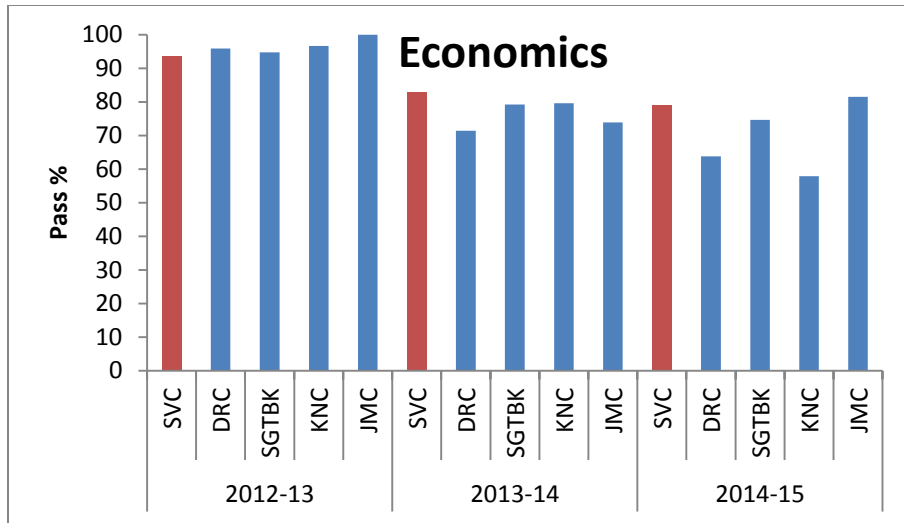
- ✚ The students after graduating from the college generally opt for higher studies by clearing examination at National level.
- ✚ Some students also enroll in University abroad for post graduate programs or integrated Ph. D programs.
- ✚ Many of the students have been selected in Max Plank, (Germany), University of Nottingham (UK), University of Bremen (Germany), Carnegie Mellon (USA) and others.
- ✚ The College also has an active placement cell that provides job opportunities (See section 5.1.9 for details)
- ✚ There is no successful mechanism till date to keep systematic record for all the students enrolled in our college, due to several reasons. hence it is difficult to calculate the percentage of students opting for higher education or employment.

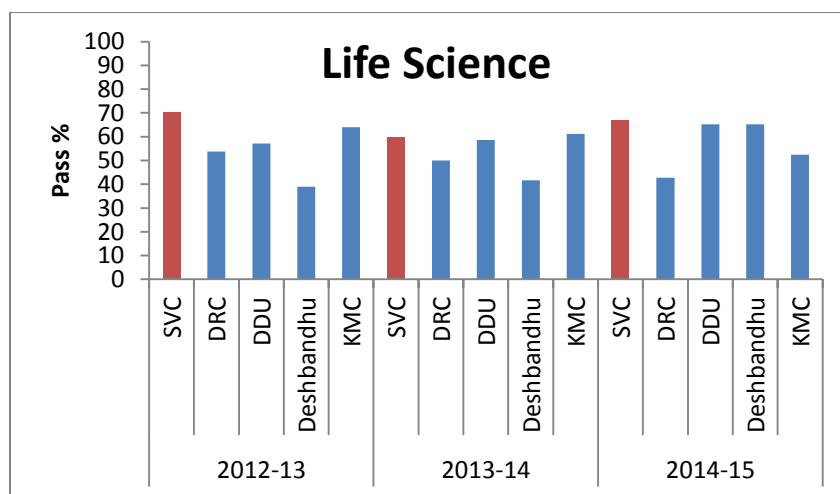
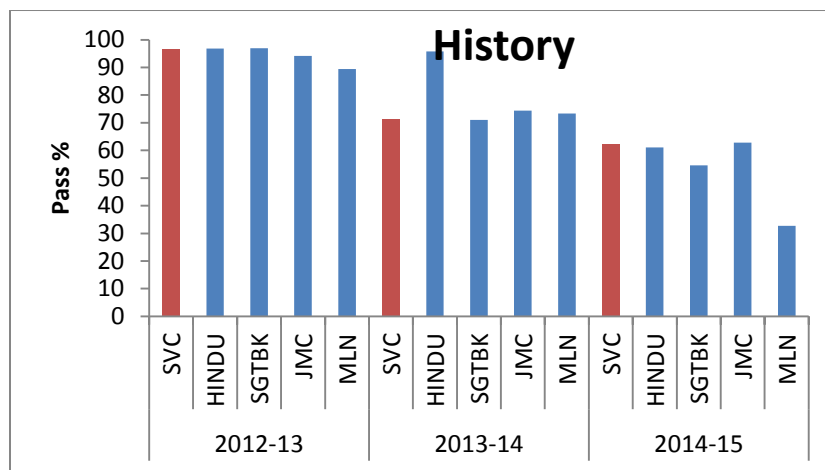
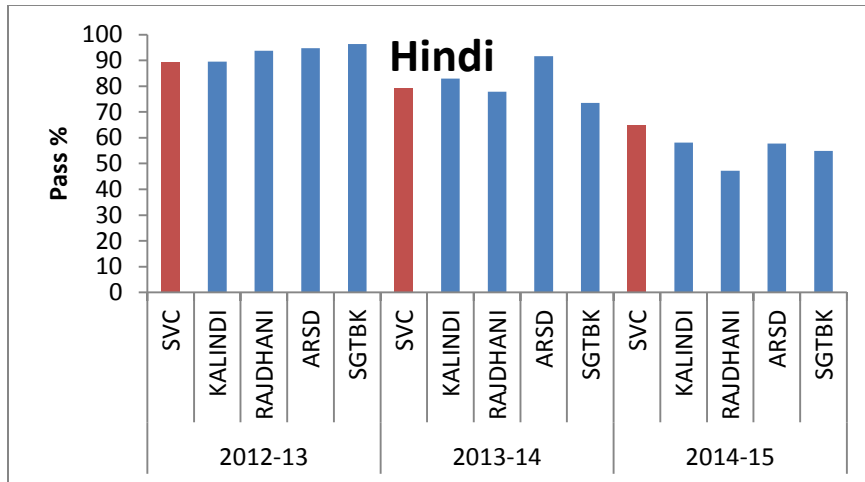
5.2.2 Provide details of the program wise pass percentage and completion rate for the last four years (cohort wise/ batch wise as stipulated by the university)? Furnish program-wise details in comparison with that of the previous performance of the same institution and that of the College of the affiliating University within the city/district.

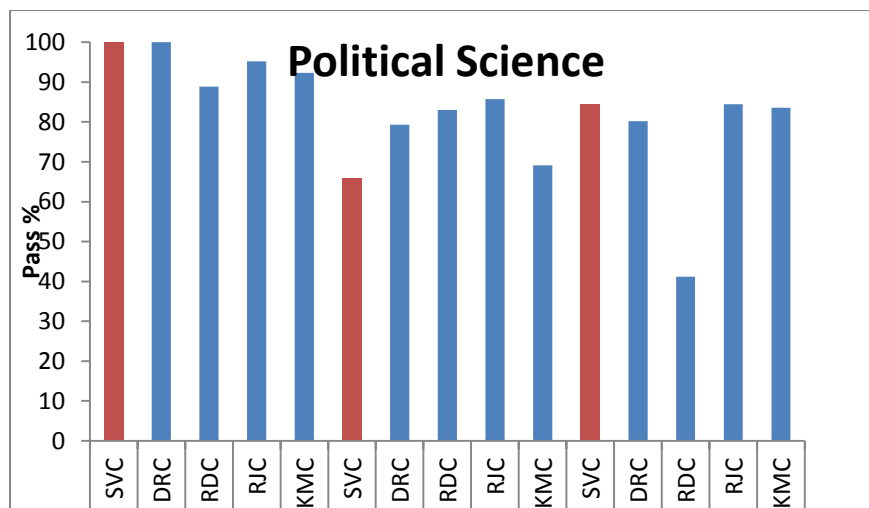
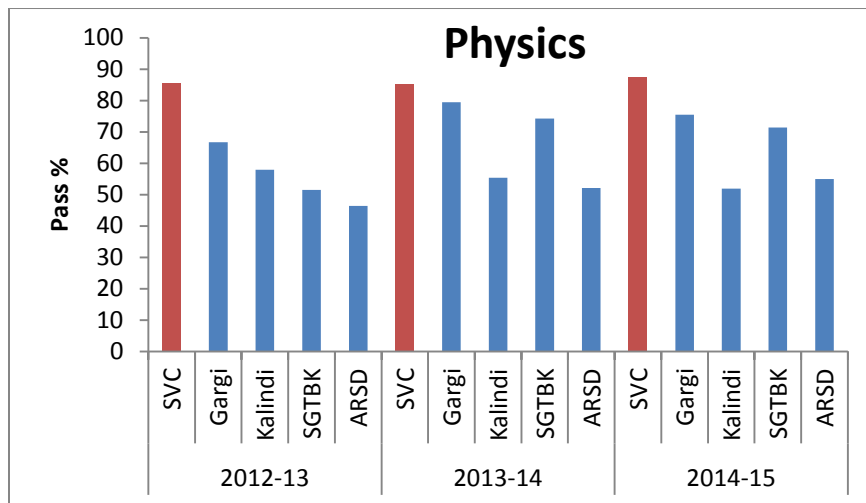
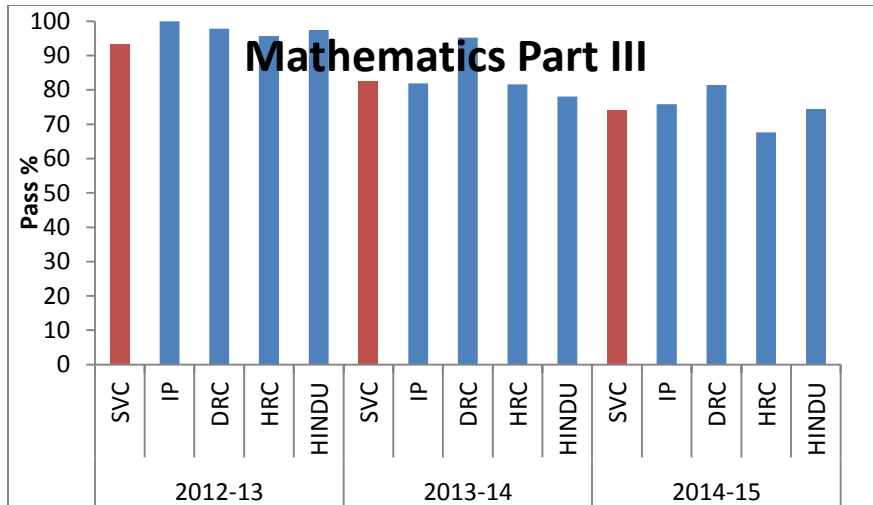
- ✚ Refer Table 04 for data.
- ✚ The following is the graphical presentation of the comparative result analysis with other colleges, affiliated to the DU.

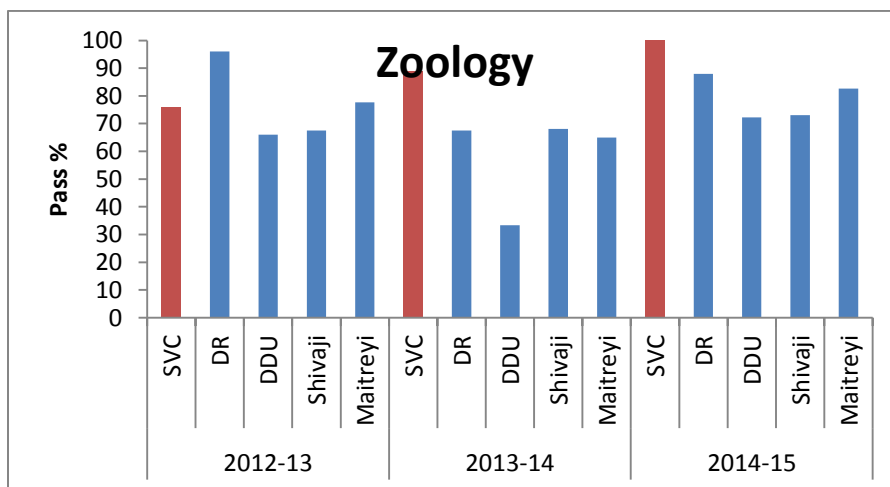
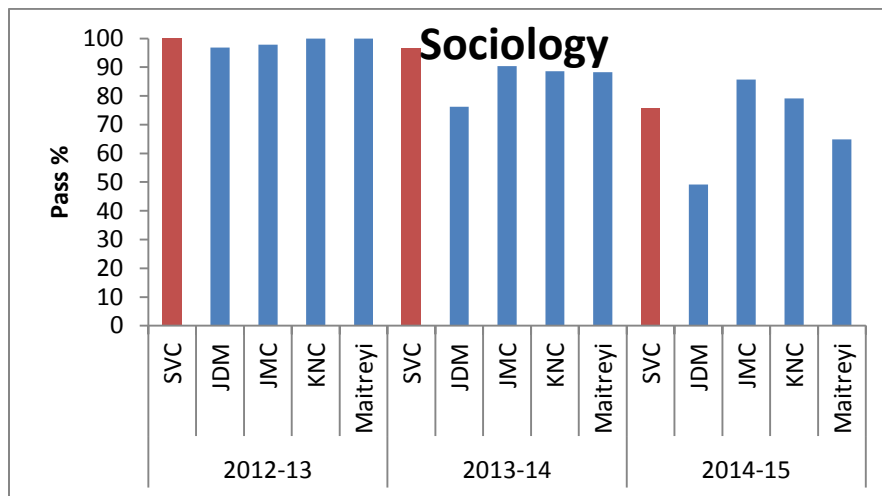
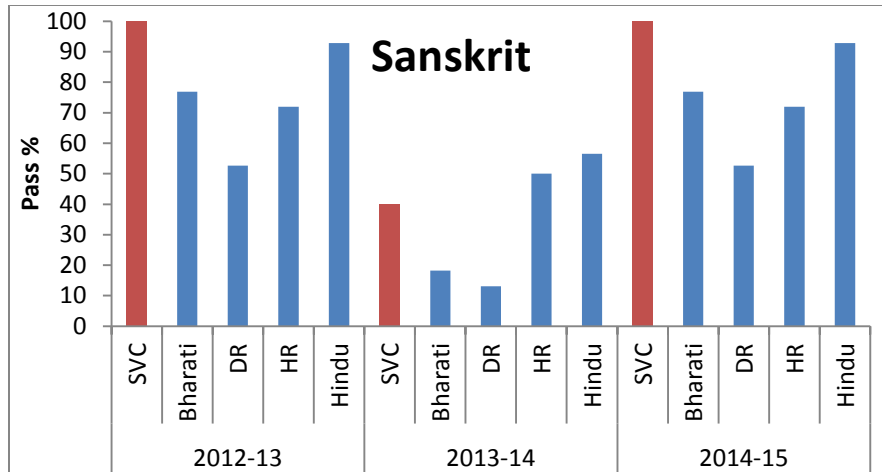












5.2.3 How does the institution facilitate student progression to higher level of education and /or towards employment?

Higher Studies

- ✚ A number of students opt for higher education in prestigious Universities in India and abroad.
- ✚ Many of the students have cleared competitive exams like UPSC, e.g. this year a student of English (H) Apoorva Dubey passed her IAS Exam and continuing her training.
- ✚ To inculcate the interest in higher studies, teachers groom the students into that direction and SVC organizes seminars, lectures and workshops that provide an opportunity for students to interact with eminent speakers in various areas of research that helps them in their career path.
- ✚ Visit to educational institutions, research labs and corporate tours facilitate students to reach out places of higher learning.
- ✚ Alumni interactions guide the students in the process of admissions into several post graduate programs both in India and abroad.
- ✚ 10 Post graduate programs are also offered to the students by the college. Admissions are centralized and are as per guidelines of the University. The College admits students as per the list for selected candidates is sent by UDSC.

Employment

The Placement cell and Entrepreneurship Cell of the college facilitates students' interaction with several startups and established companies to help them find employment. Kindly refer for more details on Entrepreneurship Cell (5.1.5) and Placement cell (5.1.9)

5.2.4 Enumerate the special support provided to students who are at risk of failure and dropout?

- ✚ The dropout rate in SVC is negligible.
- ✚ The students who want to leave studies due to financial constrains are generously helped by the college for waiving of their fees and providing them the facility of Book-bank in the library.
- ✚ Students who are at risk of failure are given special attention by teachers and are given extra time to clarify their doubts and clear concepts.
- ✚ Remedial or extra classes are taken by teachers for students whom they feel need special attention so that they can be at par with their peers.
- ✚ A Professional Counselor is also available to guide these students.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extra-curricular activities available to students. Provide details of participation and program calendar.

SVC has a number of physical education programs. These programs include the development of organic fitness and of neuro-muscular fitness. In some areas physical education's contribution is unique.

Sports and games:

✚ **Outdoor Facilities** available for the students -

- **Cricket Field:** the college has a proper Cricket field. It has 3 main pitches for practice. Every sportsman is given proper Cricket equipment like bats, balls, wicket, pads, helmets, gloves etc.
- **Football Field:** Football field with proper goal post and nets. Every sportsman and general students are given footballs for playing the game during practice and in free time.
- **Volleyball:** A Volleyball ground with proper posts and net, and marking is available for the College team players and for the general students. Volleyballs are issued by the sports director wherever required by the students.
- **Hockey Field:** Hockey field is marked with goal post and Players are given hockey sticks, balls and other necessary equipment required by the team. General students are also allowed to practice with the team.
- **Basketball Court:** A standard size basketball Court (cemented) for playing basketball with Fibre Brands and pole which is under renovation. College is converting the basketball cemented court to Synthetic court. All the students interested in playing basketball are issued basketball and necessary equipment.
- **Lawn Tennis Court:** A standard size of Red Sand Lawn Tennis Court is now under renovation. College is converting it to the standard size Synthetic courts. Every student is permitted to play tennis in fixed time. Tennis racquets and balls are provided by the sports department.

✚ **Indoor Games available -**

- **Table Tennis:** A set of table Tennis is available and the interested students are issued bats and balls for playing the game. whenever they find themselves free. Bats and balls issued against their Identity Cards.
- **Carom & Chess:** facility available on all working days.
- **Yoga classes** are being held for the college team as well as for the general students in the morning hours.

✚ **Other Facilities available for Sports:**

- **Coaching:** Free Coaching is available for all the students of the college in different games and special coaching usually given to the sportsmen and sportswomen in Football, Cricket, Tennis, Basketball, and Yoga etc.
- **Uniform:** All the members of the various teams like Football, Basketball, Volleyball, Yoga, Hockey, Athletics, Tennis, Table – Tennis, Shooting Squash, Swimming etc. are given free uniforms.
- **Refreshments:** Refreshment is given to all the teams who practice in the college under the guidance of National/International level coaches. Rs. 30/- refreshment is given to the player after practice and Rs. 50/-

refreshment is given to the players who participate from the college in Delhi University Inter College Tournament. Moreover each member of the Cricket team gets a refreshment of Rs. 75/- day as the game is played for a longer time period.

- **Travelling Allowance:** Travelling allowance is given to sports persons who participate at National level competitions like BITS Pilani, Goa, IIT Kanpur and other tournaments as per the DU rules. TA is also given to those players who participate in the DU Inter College Tournament as per the rules.
- **Annual Sports Day:** Annual sports day is celebrated every year to encourage the students. All the students of the college generally participate in any or other event. Trophies, Mementos & medals are given to all the winners.
- **Intra Murals:** Intra murals for various games are being organized from time to time Inter department matches for Football, Cricket and other games are organized and winners and runner up teams are felicitated with Certificates and medals.

Detail of Participation:

All the students and athletes are encouraged by the Physical Education and Sports Department to participate at various International, National and state level competitions. Many athletes bring laurels for the College. Special incentive is given to them like TA, DA and Registration Fee etc. Recently, they have been sent to Goa, Kanpur, Pune and Birla Institute of Technology and Science (BITS) Pilani.

Sports Merit Scholarships: A number of Scholarships are available for the good sports persons for encouragement and motivation. (Please refer Table: 06)

Cultural Activities

The Fine Arts Association is the cultural fulcrum of the college. Under its aegis several activities such as Western and Indian music, English and Hindi dramatics, Choreography, Folk and Western dance, film and photography, quiz and debating are conducted. The several societies of Fine Arts consisting of students and office bearers for organizing various activities at college campus. College supports outstation festivals at two events per society. Students have won several prizes in various competitions conducted by IIT Delhi, IIT Kanpur, IIT Powai, BITS Pilani. List of all the societies are mentioned in 5.1.6

Details of Participation: Refer 5.3.2

Program Calendar for Academic, Sports & Cultural Activities:

Table 5.6

In Each Academic Year	
June	<ul style="list-style-type: none"> ECA Trials and Admissions
July	<ul style="list-style-type: none"> College Orientation Program Department Orientations
August	<ul style="list-style-type: none"> Fresher's Welcome Auditions for Fine Arts Society Independence Day Celebrations Foundation Day of the College
September	<ul style="list-style-type: none"> Students Union Elections Intra College Events
October	<ul style="list-style-type: none"> Study Tours Participation in Inter-college Festivals
January	<ul style="list-style-type: none"> Seminars, Conferences and Workshops Republic Day Celebrations
February	<ul style="list-style-type: none"> College Cultural Festival "NEXUS". Participation in 'Antardhwani' the DU Cultural Festival. Alumni Meet EOC Function
March	<ul style="list-style-type: none"> Sports Day Science Festival Inter College Competitions Women's Day
April	<ul style="list-style-type: none"> College Annual Day Students' Farewell Party Fine Arts Valedictory Function

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University/ State/ Zonal/ National/ International, etc. for the previous four years.

Table 5.7: Sports Achievements

Sport	Event: International/ Zonal/ Inter College	National/ State/	Participants	Position/ Awards
2015 – Till Date				
Yoga	International Yoga Day		Ashish Tyagi B.A. (H) Sanskrit	<ul style="list-style-type: none"> Represented India at Bangkok.
	International Yoga Day		Harshvardha Sharma B.A. (H) Sanskrit	<ul style="list-style-type: none"> Lead the team of Chankyapuri Club & performed at Rajpath
Athletics	Haryana State		Mohit Arora B.A. Program	<ul style="list-style-type: none"> Bhima Award Haryana
2014-15				

Squash	35 th National Games in Squash in women's singles held in Trivandrum, from 31st Jan – 04Feb, 2015.	Sachika Ingale B.A. Program	• Bronze Medal
	Ranked third in the country as on Jan. 2015.	Sachika Ingale B.A. Program	• III
	Sr. Nationals 2014 held at Mumbai in Nov, 2014.	Sachika Ingale B.A. Program	• Runner Up
	Women's World Team Championship, 2014 held in Canada from 01 – 06 Dec, 2014.	Sachika Ingale B.A. Program	• Represented India
	World Universities held at Chennai.	Sachika Ingale B.A. Program	• Represented Indian Universities
Basketball	Junior Asian Games at Jordan	Preeti Kumari B.A. Program	• Represented India
	Senior National Basketball Tournament at Bhilwara	Preeti Kumari B.A. Program	• Represented UP State
Shooting	Olympic Trap Shooter, World Juniors, 2014.	Mahima Kumar Mahajan B.A (Hons) English	• VII in World Juniors
	57 th National Shooting Championship	Mahima Kumar Mahajan B.A (Hons) English	• Silver Medal
	All India Inter University Shooting Championship held at Punjabi University, Patiala, Jan 2-6, 2015. • Trap Individual (ISSF) • Trap Team (ISSF) • Double Trap (ISSF) • Skeet Team (ISSF)	Mahima Kumar Mahajan B.A (Hons) English	• Bronze • Gold • Gold • Silver
	57 th National Shooting Championship	Mahima Kumar Mahajan B.A (Hons) English	• Bronze Medal
	International Junior Cop Orimattila Finland Team (ISSF) II	Mahima Kumar Mahajan B.A (Hons) English	• Silver Medal
	Junior World Cup Suhl, Germany	Mahima Kumar Mahajan B.A (Hons) English	• Participated
	Junior World Cup, Porpetto, Italy	Mahima Kumar Mahajan B.A (Hons) English	• Participated
	Senior world Championship, Granda, Spain.	Mahima Kumar Mahajan B.A (Hons) English	• Participated
	35 th National games, Kerala, 2015, Senior Indian Team	Senior Indian Team	• Silver Medal

	(ISSF) II		
	National Games, Kerala February 2015	Ishan Goel B. Tech. Electronics	<ul style="list-style-type: none"> • II Position & III Position (Team), 50, mtr Rifle Prone.
	National Shooting Championship Pune, 2014(Dec) ,	Ishan Goel B. Tech. Electronics	<ul style="list-style-type: none"> • 4 Gold, 2 Silvers & 1 Bronze (50 mtr Rifle Prone).
	North Zone Shooting Championship, Delhi Nov, 2014.	Ishan Goel B. Tech. Electronics	<ul style="list-style-type: none"> • 2 Gold,(50 mtr Rifle Prone)
	51 st Shooting World Championship, Spain, September, 2014,	Ishan Goel B. Tech. Electronics	<ul style="list-style-type: none"> • 9th Position (50 mtr. Rifle Prone).
	World Championships in Germany n Czech Republic.	Karan Walia B.A. Hons. English	<ul style="list-style-type: none"> • Represented India
	58 th National Games Shooting Championship in Rapid fire Event	Karan Walia B.A. Hons. English	<ul style="list-style-type: none"> • Silver Medal
	North Zone Championship 2014, in rapid fire 25 meters shooting event	Karan Walia B.A. Hons. English	<ul style="list-style-type: none"> • 01 Gold Medal • 01 Silver Medal
Karate	(KAI) National Championship 2015 (Feb),	Bhaskar Sen B. Tech Electronics	<ul style="list-style-type: none"> • Selected to represent the Delhi State at the National
	Karate for International Dubai open Championship, 2015	Bhaskar Sen B. Tech Electronics	<ul style="list-style-type: none"> • Selected to represent India
Athletics	19 th National Sports Meet for Blind- 2014-2015	Mohit Arora B.A. Program	<ul style="list-style-type: none"> • 1 Gold Medal in 100 mtrs • 1 Silver Medal in 200 mtrs
Cricket	Represented Delhi State in Cricket Under 19 yrs for National, 2014-15	Tejas Boroka B.Com. (H)	<ul style="list-style-type: none"> • State Team Member
	Represented Delhi State in Cricket Under 19 yrs for National, 2014-15	Yash Sehrawat B.Com. (H)	<ul style="list-style-type: none"> • State Team Member
Football	Represented University of Delhi for All India Inter University Football Tournament held at Gwalior, 2014-15.	Akshay Hurria B.A. Program	<ul style="list-style-type: none"> • University Team Member
	Represented University of Delhi for All India Inter University Football Tournament held at Gwalior, 2014-15.	Roshan Chhetri B.A. Program	<ul style="list-style-type: none"> • University Team Member
2013-14			
Squash	Represented India in Squash	Sachika Ingale	<ul style="list-style-type: none"> • Won the Title at

		B.A. Program	Pakistan
Shooting	Represented India in shooting at Finland won	Mahima K. Mahajan B.A (Hons) English	• Gold Medal
	Masters Cup at Patiala	Mahima K. Mahajan B.A (Hons) English	• Bronze Medal
	57 th National Shooting championship in 50 meters in Air Rifle Competition	Ishan Goel B. Tech. Electronics	• Gold Medal
	Shooting Championship at Czech republic	Karan Walia B.A. Hons. English	• Represented India
Karate	Karate world championship at the Paris Open Championship.	Bhaskar Sen B. Tech Electronics	• Represented India
Cricket	NSIT - Bhaskaracharya Inter College Tournament	College Team	• Won
	IIT Delhi Tournament	College Team	• Runners Up
Football	NSIT and IIT Kanpur tournament	College Team	• Won
	SRCC and St. Stephen's College Football tournaments	College Team	• Runners Up
Basketball	Amity Inter College Basketball Tournament and Haryana Women Basketball Tournament.	College Team	• Won
	Federation Cup in basketball	Sunaina, Bhasin, Jyotsna, Padmavathy	• Played
	World Universities held at Chennai	Sachika Ingale B.A. Program	• Represented Indian Universities
2012-13			
Squash Golf	Sr. Nationals	Sachika Ingale B.A. Program	• III
	DDA open national Championship	Sachika Ingale B.A. Program	• Winner
	World championship, Doha, Qatar	Sachika Ingale B.A. Program	• Represented Country
	All India Inter Varsities Squash Championship	Harsh Dalal B.A. Program	• Bronze Medal
	Haryana State	Harsh Dalal B.A. Program	• Gold Medal
	All India Inter Varsities Squash Championship	Sajjid Hussain : B.Com. Program	• II Runner Up
Golf	6 th leg of the National Golf Professional women tour of India	Ankita Tiwana B.A. (H) Pol. Science	• II Runner Up
	Albatyross international Golf Championship	Pratap Atwal B.A. (H) Pol.	• Winner

		Science	
	BILT and PSPB National Golf Championship	Pratap Atwal B.A. (H) Pol. Science	<ul style="list-style-type: none"> • Winner
Shooting	Delhi state Shooting competition	Prashant Lakra B.A. Program	<ul style="list-style-type: none"> • Won 08 Medals
	Northern India Shooting Competition	Prashant Lakra B.A. Program	<ul style="list-style-type: none"> • Bronze Medal
	Match conducted by SAI and NDTV	Prashant Lakra B.A. Program	<ul style="list-style-type: none"> • Gold Medal
Cricket	Member of Delhi Ranji Team and also Captain of Delhi U-25 Cricket Team	Dhruv Shorey: B.A. Program	<ul style="list-style-type: none"> • Ranji Player
	Member of Cricket U-25, Railways team and in Camp of Ranji Railways Team.	Karan Thakur B.A. Program	<ul style="list-style-type: none"> • National Level Player
	Played for Delhi State U-19 Cricket Team	Karamvir Gogia B.A. Program	<ul style="list-style-type: none"> • State Level
	Played for Delhi State U-19 Cricket Team	Drona Chhabra B.A. Program	<ul style="list-style-type: none"> • State Level
	Played for Haryana State U-25 Cricket Team and Played for Delhi University for North Zone Inter University Cricket Tournament	Kapil Dhaka B.A. Program	<ul style="list-style-type: none"> • State Level
	North Zone Inter University Cricket Tournament	Siddharth Sharma B.A. (H)	<ul style="list-style-type: none"> • State Level • Represented DU
Tennis	Represented DU in Tennis and won North Zone and All India intervarsity Championship	Vanya Dangwal B.A. (H) Economics	<ul style="list-style-type: none"> • I
	Delhi University Inter College Tennis Tournament (Men)	College Team	<ul style="list-style-type: none"> • II
	Delhi University Inter College Tennis Tournament (Women)	College Team	<ul style="list-style-type: none"> • II Runner Up
Football	All India Inter University Football Championship held at lovely University Punjab.	Sannel Makhija: B.A (H) Economics	<ul style="list-style-type: none"> • Represented DU
	All India Inter University Football Championship held at lovely University Punjab.	Kushagra Rastogi: B.A (H) English	<ul style="list-style-type: none"> • Represented DU
	SRCC open Football Tournament	College Team	<ul style="list-style-type: none"> • I
Basketball	Represented Delhi University in Basketball team of North Zone	Banti B.Sc. (H) Chemistry	<ul style="list-style-type: none"> • II
Yoga	Delhi State Yoga Championship	Prahlad Arya B.A. Program	<ul style="list-style-type: none"> • II

	U.P State Yoga Championship	Prahlad Arya B.A. Program	• III
	North Zone National championship	Prahlad Arya B.A. Program	• IV
	U.P State Yoga Championship	Ashish Tyagi B.A. (H) Sanskrit	• II
	National Yoga Championship	Ashish Tyagi B.A. (H) Sanskrit	• III
Athletics	Paralympics National Games April, 2012	Gaurav Singh B.A. Program PH Boy	• Gold medal in 100 mtrs, Javelin throw, Long Jump and Relay
	Para athletic State Championship September - 2012	Gaurav Singh B.A. Program PH Boy	• Gold medal Javelin throw & Long Jump
	National Games 2012	Gaurav Singh B.A. Program PH Boy	• I in Javelin
	National Paralympics in March, 2013	Gaurav Singh B.A. Program PH Boy	• I in Javelin • II in High Jump
	Javelin throw at National Paralympics, March, 2013	Himanshu Chand B.A. (H) Hindi	• II
	IIT Delhi Tournament	College Team	• Runners Up
2011-12			
Football	• Delhi University Inter College • BITS Pilani • I.I.T Kanpur	College Team (Men)	• I • I • I
	• S.R.C.C Inter College Football Tournament • Amity University Inter College Football Tournament	College Team (Men)	• II • II
	• BITS Goa Football tournament	College Team (Men)	• III
Lawn Tennis	• Delhi University Inter College {Women}	College Team (Women)	• I
	• L.S.R Open Tennis Tournament {Women}	College Team (Women)	• I
	• L.S.R Open Tennis Tournament {Men }	College Team (Men)	• III
	• BITS Pilani Tournament	College Team	• III
	• AIIMS & IIT Inter College Tournament	College Team	• III
Taekwondo	• Delhi University Inter College	Mohd. Kasim Abbas B.A. (H) History	• Gold Medal
	• Delhi State Taekwondo Championship	Mohd. Kasim Abbas B.A. (H)	• Gold Medal

		History	
	<ul style="list-style-type: none"> North Zone, Taekwondo Championship 	Mohd. Kasim Abbas B.A. (H) History	<ul style="list-style-type: none"> Gold Medal
	<ul style="list-style-type: none"> All India University Taekwondo Championship held at Manipur 	Mitanjali Bageshwar B.Sc. (H) Physics	<ul style="list-style-type: none"> Bronze Medal
Wrestling	<ul style="list-style-type: none"> Delhi University Inter College Wrestling Competition 	Ravi Kant B.A. (H) Hindi	<ul style="list-style-type: none"> Gold Medal
Yoga	<ul style="list-style-type: none"> Delhi University Inter College 	Prahlad Arya B.A. (Prog.)	<ul style="list-style-type: none"> Gold Medal
Shooting	<ul style="list-style-type: none"> Delhi State Shooting Championship in 10 meters Air Pistol and 50 mtrs free pistol 	Prashant Lakra B.A. (Prog.)	<ul style="list-style-type: none"> Gold Medal
	<ul style="list-style-type: none"> LSR inter college sports fest 2011-12 	Prashant Lakra B.A. (Prog.)	<ul style="list-style-type: none"> Gold Medal
	<ul style="list-style-type: none"> Match conducted by NDTV at Karni Singh Shooting Range 	Prashant Lakra B.A. (Prog.)	<ul style="list-style-type: none"> Gold Medal
	<ul style="list-style-type: none"> Mostors Meet, selection for Asian Shooting Championship Qualified for Selection trial for Indian Squad in 50mt free pistol 	Prashant Lakra B.A. (Prog.)	<ul style="list-style-type: none"> Silver Medal
Basketball	<ul style="list-style-type: none"> Vardhman Medical College Inter College Basketball (Men) Competition 	College Team	<ul style="list-style-type: none"> I
Squash	<ul style="list-style-type: none"> International Squash competition 	Harsh Dalal B.A. Program	<ul style="list-style-type: none"> Represented India
Swimming	<ul style="list-style-type: none"> Delhi State Swimming Competition 	Himanshu Rathi B.Com. Program	<ul style="list-style-type: none"> I
	<ul style="list-style-type: none"> Delhi University Swimming Competition 	Himanshu Rathi B.Com. Program	<ul style="list-style-type: none"> II
Power Lifting	<ul style="list-style-type: none"> National (Equal Opportunity) Competition 	Gaurav Singh	<ul style="list-style-type: none"> I
Athletics	<ul style="list-style-type: none"> Delhi University Inter College Hammer Throw Competition 	Raj Vikarant singh Sandhu B.A. (H) History	<ul style="list-style-type: none"> II
	<ul style="list-style-type: none"> L.S.R Inter College Competition (100 mtrs) 	Adhiraj Gaur B.A. Program	<ul style="list-style-type: none"> II
	<ul style="list-style-type: none"> Delhi University Inter-College Triple Jump Competition 	Tejeswani Oberai	<ul style="list-style-type: none"> III

Extracurricular Activities:**Table 5.8: Aalap: The Indian Music Society Achievements**

<i>Year</i>	<i>Position</i>	<i>University/ College Event Held</i>
2010-11	I	LSR, National Law School, Bangalore
	II	KMC
	III	MH
2011-12	I	LSR, AIIMS, St. Stephens'
	III	KMC, IIT Delhi, IIT Kanpur, MH
2012-13	I	KNC, MH
	II	LSR
	III	IIT, Delhi
2013-14	I	Shaheed Sukhdev College of Business Studies
	III	IIT Kanpur, St. Xavier's, Kolkata
2014-15	I	Shaheed Sukhdev College of Business Studies, Motilal nehru college, Dyal Singh, DDU
	II	IIT Delhi, Gargi College, Delhi technical Univerity, MH, SGTB Khalsa, Amedkar University
	III	SRCC

Table 5.9: Verbum: English Dramatics Society:

2011-12	I	KNC, Gargi College, Hindu College Best Actor: Gargi College, Dyal singh Best Director: MH
	II	Dyal singh, JMC
2012-13	I	India's Annual Theatre Competition Best Actor:India's Annual Theatre Competition Best Director:India's Annual Theatre Competition
2013-14	I	Best actor: BITS Pilani
	II	BITS Pilani
2014-15	I	BITS Pilani, KNC, MH, Hindu College Best Actress:KNC, MH, Hindu Best actor:KNC, Hindu
	III	St. Stephens'

Table 5.10: Nritya: Choreography Society

Year	Position	University/ college
2011-12	I	IIM Banglore, LSR, Gargi
	II	St. Stephens'
	III	SRCC
2012-13	II	JMC
	III	LSR
2014-15	I	Antardhwani
	II	IIM Ahmedabad, St. stephens'
	III	BITS Pilani

Table 5.11: Nupur, Indian Folk and Dance Society

Year	Position	University/ College
2011-12	I	IIM Banglore, Symbiosis Pune, Dyal Singh
2012-13	I	Delhi Institute of Advanced Studies
2014-15	I	Satyawati College
	II	KNC, Mata Sundari College, JMC, IP
	III	St. Stephens'

Table 5.12: Verve: Western Dance Society:

2012-13	Position	University/ College
	I	IIT Kanour, Formula One (International), ISBF, St. Stephens', JMC, MH, IILM, Hansraj, Channel V Fest, B.R. Ambedkar College, Vivekanand Institute, Lady irwin, Maharaja Agrasen, Mahaaja Surajmal, Best Western Dance, DU Beat Student Publication
	II	HT City Youth Nexus, Delhi Dance Fever, IIT Delhi, Lal Bahadur Shastri, USAP, Shivaji College
	III	Maitreyi, IIPM, LSR, Hindu colege, Guru GobindSingh College of Commerce, Shaheed Bhagat Singh College
2013-14	I	Team of the year- DU Beat, Student Publication, Best Dance Society: HT City& Fever 101, HT City Youth Nexus, IIT Kanpur, MH, St. Stephens', PGDAV, Khalsa College, ARSD, USAP, NSIT, LBS College
	II	KMC, GTBIT, NIFT, Channel V, Maitreyi, LSR, Hindu

		College, JMC, DTU, Hansraj, SRM, DVP
	III	IIT Delhi, DCAC, GGS, MS College, IHE
2014-15	I	Prelims of HIP HOP International, Rendevouz IIT Ddelhi, National level Channel V Nokia Fest in Finals, Best Dance Society: HT City and Fever 104, LSR, IIFT, NIFT, Satyawati College, DDNC, MH, CBS, IP College, Symbiosis Pune, NSIT, KMC, Hansraj
	II	IILM, ISBF, BVP, KNC, Pearl, BVP, UCMS, Youth Nexus, Delhi Dance Fever, DU Beat
	III	JDMC, Mata Sundari, Motilal nehru

Table 5.13: Effluence: Film and Photography Society:

Year	Position	Univerity/ College
2012-13	I	St. Xaviers,
	II	IIT Kanpur
	III	LSR
2013-14	I	Inter College Competition Malhar, Ramjas, ESYA
2014-15	I	Thapar University, IIT Delhi
	II	BITS Goa, JMC
	III	Sri guru Gobind Singh college of Commerce

Table 5.14: Conquiztadors: Quiz Society:

Year	Position	University/ College
2012-12	I	St. Stephens, NSIT Freshers, Bhagat singh College, DCAC, IIT Delhi, Hindu, SRCC, IIFT, IIM Lucknow, SGGSSC, JMI, JMC, KMC, DCAC, Hansraj, Zakhir Hussain, NSIT, Delhi haat Handicraft Quiz, MSIT, YMCA, Praxis business School, Dyal Singh, Moti Lal Nehru
	II	NSIT, MSIT, SRCC, LSR, DCAC, IIT Kanpur, Hindu College, SRCC, DSE, BITS Pilani, Hansraj, St. Stephens, Zakhir Hussain College
	III	Ramjas College, St. Stephens', NSIT, IIT Delhi
2013-14	I	MAMC, JMC, DTU, Bhagat Singh College, MSIT, Adianta School of Business, St. Stephens, IIT Delhi, NSIT, JMC, LSR, SRCC, Hindu

Table 5.15: Leongi: Arts Association:

Year	Position	University/College
2013-14	I	IIT Bombay
	II	LSR
	III	MAMC
2014-15	II	JMC

Table 5.16: Crescendo: Western Music Society

Year	Position	University/ College
2013-14	I	BITS Pilani Goa, IIT Delhi, LSR
	II	JMC, MH, KNC, St. Stephens'
2014-15	I	IIT Delhi, JMC
	II	LSR, Hansraj, MH, KMC, KNC, St. Stephens', Hindu, BITS Pilani Goa

Table 5.17: Anubhuti: Street Play

Year	Position	University/ College
2013-14	II	ITM Gurgaon

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

From Graduates:

- ✚ The Alumni Association meeting is the most important one for SVC. The graduates can convey their suggestions for the betterment of the college without any pressure and fear. The form is also uploaded on the college website with a link to Alumni.
- ✚ Feed- back is also taken by Placement Cell, where the company recruits students of our college and have better experience and interaction with our pass outs. College seeks their advice also for the betterment.
- ✚ The college takes feedback from students in the form of a questionnaire on various aspects of college life i.e. teaching, evaluation, sports, extra-curricular activities, physical infrastructure, canteen, placement and medical facilities etc.
- ✚ The questionnaire is analyzed and appropriate measures are recommended to the concerned teacher/employee/officer for timely action.

From Employers:

- ✚ The feedback of the staff members is taken in the Staff Council Meetings and a suitable action plan is made for improving the performance and quality of institutional facilities.
- ✚ The members share their views, do open discussion on various issues and matters related to college. The discussion is recorded by the Staff Council Secretary. The recorded minutes titled as Observations, Decisions and Directives are placed on the Staff Room Notice Board, up loaded on the College website and circulated to all the teaching staff.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

- ✚ The Literary Societies (English, Hindi, Sanskrit, Tamil and Telugu) and the departments of Social Sciences play an important role to encourage the students for creative writing, writing observations of society, its analysis and preparation of reports etc.
- ✚ Some papers are also introduced by DU, in which students learn for creativity and their expressions.
- ✚ The College also organizes these kinds of workshops in which the students learn writing skills.
- ✚ For any kind of the publication of Magazine, Science Reports etc., notice is displayed on the notice board for better circulation among students. The interested students are encouraged and proper guidance is given to them for creative writing.
- ✚ The students' contributions include poems, stories, articles that reflect their ideas and aspirations.
- ✚ A faculty member from language departments is the convener/ editor of the magazine. And this responsibility is shared by five language departments in an alphabetic manner.
- ✚ Students also trained by the teachers to assist faculty to design and print brochures, posters and manuals associated with Conferences/Symposiums and Workshops organized in the College.

The Detail of the Magazines:

- ✚ The college publishes its annual magazine "Neerajana" in the Month of December. The activities of each department are reported in the magazine along with literary and science articles by students.
- ✚ Few departments also publish their magazines as part of departmental annual festival.
- ✚ A tradition of Wall Magazine in SVC is also very useful for the students. Students are encouraged to write wall magazines, newsletters, departmental activities etc. which is displayed on display boards of all the departments.

- A democratic wall is also in the canteen, where students can express their views freely on any issue or subject.

Table 5.18: Departmental magazines/ newsletters and College magazine published in the last four years.

<i>Sl. No.</i>	<i>Department/College</i>	<i>Title of the Magazine</i>
1	College	NEERAJANA
2.	Research at Venkateswara	Quaesitio
2	Economics	Econ Expressions
3	Biochemistry	Expressions
4	English	Mosaic
5	Chemistry	Abhigya
6	Zoology	Phoenix
7	Physics	Quintessence
8	Sociology	We Witness

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Selection and Constitution:

- Student Union of the college is named as ‘Sri Venkateswara College Students Union’. Though it is an independent body in its functioning but as the SVC is an affiliated to the Delhi University Students’ Union (DUSU), therefore the procedure of selection is the same as Delhi University Students Union.
- There are four posts of President, Vice President, Secretary, Jt. Secretary of SVC Students union, which are filled by election process. Besides this two Members of DU Central Councils are also elected by SVC students. The voters are all the bona fide students of the college.
- The Election Dates are notified by DU in all the national newspapers, on DU website and digitally communicated to all the colleges. The election process is governed by the Lyngdoh National Committee for Election Reforms for Students Union. Besides this, DU can amend the rules from time to time with the approval of EC. College follows those set of rules which are sent by the Election Officer of DU before Election Process. Voting is done by EVM, sent by DU.
- In general Staff Advisor to Students Union conducts election as per the DU rules and College Principal is the Patron of the system
- SVC votes are counted on the same day and the whole procedure is transparent and strictly abide by the DU constitution.
- Elected candidates are notified on the college notice board as well as on college website.
- The official year of the Union is from 16th of August of every year to the 15th of August, in the following year.

Activities:

- ✚ The Student Union works with college administration to resolve any issues pertaining to student life in the college and acts as a facilitator of various academic and administrative reforms.
- ✚ The Student Union organizes major College events:
 - Cleanliness Drive: Swachh Bharat Abhiyana
 - Public Lectures
 - Independence Day
 - Gandhi Jayanti
 - Republic Day
 - College Orientation Day
 - Freshers Welcome and Farewell Function
 - and the College Annual Festival-NEXUS.

Funding:

- ✚ Appropriate financial head is provided by the College for funding. The College provides for the financial requirements of Students' union by collecting a nominal fee of Rs.40/- per student (Union Rs.30 + Union Election Rs.10).
- ✚ Budget allocation is undertaken once the annual election of office bearers is completed.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

- ✚ Joint Coordination Committee
- ✚ The in-house-Hostel Committee
- ✚ Fine Arts Association
- ✚ Placement Cell
- ✚ Social Service Cell - Parivatan
- ✚ Magazine Committee
- ✚ Entrepreneurship Cell
- ✚ Admission Counseling / Help Desk
- ✚ Sports Committee
- ✚ Women Development Cell
- ✚ Equal Opportunity Cell
- ✚ Departmental Societies or Academic Society:
 - Biochemistry Catalysis
 - Botany Involucre
 - Chemistry Rasagya
 - Commerce Monetrix
 - Economics Economics Association
 - Electronics Electronix
 - English English Literary Association
 - Hindi Hindi Sahitya Parishad

- | | |
|---------------------|-----------------------|
| • History | Ecclesia |
| • Mathematics | Exponent |
| • Political Science | Introspect |
| • Physics | Physics Society |
| • Sanskrit | Sanskrit Parishad |
| • Sociology | Sociology Association |
| • Statistics | Simulation |
| • Zoology | Evolere |

These societies provide a competitive platform for a stimulated exchange of knowledge, skills and creative aptitude among students.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

- ✚ The college has a dynamic webpage for alumni registration to use for updating data by alumnus.
- ✚ The college is also in the process of dynamic database of all the alumni.
- ✚ The data so collected is analyzed for the purpose of making it available to various societies and organizations. For instance, the data related to key positions held by alumnus in HR management in corporate sector at the middle and higher level are provided to Career Guidance (CG) and Placement Cell (PC). The CG and PC uses the data for campus recruitments.
- ✚ Alumni members have instituted prizes/ scholarships for students.
- ✚ Departments invite alumni members to interact with students through personal networks and contacts.
- ✚ Alumni members have coordinated with the college to invite dignitaries President of India Her Excellency Pratibha Dev Singh Patil and M.S. Swaminathan to grace the Golden Jubilee Celebrations of Sri Venkateswara College in the year 2011.
- ✚ Alumni have arranged for summer internships as well.



SRI VENKATESWARA COLLEGE

**CRITERION VI
GOVERNANCE, LEADERSHIP
AND MANAGEMENT**

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional vision and leadership

6.1.1 State the vision and mission of the institution and enumerate on how the mission statement defines the institution's distinctive characters in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future etc.?

Vision and Mission:

- ✚ SVC is committed to the:
 - Upanisadic Philosophy of '*satyannapramaditavyam*'- Do not deviate yourself from truth.
 - Vision of three doyens i.e. Ms. Durgabai Deshmukh, Dr. K.L. Rao and Dr. C. Anna Rao in the field of education and social emancipation in India.
 - Blend of Modern Education and the time tested traditions of Vedic Wisdom.
 - TTD's ideology of Indian Culture and Traditions.
 - And above all, the concept of secularism without hurting the sentiments of any community or caste and creed.
- ✚ Since the inception of SVC the mission and goal is adapted dynamically and continually to the needs of demanding the emerging educational system. Many times redefined and reviewed in view of National Policy of Higher Education.
- ✚ Today, SVC has been alert and responsive to changing societal priorities, the shaping principles of growth and productivity in a period of rapid change, and the emerging aspirations of an India that has become more confident of itself, and increasingly inclusive and aspirational in its attitude.

SVC's distinctive characteristics are:

- ✚ Stay alert to the tenor of rising societal expectations.
- ✚ Quick to take note of a culture that is ever more techno-savvy and dynamic.
- ✚ Remained faithful to the time-honored educational ideals.
- ✚ Aim at acquisition of true learning and solid, scholastically grounded expertise.
- ✚ Space to the democratic ideas.
- ✚ Commitment toward the student's overall development in the fullest, most holistic sense academic, intellectual, cultural, moral and spiritual.

Distinctive Characteristics are addressed:

- ✚ In classroom teaching by individual teachers.
- ✚ By giving special attention to students in tutorial classes and in contact periods.
- ✚ By organizing special lectures, conferences, seminars etc.

- ✚ By functioning of the various Literary, Commerce, Social Sciences and Science societies.
- ✚ By printing the college magazine and wall magazines.
- ✚ Also see 1.1.1

6.1.2 What is the role of top management, Principal and faculty in design and implementation of its quality, policy and plans?

For the implementation of quality, policies and the plans of Institution:

- ✚ SVC has a successful model of participatory governance, which runs by the collective wisdom of TTD, the Principal and the faculty members.
- ✚ The top management is the Governing Body of the college, which is an enlightened group of academicians, entrepreneurs and spiritual leaders of TTD.
- ✚ The college draws inspiration from the TTD's philosophy of benevolent support to education which itself considers as a premium social investment.
- ✚ The top management appreciates and follows the practice of decentralized functioning as envisaged by the Statutes, Ordinances and Rules of the DU. Principal as the institutional head is much more than simply a functionary with an executive position. The Principal is the member secretary of the Governing Body. She also holds the position of Principal-in-Council as per the SRO. While the top management in principle takes decisions on policies, the Principal who is the functional head of the institution implements them with her team of colleagues.
- ✚ The college has various committees set up by the Staff Council which helps in implementation of various policies and remain dynamic throughout the year for the success of any policy, either framed by the GB or DU in the benefit of Institution.
- ✚ SVC also set up an ASC as per the guidelines of NAAC, which evaluates the academic standards of the college, facilitates the academic policies of DU in true manner envisage practical ways of adapting to the demands of the new educational systems. The committee thoroughly scrutinizes and proposes mechanisms to effectively implementation of new courses which are implemented by DU from time to time.
- ✚ As per the DU guidelines SVC also assigns the work of Teacher-in-Charge on rotation basis in each department to look after the progress of their respective department. It helps the administration for certain deliberations for a rational and judicious arrangement of time and space.
- ✚ Staff Council also set up various committees as Canteen, Library, Sports, Development Fund, Time Table, Fine Arts, WDC, EOC, Social Service and Proctor Committee etc. These committees recommend and visualize the infrastructural and other needs of the students and faculty. Their recommendations are sent to the Principal, who then takes to the GB, if necessary.
- ✚ Financial policies are decided upon by the GB in accordance with DU rules and regulations. The financial sub-committee, comprises of Principal, Bursar,

Section Officer Accounts and Staff Council nominated members help the GB to understand various proposals made by the college in terms of infrastructural development and recruitments as these require financial sanctions. The Balance Sheets and accounts of the college are audited by statutory auditors which are then further scrutinized by the treasurer of the GB of the college.

6.1.3 What is the involvement of leadership in ensuring:

The policy statements and action plans for fulfillment of the stated mission:

- ✚ The college has in general three types of major policies for fulfillment of the stated mission: Academic, Financial and Administrative. The Principal of the college is the Chairperson and Patron of all the policies.
 - In the beginning of academic session an Orientation Program is conducted for the students and their parents by the Principal. In which she introduces the Institution's stated policy and action plan of that academic session.
 - The existing policies of Best Practices and Institutional values are reinforced by various departmental and co-curricular societies in consultation with the Principal.

Formulation of action plans for all operations and incorporations of the same in to institutional strategic plans:

- ✚ Principal is the primary unifying factor in development and harmony among all the stakeholders and the internal network of the college i.e. students, faculty and the non-teaching staff of the college.
- ✚ Critical to this enterprise is the proactive role of the head of institution, supported by a dedicated activism on part of several Vice-Principals in last five years, who have played a supportive role in administration being actively and constructively involved in vital details of policy making and implementation.
- ✚ In academic policies ASC works dynamically for the formulation and implementation of DU policies in course and work studies. They also evaluate the Infrastructure required to fulfill the needs of classroom teaching and Science lab work. As SVC believes in the holistic education therefore, in support of ASC, Departmental Societies, Sports and Fine Arts Association arrange a number of academic and co-curricular activities in the college.
- ✚ The financial matters are streamlined by the Bursar, Administrative Officer, Development Fund Committee etc. Prior approval is needed from the Principal in any of the financial withdrawal and disbursement. All kind of expenditure to be incurred in a financial year is discussed in the Financial Sub-committee of the college in brainstorming sessions, which is chaired by the Principal. In the end of the financial year proper Utilization Certificate and Balance Sheets are prepared for audit purpose.

- ✚ In administrative policies, prior approval and consent of the GB of the college is taken whenever and wherever required. Effortless implementation of all strategic plans is ensured by the pro-efficient approach expressed in a culture of frequent meetings and review-cum-directive consultations with departmental heads, conveners of the college's key committees, Section Officer Administration and organizers of events, seminars and symposia. Meetings are conducted in the spirit of contemporary management efficiency canons.

Interaction with stakeholders:

- ✚ All institutional policies particularly those with a direct impact on the stakeholders are discussed extensively before being formally stated. The college has initiated Parents, Teacher Students Association (PTSA) for discussion and development of the college and the implementation of policies, which can be student friendly. First successful meeting was held on 01st November 2015 in the college premises.
- ✚ The college also has an Alumni Association and in the Annual Get together, several suggestions given by them are discussed by college authorities and many times implemented also for the benefit of the stakeholders.
- ✚ Though students do not directly participate in these deliberations, however, their feedback and suggestions are carefully considered before taking the final call.
- ✚ There are specific committees for pursuing issues related to students. These committees in turn interface with students via feedback and teacher evaluation reports and also ensure involvement of class representatives and JCCs (Joint Consultative Committees) to give their suggestions.
- ✚ For issues related to students' welfare, the college ensures that their elected representatives are taken into confidence before taking any decision or implementing them. Interaction with students takes place during admission process with teacher in charge of departments and Admission Committee members.
- ✚ The parents are invited to interact with faculty and administration in the Orientation Day that is organized at the beginning of new session.
- ✚ In addition, a Nodal Officer is appointed and Public Relation Officer to address RTI related queries.

Proper support for policy planning through need analysis, research inputs and consultations with the stakeholders:

- ✚ Inputs of teaching faculty, non-teaching staff and students are sought regarding various aspects of the institution which helps and strengthens the planning process of the college.
- ✚ Key institutional areas are operationalized through committees overseeing admissions, fund-allocations and careful time-table framing exercises with involvement of experienced and responsible conveners.

- ✚ Services of Professional consultants and coach are also provided to the students in case of need e.g. in ICT and Sports etc.
- ✚ Library Committee carefully selects the new readings and software for the benefit of the readers.

Reinforcing the culture of excellence:

- ✚ The college reinforces the culture of excellence through seminars, workshops, special lectures and awareness drives.
- ✚ Many research oriented grants, received by the college (please refer criterion III) encouraged the staff and students for innovations and research work.
- ✚ Continuous student appraisal and uploading student attendance record etc. on college website helps in improving regularity and performance.
- ✚ College administration has made a link on SVC website for downloads. The forms for Casual Leave, Students' I Card etc. are online and easily available to faculty and students.
- ✚ The functioning of administrative work and accounts related jobs are computerized. The college has the online mechanism for admissions, fee payment etc.
- ✚ Promotion of Excellence is reinforced by honoring the meritorious students with merit scholarships and prizes. (Refer Table No.06)

Champion organizational change:

- ✚ SVC believes that for progressive outlook change in organization is essential. After the assessment of any policy, it is reviewed by the concerned authorities. Several such mechanisms are deleted and added as per the need of the hour.
- ✚ Organizational changes are encouraged but time-tested methods of traditional practices are well maintained by the college. Hence, the consolidation of modernity and traditional methods are the key to success in the institution.
- ✚ Several such practices are added for the betterment of stakeholders. One such practice is morning Yoga Class and at administrative level, most of the work is online.
- ✚ The physical and the technological infrastructure of the college is constantly evaluated and upgraded as per the need.
- ✚ In case of any unprecedented scenario the college has an accommodating stand towards making the requisite move or change as may be the requirement.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

- ✚ Monitoring and evaluating the procedures is the essential quality of any academic institute. SVC is also not an exception. The hallmark of SVC is

growth on all the indices, both quantitative and qualitative and the procedure adopted for it is the participative and democratic principles of management.

- ASC carefully monitors the academic pursuits of the college, organizes semester reports, analyze the results of each course within and outside the college, which helps the administration for future planning.
- The Principal, faculty and students all interact each other in Joint Consultative Committee meeting and can amend any established rule within the college as per the need.
- Staff Council meetings are another forum, where proper discussion is essential for any conclusion. This meeting is documented as Minutes of the Staff Council for record and continuity.
- The feedback of the stakeholders are recorded and discussed at various platforms (e.g. at department level, society level etc.) for any change in the established procedure.

6.1.5 Give details of the academic leadership provided to the faculty by top management.

✚ The top management is the GB of the college but Principal of the institution is considered as the academic leader and GB is in supportive role. Day today discussions and decisions for any academic problems are under the purview of the Principal only. The academic leadership provided to the faculty is as under:

- Teachers are encouraged to conduct research and take up individual research projects. As a result the college has been awarded Star Status from the DBT in 2013.
- SVC provides an excellent platform for its faculty to grow, improvise and innovate, therefore in the last three years college has been awarded 29 innovative projects.
- The Best Practice Award has been awarded to SVC at Antardhvani (a cultural festival at DU) in 2014 for best practices in the college.
- Faculty's academic improvement is taken very seriously and some teachers are awarded study leave and 05 were awarded sabbatical leave for their academic work.
- Faculties are encouraged to organize seminars/conferences both at National and International level. In the last four years 12 conferences were organized in the college and more than 50 teachers attended the national and international conferences.
- Principal herself set an ideal role model for academic leadership and worked as a member in the core committee for FYUP and CBCS course.

6.1.6 How does the college groom leadership at various levels?

✚ The college firmly believes in the philosophy of decentralized leadership, and follows it in its day-to-day practice. It grooms leadership at various levels by

entrusting certain responsibilities upon people that extend beyond the purview of pure academics or administration.

- Teachers are involved in the process of decision making by being the teacher-in-charges of their respective departments and ensures that each teacher participates in running the department. Though it is a non-statutory but democratic position, which makes a teacher responsible for administrative work for their department.
- Staff Council set up various committees annually and involvement in such committees as convener or member gives opportunities to faculty members wherein they have to take decisions, implement them, sort out differences and groom leadership.
- All the staff council committees record the minutes of their meetings, circulate to other members and display the same for compliance, hence schooled for administrative practices.
- All the conveners of the departmental societies handle the financial management also. At the time of organizing academic functions, workshops, seminars etc. A proposed budget is prepared by them for financial grant and all expenditure is as per the financial rules. The faculty grooms the quality of financial leadership.
- The non-teaching staff also, is not bound only to their office work. At the time of admissions and Inter College Cultural festival - Nexus, various kinds of duties are assigned to them e.g. discipline, event-in-charge etc. which enables them for better leadership quality and get the opportunity for better interaction.
- Students are allowed to voice out their opinions and suggestions as members of various societies in the college. Students plan out several academic activities like intercollegiate festivals under the guidance of teachers.
- Annual Election of Student Union is held under policies of DU and the elected Central Councilor represents the College at DUSU.
- Placement Cell student members interact directly with the Industry executives/HR that keep them abreast of thrust areas for job market.
- WDC, EOC and Social Service Society mentor students to serve the society through their programs, melas and educational tours that help students face the real life challenges in society.

6.1.7 How does the college delegate authority and provide operational autonomy of the departments/ units of the institution and work towards decentralized governance system?

- ✚ Keeping in mind the spirit of vision and mission of the college, delegation of power is followed by the Principal, which provides operational autonomy to the departments.
- ✚ College Principal is the administrative head galvanizing the whole institutional ethos to a goal-centric milieu, where tasks and responsibilities are systematically delegated and accountably discharged through committees

and office-holders, to meet growth needs and ongoing maintenance and performance objectives.

- ✚ The Principal decentralize duties and responsibility through various staff council committees. The committees work in an independent style but in the coordination of the Principal-in-Council.
- ✚ Operational autonomy is provided to the teacher-in-charge of all the departments. The individual departments contribute to this process by enabling the execution of those policies at the ground level through the involvement of the colleagues and students. Hence, department is also a part of the decision making process and who ensures the smooth translation of these into reality.
- ✚ Further being a very important constituent of the decentralized governance system the teacher-in-charges become the mediator between the overarching administrative authority and its miniature replica within the various departments.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

- ✚ Yes, SVC has ensured concrete policies whereby the values of participative management are woven into the everyday functioning of the institution. The levels of participative management are:
 - Two teacher representatives are part of the GB, which is the functioning body of the College.
 - Joint Consultative Committee (JCC) is a joint suitable platform to the students and the faculty members to deliberate upon and discuss any pertinent issue at hand which requires their involvement.
- ✚ Administrative functioning of the College is facilitated by participation of faculty at various levels as-
 - **Vice Principal:** Appointed by College GB with the approval of DU who shares the responsibility of the Principal and is the acting authority in absence of the Principal.
 - **Bursar:** Appointed by the College GB on recommendations of the Principal and is responsible for maintenance, audits, proper utilization and disbursements of funds received in the College.
 - **TICs:** Teacher in Charge of each department is a mandatory responsibility of faculty associated with the department on rotation basis.
 - **Superintendent of University Examinations:** A faculty member is appointed as Superintendent of the Examination for smooth conduct and supervision of the examination in the College.
 - **PIO:** A faculty who is in charge of addressing all RTI enquiries to the college acts as a PIO.
 - **Conveners of Various Committees:** Staff Council set up various committees for smooth functioning of the college e.g. Proctor, Coordinator EOC, Social Service, Time Table etc.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

- ✚ The SVC has a formally stated quality policy based on its vision and mission, a rich treasure of Vedic wisdom which is embedded in modern education system. The stated concrete policy have been formed and practiced since the inception of the college in many ways.
- ✚ **Developed:** The academic policies are thoroughly discussed with the teaching community and are implemented meticulously in the direction of vision and mission of the college to achieve excellence. SVC sets very high standards for itself in academics and continuously strives to achieve them. Academic progress is continuously monitored and evaluated by ASC. ASC, under the guidance of Principal check the progress of curriculum, result analysis and possibilities in upgrading pedagogy in guiding the various papers for the courses run exclusively at SVC.
- ✚ **Driven:** The formally stated policy is driven and realized through a set of objectives, discussed in 6.1.1. Various societies like EOC, Parivartan, Literary and Science societies add grace to it by organizing many functions, talks and workshops.
- ✚ **Deployed:** By identifying best practices and consolidating the various units of the college, the stated policy is deployed in a cordial manner e.g. Carbon footprints, ENACTUS etc.
- ✚ **Reviewed:** The comparative assessment of the results and feedback given by the stakeholders, the policy matters are reviewed from time to time as per the need of the hour. This review helps to add goals and objectives, better alignment to modern trends, demands and techniques. The college academic practices and administrative structure rotates around the revision of established policies.

6.2.2 Does the institute have a perspective plan for development? If so, give the aspect considered for inclusion in the plan.

Yes, the college has a perspective plan for development. An inclusive plan for development consist three factors:

- ✚ **Academic Growth:** As the SVC has very good infrastructure for Computer Labs,
 - Therefore planning to introduce an Honours courses in Computer Science.
 - Three add on skill based courses are already successfully floated by the college, which create avenues for employment for students.
 - The College provides multiple choices of subjects in Interdisciplinary Concurrent Credit Course and Generic Elective Course in TYUP and FYUP respectively. (refer 1.2.3.).

- The College has already proposed a multidisciplinary project on Public Health under the DBT-Star College Scheme.
- Alumni network is strengthening gradually to increase industry exposure for student placements.
- The College is also working with dedication to get back the status of 'College with Potential for Excellence' back.

✚ **Enhancement of Infrastructural Support:**

- Recently the college has laid down the foundation of a new science block with all the state-of-art facilities for classroom teaching and laboratory practices.
- Renovation and expansion of the library with a common research area.
- Developed ICT Labs with latest software.
- Renovated Science Labs, office area and class rooms with the facility of Projectors etc.
- Making the campus environment friendly for the differently abled.

✚ **Human Resources & Extension Services:**

- Enriching the quality of life in the institution by providing cordial atmosphere among Faculty, students and administration.
- Providing opportunities to pursue research and also to participate and organize seminars / conferences / workshops etc.
- Updating the research and pedagogical skills.
- SVC has always tried to ensure continuous and intensive student engagement with social issues through **extensive community out-reach programs**. The institution has 3 duly constituted bodies such as Shakti: WDC, Parivartan: The Social Service Society and Hum Sab Ek Hai: EOC, which work in close collaboration to address various social concerns of the neighborhood around the campus. (Also see -1.3.4 & 2.6.4)

6.2.3 Describe the internal organizational structure and decision making process.

- ✚ The functioning of the College is under the supervision of GB that works in coordination with the laid down rules, regulations and statues of DU.
- ✚ For any academic and administrative decision the Principal is the final authority, inside college.
- ✚ All academic decisions are implemented through ASC with a proper discussion in Staff Council.
- ✚ The teacher-in-charges of the various departments are also included for course planning, implementation and evaluation.
- ✚ Financial decisions are taken by the Bursar and Principal with proper consultation in Financial Sub Committee.
- ✚ The administrative decisions are implemented through the AO who in turn is assisted, by a team of Section Officers with professional expertise to deal with the day-to-day procedure and other office regulations and compliance.

- The hierarchical organization of the staff as given below is as per rules of UGC and DU.

Hierarchical organization in the functioning of the College:



(MTS- Multi Tasking Staff; S.O- Section Officer; Asst- Assistant)

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:

Teaching and learning:

- ✚ SVC's role of teaching and learning is based on the Aitreya Upanisad (), as stated in vision and mission of the college, therefore teacher and pupil are in friendly relation. The teaching-learning is based on the discussion, introspection and in the spirit of partnership. There is no fixed role of teacher and student. A quality teacher learns new ideas as a student and the wise student may question like a teacher.
- ✚ Principal with the help of ASC and Time Table Committee ensures the regularity of lectures, practical and tutorials at the college. New initiatives are also taken by them for the smooth functioning of the classes.
- ✚ Teachers prepare semester plans and adhere to the prescribed schedule. They also use innovative methods of teaching and use ICT, wherever they feel it is important and better for understanding the subject.
- ✚ To enhance the teaching and learning, promotion to organize lectures delivered by subject experts, workshops and seminars etc. by the college authorities. Seminars and group presentations make students go beyond the curriculum and give them confidence. Subject based quizzes, analytical and conceptual questions help students to think, discuss and defend a concept. We believe that mere information given in the text books is not enough to understand a theory or philosophy.
- ✚ Adopting the modern technique of education, classroom teaching is considered the best where teachers impart academic knowledge with values. Group discussions are encouraged to build up confidence in students. Tutorials and practical are designed in such a way where personal attention is given to small group of students focusing on their individual needs. Case studies are encouraged to enable them to apply their knowledge and make concepts more clear.
- ✚ Proper care is given to the students of PH Category. EOC organize special classes for them and course material etc.

Research and Development:

- ✚ SVC has a proactive research consultancy and explores the hidden capacity of students to think. A proper platform is provided to the students and faculty for innovations. Quality of research and learning is ensured at the level of individual and in conformity with the global practices.
- ✚ UG research has been a part of our college even before DU had introduced research based teaching at UG level. Students have been provided with small projects which can be conducted in the summer and winter breaks with the help of the faculty. The quality of their research is assessed, monitored and reviewed by faculty. To evaluate their performance proper platform is provided to them for formal presentations.

- ✚ For quality improvement in research the college makes arrangements for summer training of the students at good scientific institutes e.g. IISc. UDSC, AIIMS, JNU etc.
- ✚ Our college has been a part of the Centre for Excellence 2008, where scientific institutes such as ICGEB and DU have collaborated. The students' model has helped them to learn the concepts of modern biology in the laboratories. The DU's model of innovation projects has provided ample scope to promote interdisciplinary and trans-disciplinary studies for research development.

Community Engagement:

- ✚ Community engagement is the integral part at SVC. Whether teaching or research, proper emphasis is given on the development and service towards nature and mankind. To focus the community before research and teaching, college has adopted several methods in form of committees, who organize, work, assess and develop the model of quality improvement. The important are:
 - Research and Ethical Committee
 - Social Service Society
 - EOC
 - Environment and Eco Club
 - Garden, Entomology etc.
 - WDC
 - Gender Sensitization Committee

Human Resource Management:

The quality of Human Resource Management is overall assessed by the Principal through small accountability practices.

- ✚ Personal files and data of all the employees are well recorded and maintained.
- ✚ The morale of an employee is boosted by encouraging his/ her good work. Special interest is shown for further professional development and participation in academic and extra- curricular activities.
- ✚ Teachers are encouraged to do self-appraisal by getting feed-back forms filled by the students at the end of each semester.
- ✚ Students and alumni's feed-back is taken very seriously to change/ upgrade/ delete any of the established practice of the college.
- ✚ In administration, latest modular infrastructure is provided to each employee and college upgrade it as per the need of the staff.

Industry Interaction:

The vibrant society of Placement Cell is the best suited example of SVC for Industry interaction.

- ✚ Special grooming of the students is done by placement cell by organizing several fests, inviting the corporate industries to the college campus for recruitment etc.
- ✚ Talks, Personal and group discussions and interviews are conducted for quality improvement.
- ✚ Each and every student is given free choice to interact the companies as per their choice, need and subject to their eligibility.
- ✚ Special encouragement is given to the entrepreneurial activities and to improve the quality of industry-interaction, students take up internships in industry and industry excursions.
- ✚ The Commerce and Economics departments contribute significantly and empower the students in ENACTUS and in ASCEND. Department of Chemistry also focus their subject as per the need of the industry and guide and help the students for modern chemical and industrial needs.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

To review the activities of the institution, SVC believes in Communication, Information, Discussion and in Dissemination.

- ✚ The Head of the institution has periodical interactive sessions/meetings with the members of the GB at TTD. The GB is regularly **communicated** and updated about various academic, infrastructural, policy and financial matters of the college.
- ✚ **Information** pertaining to the students' admission, time table, payment of fee, internal assessment and other exam related activities are properly **disseminated** to all the concerned (teachers, administrative staff and students). This information is uploaded on the college website as well as on college notice boards from time to time. College also publishes the Prospectus/ Information Bulletin in every academic year regularly.
- ✚ SVC website has regular updates on notices related to teachers' matters such as **information** regarding meetings, appointments etc. Besides this, any information/notice sent by the DU/ UGC/ MHRD is also posted on the website for the benefit of various stakeholders.
- ✚ Annual reports of various staff council committees are properly **discussed** among staff members as well as with the Principal for accountability to all the stakeholders. In annual report also, Principal informs stakeholders about objectives, achievements, use of resources, and financial performance in an academic year.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The top management i.e. TTD is supportive in the day today activities at college. On one side their support to SVC is financially and on the other side morally also. The management encourages and supports by:

- ✚ Instituting so many prizes to encourage the young talent (Table - 06)
- ✚ Financing the seminars, conference etc. under the banner Dharma Pracara Parishad.
- ✚ Recognizing the exceptional work e.g. TTD awarded a Prize for ‘College for Excellence’ in 2013.
- ✚ Supporting and discussing the several policy matters of the college in GB and in TTD in form of resolutions.
- ✚ Two members of the teaching faculty and one member of non-teaching staff are the members of the GB.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of the implementation of such resolutions.

- ✚ The Management Council meeting at SVC is the platform where the democratic spirit that the college upholds is actually practiced and any matter of concern is taken up for discussion. In the last year i.e. 2014-15 to till date, resolutions passed and implemented by college are as follows:

✚ **Table 6.1: Resolution passed by GB and their implementation at college:**

S. No.	No. of the Meeting Date, Place etc.	Detail of Resolutions Passed	Status of Implementation
2014-15: No GB Meeting held.			
2015-16			
1.	134 th on 10-08-2015 at Tirupati	No. of Agenda Items - 30	Minutes are under approval

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If ‘yes’ what are the efforts made by the institution in obtaining autonomy?

There is no provision of autonomy in DU rules and ordinances.

6.2.9 How does the institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

- ✚ The complaints and grievances received by college authorities in day today process are sorted and marked to the concerned committee (constituted by Staff Council) for redressal. The convener of that committee, with the

discussion of other members respond the Principal and Principal is the final authority to address any of the issue of any stakeholder.

- ✚ The college has a duly constituted Grievance Redressal Committee at the time of admission, Proctorial Committee for discipline issues, Anti Ragging Cell, Hostel Committee, SC/ ST Grievance Cell and a committee for complaints against sexual-harassment. These committees meet on routine basis as well as whenever any complaint/ grievance is reported.
- ✚ Some issues for inside college policy matters and grievances are addressed by the Principal in Staff Council meeting, for better participation of all the staff members and for democratic decision.
- ✚ Serious administrative matters are only in the purview of GB.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the court on these.

✚ **Table 6.2: Court cases against the college:**

S. No.	Case No.	Year	Name of the Petitioner	Issues	Decision
1.	No.6863/2011 Writ Petition (Civil)	2012	Dr. Purnima Gupta V/s Sri Venkateswara College and Ors.	From CPF to GPF	Still in Court
2.	No.5495/2011 Writ Petition (Civil)	2012	Dr. S. Kumari Shah V/s SV College & Ors.	From CPF to GPF	Still in Court
3.	No.3631/2011 Writ Petition (Civil)	2012	Dr. R. K. Saxena V/s. Sri Venkateswara College & Ors.	From CPF to GPF	Still in Court

6.2.11 Does the institution have a mechanism for analyzing student feedback on institutional performance? If 'yes' what was the outcome and response of the institution to such an effort?

- ✚ Yes, since 2014 the college has the mechanism, for analyzing student feedback on institutional performance. At the end of the academic year students fill Feed-back form, which is used to improvise upon the day-to-day and the overall functioning of the college.
- ✚ Many times, feed-back is discussed at department level also for improvement in course structure e.g. an optional paper of Symbolic Logic has been introduced in the college as many students expressed a desire to have that paper in their feedback forms. Feedback forms given by funding agencies are discussed at length in meetings and reflected upon.

- ✚ Feedback is carefully studied, and follow up is undertaken incorporating counseling of staffers based on response to constructive criticisms, and where needed, responsive reallocation oriented to more efficient and need-based/user-friendly allocations of faculty per course / study program constituent. The idea is to improve staffers (since teaching is a skill perfected on the job) while safeguarding and maximizing the interests of students as target-beneficiaries.

6.3 Faculty Empowering Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

- ✚ **Teaching Staff:**
 - SVC enables its faculty members to routinely participate in refresher courses, orientation programs, national & international conferences, seminars, workshops, and field visits etc.
 - Study/ Academic/ Duty/ Sabbatical leave has been granted as per the rules laid down by DU for the purpose.
 - The College invites eminent speakers from academia and corporate world to motivate the faculty.
- ✚ **Non-Teaching Staff:**
 - Non-teaching staff is encouraged to attend skill and training courses. In Aug. 2014, special visits to research institutes such as DRDO and CSIR-IGIB were organized. This helps non-teaching staff of science departments to hand on experience of various laboratory practices and advanced instruments.
 - To train the lab staff to make them better equipped for handling laboratory work and conducting routine practical classes, a special workshop is conducted in 2012.
 - ICT workshops and training is also given to them for training them in soft skills.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibilities they perform?

- ✚ A number of strategies are adopted by the college for faculty empowerment through training etc. For example:
 - Staff members, who undergo for training share their experience with other fellow colleagues. The skills and knowledge acquired by the trained faculty is used for administrative purpose, by assigning special works to them.
 - Special lectures and workshops are organized for faculty empowerment at college level.

- The faculty members are motivated to organize such courses/seminars/workshops at the college level so that the other faculty members can also partake of the knowledge and experience gained.
- They are empowered by offering them various administrative offices with clearly defined roles and responsibilities. Such roles include the offices of the Vice Principal, the Bursar, Hostel Warden etc. This opportunity not only involves the best minds with suitable acumen to participate in the functioning of the college but also fosters a sense of being empowered to the participating members.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

- ✚ The college appropriately captures and considers the appraisal system of the staff. Faculty members are required to maintain yearly self-assessment incorporating details of teaching, remedial measures for slow learners, examination, evaluation, research, administrative work, extension activities & honors and award etc. during the period of assessment which shall further be subject to verification by the Principal. The credits have been published in the college magazine Neerajana under the heading – Principal’s Annual Report.
- ✚ Staff members (non-teaching cadre) are assessed annually for the period of each financial year. Blank form of APAR is distributed amongst staff members by 31 March every year and the entire process is completed by 30 Nov. APAR contains brief description of duties undertaken by the employee, timely accomplishment of planned work, proficiency in work and personal attributes such as, attitude to work, sense of responsibility, communication skill, analytical ability, inter- personal relations etc. It is initiated by the reporting officer and reviewed at a higher level in the hierarchy.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

- ✚ The Teacher-in-Charge of Science departments regularly evaluates the performance of lab staff through students’ feed-back and their performance during practical classes.
- ✚ PAS is a key parameter for considering the employee for promotion and key assignments.
- ✚ Self-appraisal forms are also filled by the teaching staff at the time of promotions.
- ✚ Management does not review and comment on PAS unless there is a major discrepancy, and the same has been communicates informally.

6.3.5 What are the welfare schemes available for teaching and nonteaching staff? What percentage of staff have availed the benefit of such schemes in the last

four years?

✚ The following welfare schemes are available in the college for the benefit of the teaching and the non-teaching staff members. The tabular details are appended below:-

✚ **Table 6.3: Percentage of Staff availed benefit of Schemes in the last four years:**

S. No.	Welfare Scheme	2014-15		2013-14		2012-13		2011-12	
		Teaching	Non-Teaching	Teaching	Non-Teaching	Teaching	Non-Teaching	Teaching	Non-Teaching
1.	Staff Quarters on Campus	13.51	25.28	13.51	25.28	13.51	25.28	13.51	25.28
2.	Cooperative Society for easy Financial Assistance	-	-	-	-	-	-	-	-
3.	Banking Facility on Campus	Applicable & available to all the employees (Teaching, Non-teaching & Contract Staff) as well as to all the students on all working days as per RBI Rules.							
4.	Wi-Fi Facility & E-Resources	Applicable & available to all the employees (Teaching, Non-teaching & Contract Staff) as well as to all the students on all working days as per DU Rules.							
5.	Subsidized Photocopying Shop	Applicable & available to all the employees (Teaching, Non-teaching & Contract Staff) as well as to all the students on all working days as per SVC Rules.							
6.	W.U.S. Health Scheme	12.9	60.92	11.76	58.89	1.61	54.35	2.34	59.78
7.	Subsidized Canteen on Campus	Applicable & available to all the employees (Teaching, Non-teaching & Contract Staff) as well as to all the students on all working days as per SVC Rules.							
8.	Ward Quota for college admission & fee concession.	-	-	-	-	-	-	-	-
9.	First Aid Unit on Campus	Applicable & available to all the employees (Teaching, Non-teaching & Contract Staff) as well as to all the students on all working days as per SVC Rules & at UDSC at the time of emergency.							
10.	Medical Reimbursement	41.94	79.31	36.13	71.11	43.55	76.09	47.66	80.43
11.	PF Loan Facility	14.52	29.89	21.85	33.33	19.35	38.04	22.66	50.00
12.	Children Education Allowance	-	-	15.97	41.11	14.52	41.30	22.66	50.00

13.	Child Care Leave	-	-	-	-	-	-	-	-
14.	LTC /HTC	32.26	42.53	30.25	37.78	30.65	42.39	21.88	34.78
15.	GPF	72.58	77.01	78.15	77.78	79.03	79.35	78.13	82.61
16.	CPF	6.45	0.00	6.72	0.00	6.45	0.00	6.25	0.00
17.	GIC	90.32	95.40	95.80	96.67	95.16	100.00	95.31	98.91
18.	NPS	27.42	20.69	19.33	20.00	19.35	20.65	20.31	19.57

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

The recruitment of faculty is done as per the rules and regulations of UGC therefore college has no role and method for attracting and retaining the eminent faculty.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

Institutional mechanism to monitor effective and efficient use of available financial resources is as follows:

✚ Infrastructural Development:

- In the beginning of academic session TIC's and conveners of various societies give their requirement to Development Fund Committee and Purchase Committee.
- Both the committees invite tenders/ quotations etc. as per the financial rules and guidelines of Govt. of India.
- Construction and major renovation work of college building is subject to the approval of TTD and GB. In this case GB scrutinizes the matter minutely and approves, if necessary, as per the financial rules.
- After purchasing/ developing the infrastructure, college seeks approval on actual expense, already sanctioned by them in GB meeting.
- Principal, being member secretary of the GB also acts as Drawing and Disbursing Officer of the college accounts, who is authorized to received grants/ funds and approve expenditure within her financial competence.
- All the college accounts are operated jointly by the Principal and Bursar (a member of teaching staff of the college).

✚ Students Activities:

- There are a number of committees and departments in the college who require finance for extra-curricular and for co-curricular activities.
- A proposed budget is prepared by them with the consultation of their committee members for the year.
- Principal approves the estimated budget.

- All expenditure is done as per the financial rules and Bills, duly signed by the convener are submitted at the college accounts office for approval.
- A committee is constituted by Staff Council to look after the Financial aid and fee concession to the needy students.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last done and what are the major audit objections? Provide the details on compliance.

- + The GB has constituted a Finance Sub Committee in the college for **internal audit**, which shall supervise, guide, and monitor all the financial decision of the college, other than the routine ones.
- + **External audit** in depth is done by the statutory auditor appointed by the GB among the panel of auditors maintained by the DU. The auditor so appointed is forwarded to the DU for further verification and authentication by the institute of chartered accountants of India, New Delhi.
- + The audit report with the audited financial statement as prepared by the statutory auditor is presented to the college GB for its consideration and approval through the Treasurer of the GB, who is a nominee of management.
- + The approved audit report and the financial statements are sent to UGC through DU which is counter signed by the Vice Chancellor.
- + As per the decisions of the UGC now a team of CAG visits the college for check audit in respect of the funds released by the UGC and other governmental agencies. The CAG had done the last audit during **June 2013 for a period of 15 days** and has given a detailed report.
- + **Detail of Major Audit Objections and their Compliance:**
The College complied all the major audit objections raised by CAG and the same are reported to them (Copy enclosed with SSR)
- + Since the visit of CAG auditing for the FY 2010-11, and FY 2011-12 was completed and sent to UGC through the usual process. The auditing of financial statements for 2012-13 and 2013-14 is nearing completion and would be put up before the governing body for its approval within a short time.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

- + **Major Sources of Institutional receipts/funding:**
 - UGC Grant
 - Governing Body share i.e. TTD
 - Students' fees

- Donations/ Sponsorships

✚ There is no deficit.

✚ **Table 6.4: Audited Income and Expenditure Statement:**

Financial Year	Income	Expenditure
2014-15	Rs. 343860002.22	Rs. 327269226.00 #
2013-14	Rs. 278181882.00	Rs.320311928.50 #
2012-13	Rs. 359766690.00	Rs. 291994085.50
2011-12	Rs. 255953170.00	Rs. 275888084.00

✚ **Reserve Fund/ Corpus Fund Available:**

Financial Year	Funds Available
2014-15	Rs. 14069462.52 #
2013-14	Rs. --- 2521313.48 #
2012-13	Rs. 39608733.02
2011-12	Rs. --- 28322474.92

Data for the financial 2013-2014 and 2014-2015 is subject to audit

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

- ✚ The college has got extra mural funding from the DBT, Govt. of India under the Star College Scheme. The Star College Scheme was awarded to the SVC in the year 2011 for 3 years and the total funding received under this Scheme was Rs. 58.95 lakh. In view of the excellent progress by the 6 science departments benefitted by the scheme, DBT has awarded the College “Star College Status” in 2014.
- ✚ Bioinformatics Centre is also established by the college under the scheme DBT-BTIS net funded Bioinformatics Infrastructure Facility (BIF).
- ✚ The faculty of the college also does hard work and as a result a number of research projects are awarded to the teachers of SVC. This helps the institution to develop good and latest infrastructure for their teaching and research work. (See details in 3.2.7).
- ✚ Sports Ground of SVC is also maintained by Cricket Sonnet Club. The club provides all kind of cricket facility to the students with a sum of Rs. 04 Lakh + per annum as rent to the college as well as ground rent for Saturday and Sunday. The staff and students use this sports facility as per their need and desire and rest of the time, ground is used by the club for practicing professional players.
- ✚ In addition, students’ also work very hard and a number of awards and fellowships are received by them from Central & State governments and by DU. Scholarships disbursed to the deserving students well in time. (See details in Table 5.1.2.)

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

✚ The College does not formally established the IQAC till date but ASC is accountable to all the academic standards of the college.

b. How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented? - NA

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them. - NA

d. How do students and alumni contribute to the effective functioning of the IQAC? – NA

e. How does the IQAC communicate and engage staff from different constituents of the institution? - NA

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

✚ Yes, the college has an integrated framework for Quality assurance of the academic and administrative activities. The staff council committees play an important role in it.

- The academic activities right from the initial process of admissions to various other extra-curricular, sports activities etc. are monitored by Admission Committee, ECA, Fine Arts and Sports Committees respectively.
- The Infrastructural development and purchase etc. is taken care by Development Fund and College purchases committees.
- The ASC and Time Table Committee is responsible for smooth academic calendar and standard.
- These committees also advise on certain administrative matters wherever it is necessary for a greater co-ordination amongst academic and administrative staff.

✚ Each and every teacher of the college has a concern in quality assurance as the institution focuses on the continuous evaluation of students. Assignments, class tests, presentations have been an integral part of academic enhancement and correction of shortcomings of students.

✚ A well institutionalized hierarchy exists in the administration with the AO responsible to execute the directions of the principal and implement all the

notifications of UGC/DU etc. being communicated from time to time. Deficiencies in duties of administrative staff are addressed as per the norms prescribed under various proceedings pertaining to service conditions as contained in CCS rules.

- ✚ All the information pertaining to students, staff and finances are managed through appropriate software, where the recovering and storing of these data is undertaken simultaneously.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality Assurance procedures? If yes, give details enumerating its impact.

- ✚ Yes, the Quality Assurance Procedures are effectively implemented by the college authorities as cited in 6.5.2, still responsibilities and tasks are not specifically allocated and assigned. The teaching and non-teaching staff share responsibilities in event management, examination work, data management etc. but for all kind of duties, sole responsibility is with the Principal only.
- ✚ The college gives permission without any prejudice to the faculty and non-teaching staff to learn new techniques in Governance and leadership. Recently, Mr. Pawan Kumar Pandey, SO Admn. Took no objection from the Principal and qualified himself in Public Administration. He also served at IP University in Personnel and Management Department on deputation. Similarly, in teaching faculty Dr. Aarati Saxena (Associate Professor, Dept. of Botany) worked as Principal NCWEB at DU.
- ✚ Besides this, a number of teachers and non-teaching staff have been permitted by the college authorities for enhancement in their academic, scientific, technological and IT knowledge. The staff gets acquainted with the technological and procedural changes and accordingly acquire necessary skills for delivering an improved service on the job for which they are appointed.

6.5.4 Does the institution undertake Academic Audit other external review of the academic provisions? If yes, how are the outcomes used to improve the institutional activities?

- ✚ As per the statues, rules and ordinances of DU, there is no provision of Academic Audit so far. However, in view of college being granted the Star College Status by DBT, a team of Academicians/Scientists visited the college for an audit of infrastructural enhancement, fund utilization etc. in the process of review for entitlement of future grants/ extension of status for further period.
- ✚ As academic audit is more a process of introspection for each individual faculty member, the department and the college as a whole. The college has an established procedure of academic evaluation and standard as follows:
 - The **Principal** hold meetings with each department separately at the start of the academic year to analyze the examination results of the students.

- At **department level**, by scrutinizing the results, teachers also identify slow learners and special care is given to them. The academic work and syllabus distribution is also analyzed and modified by the members of the department accordingly.
 - **Time Table Committee** display all the time-tables on the college website and at every department room as well as on college notice boards, which helps in the regularity of classes.
 - **ASC** monitors the academic standards and is responsible for effective implementation of the curriculum. This includes effective academic calendar including the schedule of extra and co-curricular activities, schedule for internal class tests, presentations, attendance and submission of marks etc.
 - **Library Committee** also assess the new arrivals, journals, magazines, software etc. for all the departments and maximize the benefit to the faculty and students.
- ✚ This kind of academic evaluation, efforts and exercise by various committees improve the quality of academic standards and smooth functioning of the academic programs in the college.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

- ✚ The quality assurance and the academic systems are developed in synergy with national educational policy of inclusive education to all and according to guidelines of DU and UGC.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Refer 6.5.4. Above.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

- ✚ The college's quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders are communicated through:
- A well maintained website where all the updates are posted regularly, which can be accessed both by the internals i.e. students and staff, and externals i.e. parents, alumni, public at large.
 - Further, Information Bulletin/ Prospectus of the college is published at the time of admissions, which contains most of the information pertaining to policy of admission, achievement of college, rules of discipline etc.
 - The college annual report presented at the time of annual day by the principal has a detailed report of performance of the students, teachers

and their achievements are put in the public domain for consumption of external stakeholders.

- The college communicates all development and achievements to the top management i.e. GB and minutes of those meetings are recorded systematically.

Any other relevant information regarding Governance, Leadership and Management which the college would like to include.

The college being run under the aegis of TTD, a trust created by an act of Government of Andhra Pradesh, has a divine inheritance of togetherness, a vision of universalism, having unrestricted support from the management, since its establishment in 1961. Keeping these ideals in mind, the college works into that direction and takes decisions as per the vedic norms of universalism and brotherhood. The noble thoughts of our founders has always been a source of inspiration and commitment to the cause of education for which this institution was started.



SRI VENKATESWARA COLLEGE

**CRITERION VII
INNOVATIONS AND BEST
PRACTICES**

CRITERIA VII: INNOVATION AND BEST PRACTICES

7.1 Environment Consciousness:

Every venture and practice in our college embodies the goal and vision of the SVC and out of these practices environment consciousness is the prime and most important issue for the college. The staff and students are all proactive in maintaining and preserving the green cover and conscious for cleanliness also.

- + The college is spread over in 15 acres of area
- + Institutional Space, Academic Blocks: 03 Acre
- + Flats, Hostel etc.: 02 Acres
- + Sports Field: 05 Acres
- + Unspecified Use: 05 Acres

The built up area is 40% and rest of the area is categorized as lawns, playground etc. The campus has about 400 trees and various types of shrubs etc. The maintenance of the college is done by a hardworking caretaker under the guidance of convener, Development Fund Committee.

7.1.1 Does the Institute conduct a Green Audit of its campus and its facilities?

To obtain a certificate of a Green audit, the college needs to benchmark and evaluate the amount of energy consumed in its functioning on a day to day basis. Though as yet no Green Audit has been done in the College, the institute has applied to the various authorized and registered agencies to undertake the Green Auditing of the college campus and its facilities. The college has also taken advice from the Environment Ministry, Delhi government and adopted measures to cut down over use of energy. Energy conserved would earn credits, cut costs and helps us plan judicious energy conservation measures for the future. The college has employed dedicated gardeners who work under the supervision of the garden committee for the maintenance of flora and aesthetic beautification of the college campus. The green areas of the campus are carefully and diligently maintained and care is taken that no tree is cut down.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

The college has a large campus with ample green spaces. Various measures have been adopted in the college to ensure that the institution is heading towards its goal of becoming an eco-friendly space.

Some of the measures taken are:

(a) Energy conservation:

- + Notices are placed in all class rooms, laboratories and offices instructing switching off appliances that are not in use.

- ✚ The rooms on the top floor of the college are well lit rooms, to minimize the consumption of artificial light these are generally allotted to those classes, where maximum use can be done.
- ✚ All electric and electronic equipment used on the campus are regularly maintained and repaired to ensure minimum energy waste.
- ✚ All old gadgets in poor running conditions have been replaced with Energy star rated gadgets.
- ✚ Most of the lighting in the campus has been replaced by energy efficient lights like LEDs and CFLs
- ✚ The college also proposes to use heat radiating screens on glass windows to reduce cooling costs and energy used for cooling.
- ✚ We are conducting a survey to calculate the carbon footprint of the college and plan to adopt a carbon neutral policy and explore the possibility of adopting virtualization at several levels.

(b) Use of Renewable Energy:

- ✚ SVC believes in the optimum use of Energy - resources and the college has adopted renewable energy as an alternative form for more than a decade.
- ✚ Solar panels are currently installed on the hostel terrace and the energy harnessed is used for lighting street lamps in the college campus as well as heating of water in the Hostel premises.
- ✚ Steps are being taken to increase the use of solar power in the canteen area, library, common area lighting (Corridors, Bathrooms, Lobbies).
- ✚ In the next phase solar energy use can be adopted for ICT/Computer labs.
- ✚ For the purpose of decomposition and recycling, fallen leaves are collected in a pit.

(c) Water Conservation:

- ✚ Since the college borders the Aravali – semi arid eco belt we have avoided the plantation of water intensive varieties in the campus and encourage growing Xerophytic plants that are better suited to the Aravali Ecosystem.
- ✚ Periodic check-up of plumbing lines is undertaken to ensure minimal loss of water due to leakage.
- ✚ Arrangements are being made to channelize the water coming out from the canteen and the hostel mess to irrigate the lawns.
- ✚ Also effective reuse of water waste from RO systems, distillation units and Air conditioners is being done for irrigating the green areas.
- ✚ Rain water harvesting is proposed to be undertaken.

(d) Solid Waste Management:

To make the Campus a smart Campus we have addressed the issue of solid waste management also.

- ✚ The major solid waste which are generated in the Campus are Paper, Leaf litter, Kitchen waste Chemical and Biological wastes. The following

measures are being adopted to reduce carbon footprint and recycle paper to some extent.

- ✚ Use both sides of the paper to print.
- ✚ Reuse declassified paper.
- ✚ Papers printed on one side are to be used as envelopes and these can be duly stamped to advertise eco-friendly measures to recycle paper. The envelopes are being made by slum children as a part of social improvement and productive work program.
- ✚ Declassified paper can also be sent to departments for use in class tests.
- ✚ It is also proposed that newspaper envelopes can also be made by training the slum children in the 'Each one-Teach one' scheme being conducted in the college.
- ✚ The other most important solid waste is leaf-litter and kitchen waste (canteen and the hostel mess). These organic wastes are being recycled by adopting vermicomposting for leaf-litter and microbial composting for kitchen waste.
- ✚ The Project Captain Compost by the **ENACTUS** Society deals with transformation of waste into manure usable for public institutions. The students have participated in the national level Competition of projects organized at Leela Gurgaon in the month of July. SVC ENACTUS team has been selected to receive ENACTUS Blue Dart Empowering Competition 2014 – 2015 with a grant of Rs. **40,000** in June 2015.

(e) Check Dam Construction:

Not applicable for the college campus.

(f) Efforts for Carbon-Neutrality:

- ✚ In order to reduce the carbon emissions in the campus a **3-step approach** has been proposed which includes:
 - The measuring the foot print by inventory of Green House emissions (CO₂, CH₄, NO₂,NO, PFC_s, HFCS, SF₆, SO_x extra) in the day to day functioning of the institution;
 - Set up goals and strategies to reduce emission.
 - And purchase carbon off sets.
- ✚ One tree can off- set 0.8 ton of carbon dioxide therefore one of the major measures taken up by the college is to plant trees and maintain them.
- ✚ Fruit trees and flowering plants have been planted to attract insects and birds.
- ✚ To safeguard the trees planted in the campus, the scheme **ADOPT A – TREE PLAN** is being popularized among the teaching faculty and the students.

Some of the steps in **achieving carbon-neutrality** are:

- ✚ The aforementioned energy conservations measures (7.1.2 a) & use of renewable energy (7.1.2 b). Tree plantation is undertaken periodically.

- ✚ Recycling of paper to be undertaken on a war footing.
- ✚ To apply for PNG- since the switch from LPG, this would reduce the GHG_s emissions. PNG supply will be given to laboratory hostel and the canteen.
- ✚ We do not use chemical Fertilizers/ Weedicides or Insecticides in any of our garden space. We purchase organic manures, and have switched over to vermicomposting and microbial composting to recycle the organic matters, leaves, kitchen waste and the hostel mess.
- ✚ We use potted flowers decoration with rangolis in our festivals and preferably present our chief guests with potted plants instead of cut flowers.
- ✚ Our college has a NO non-vegetarian policy. We do not serve non-vegetarian foods in our canteen(s) and in the hostel mess. This is a major move towards cutting carbon foot print.
- ✚ We do not use plastic plates and cups in our cafeteria and hostel mess.
- ✚ Refurnishing of the interiors is generally avoided. If need be, then emphasis is laid on the reuse of wood and iron.
- ✚ We have switched to the use steel storage cabinets thereby cutting down on the use of wood.
- ✚ Identification of new technologies to mitigate our carbon emissions is our constant endeavor. Purchase of carbon offsets for the future can be considered to zero out our net emissions by factoring in all our achieved goals in carbon neutrality. The balance emissions can be neutralized by supporting projects involved in the use of renewable energy.

(g) **Plantation**

There are about 400 trees in the college campus, which belong to 55 tree species from 26 families making it a green Campus. Several *trees also have ecological and environmental roles to play*.

- ✚ One important role is the protection of soil from erosion, which is mediated by *Azadirachta indica*, *Moringa oleifera*, *Morus alba*.
- ✚ Some trees also improve the quality of soil by adding minerals to it or by fixing nitrogen with the help of mycorrhizal associations, as seen in *Pithecelobium dulce*, *Morus alba*, *Prosopis juliflora*, *Mangifera indica*, *Grevillea robusta* and *Moringa oleifera*. In case of areas that have been eroded or waterlogged and need to undergo reclamation, tree species such as *Grevillea robusta*, *Ficus racemosa*, *Pithecelobium dulce*, *Morus alba*, *Prosopis juliflora* and *Syzygium cumini*.
- ✚ A few tree species help in decreasing pollution, such as *Moringa oleifera*, which clarifies water and removes turbidity, and *Psidium guajava*, which acts as a bio-indicator since it is sensitive to sulphur dioxide and chlorophyll destruction
- ✚ We undertake annual tree plantation drives and have adopted a tree plantation move as a part of the agenda in the annual student exchange programmes.

- ✚ Recently, we have signed an MoU with the Centre for environment and have started a Herbal Garden with 33 species of herbs that are suited to the Delhi climate.

(h) Hazardous waste management:

There is a proposal to collect chemical effluents from the chemistry labs and the other laboratories in a cemented tank and will be treated or neutralize to reduce the environmental pollution in the main sewage line. The bio waste from Zoology /Biochemistry/Research laboratory are being disposed separately after pre-treatments like autoclaving and or photo bleaching.

(i) e-Waste Management:

To dispose of e- waste consisting of used printers, cartridges, discarded photocopy machine card memory sticks, damaged PCs, CPUs, Laptops; certified professionals e-cyclers preferably with ISO-14001 certification are being contacted. They will procure environmental systems for standard safe disposal of e- waste and obtain certificate ensuring destruction of data. This entire process is being outsourced.

7.2 Innovations:

7.2.1 Give details of Innovations introduced during the last four years which have created a positive impact on the functioning on the college.

SVC is an institution where scholarly activity and innovations are valued and encouraged. Since the inception of the college visionary Governing Bodies and the Principals played a very constructive and enthusiastic role in the innovations at SVC. Today, college can count a number of innovations into multiple directions:

Academic Innovations:

- ✚ We take pride that our college is running many interdisciplinary courses as BSc. (H) Biological Sciences, Life Science, B.A. (Program), B.Com. (Program), 07 Interdisciplinary Concurrent and Discipline Centered Concurrent course papers for B.A. (H). These type of courses are the tribute to team effort.
- ✚ In the last four years SVC always focused on maintaining the highest standards of academic growth and excellence. Almost all the departments separately and college collectively have introduced some or the other technique or practice in an innovative way. Few efforts are as follows:
 - Classroom and blackboard teaching is an essential part of the daily activity of a teacher but teachers include a variety of innovations which include Audio-visual aids, access to website links, group discussions, debates and quizzes etc. in addition to the traditional method of teaching. This helped the student to captures modern new ideas, with a logical and interpretive analysis of the subject.

- Going beyond the classroom, students are encouraged to participate in field trips, which provide first hand data on the realities of situations *in situ*. (for detail refer to ERDs)
- In science courses also, hands on training through small experiments that supports theory are done, which not only helps the students to understand concepts better but also provides training in interpretation and analysis of data.
- SVC provided an environment wherein both faculty and students find it conducive to participate in research, engage their intellectual curiosity, satisfy their thirst for discovery and analysis, and gives them an outlet for their creativity. IDC & DCC papers of TYUP, Foundation Courses of FYUP and free choices in CBCS are the best examples of it.
- Encouraging students' participation in small projects, data collection and analysis, e.g. the projects of environmental studies.
- The college encourages the faculty to undertake research projects. A number of research projects are on our credit. (refer 3.2.7)
- SVC provides the right environment and infrastructure for students to inculcate scientific temper and research aptitude at the undergraduate level. Some of the steps taken in this direction include –
- **Organization of conferences/symposiums** - These provide with an opportunity for the students to interact with eminent Scholars in emerging areas. This will aid in developing skills for conference management and also provides a platform for teamwork. The college has hosted several conferences and workshops in different disciplines.(please refer to 3.1.6 & ERDs)
- **Undergraduate Student Projects**- Students are encouraged to carry out undergraduate research under the supervision of a mentor. Several projects have been successfully carried out under the grants received from DU Innovation Projects and DBT funded Star College Scheme. 30 innovation projects have been sanctioned to our college under DU Innovative scheme of which 16 have been completed successfully with a few publications
- **Visits to Academic Institutes /Industry/Field Trips** - Visits to institutes of national repute help students to learn the latest opportunities and technologies available for their higher education in their respective discipline. The visits also have aided the students to choose their career path in the field of interest. A trip to Wildlife Institute helped many students to take their higher studies in Wildlife Institute of India. Heritage walks in and around Delhi have been instrumental in igniting the students belongingness and understanding of the culture and history of Delhi.
- **Student Presentations**- Students are encouraged to present papers in the class as part of their internal assessment. The students are also encouraged to participate in poster/oral presentations in national conferences and intercollegiate conferences and workshops.

- **Annual Departmental Association Festival-** All departments hold annual festivals that promote interdisciplinary and trans-disciplinary activities. Some of the activities include – interdisciplinary lectures, student quiz, that promote borderless disciplines.
- **Annual Magazines-** College also annually publishes a magazine “Neerajana” that encourages participation from students and staff from all disciplines. It provides a platform for creative expression not only in art and writing but is unique in that it has articles in 5 languages. Many Departments also encourage student to publish their departmental magazines that provides a platform for students to showcase their creative expressions.
- **Summer Training-** The students are encouraged to participate in summer training/internship programs offered by both academia and industry. The faculty involved in research, regularly organize seminars, workshops and conferences for undergraduate students of the college in their areas of expertise and for other colleges as well.
- **In house Training -** The college faculty also encourage students for short term internship program during the summer/winter semester break. This helps the students also publish their findings in journals of both national and international repute.
- Further sharing **of infrastructural facilities and equipment ensure** that equal opportunities are provided to all those in the quest for knowledge and help in guaranteeing global standards to any project at hand.
- These theoretical engagements are further put into actual application when they are brought onto the social platform through collaboration with the industries in the same segment which showcase these advanced technical-know-hows into marketable products improving the life of the populace around.
- SVC has been the signatory to MoUs with various international universities. These include partnership with the Aarghaus University, Copenhagen and with the University of Nottingham under the U21 agreement. Both the joint ventures have been highly successful and our faculty members from both humanities and sciences have been visiting their campus regularly. In the case of Aarghaus University their faculty members and students have also been to our college on short-term programs and now there are deliberations of actual credit transfers in such cases. Further negotiations on similar lines with the Universities of Edinburgh and Melbourne are currently underway.

The college has been a signatory to a number of Significant Projects:

- ✚ SVC has been a party to the MoU signed with the United Kingdom and has been successfully hosting the students exchange programme called **UKIERI** (UK-India Education Research Initiative) for the last four years. This year, the programme now modulated to an even larger scope, re-christened as Generation –UK India Study India Programme 2015 was again highly appreciated as the college translates the spirit of the exchange into a real

experience for the foreign participants. They gain an insight into classroom teaching and laboratory practice in Indian Universities and are also given an opportunity to appreciate Indian culture and arts. The latter also gain from this exchange and in fact two of our students are selected every year on and all expenses paid visit to the UK for a week under this initiative.

- ✚ On the national level the college has signed an MoU with the prestigious **National Institute of Immunology**, New Delhi under the project *Science Setu* initiated by the DBT, Government of India. As the very name of the project suggests it aims at bridging gulf between under-graduate studies and research. Under this initiative a number of reputed national research institutes have signed MoUs with various colleges for the promotion of research in the latter. Further faculty members from these institutions also interact with the students and deliver talks on topical areas of study. Three eminent research scientists of NII, Dr. A. C. Banerjee, Dr. Vinay Nandicoori and Dr. P. Taylor have and interacted with our students on contemporary issues such as HIV AIDS, Immunology and Virology etc.
- ✚ Our faculty members have collaborated with reputed institutions like the **National Science Center, Aarghaus University, Copenhagen** and the **University of Delhi, South Campus**. These collaborations have been highly lauded for the research impetus and equally acclaimed have been the publications that have proceeded from such engagements In association with the **South Eastern University, Oluvil, Sri Lanka**, our college team visited Sri Lanka during May 25-27, 2012 and made presentations on Human Development and Indian Culture. The college has also been a signatory to a Memorandum of Understanding with various international universities which includes the **University of Nottingham** under the U21 agreement. The joint venture has been a great success and our science faculty members have been visiting their campus regularly. High Commissions like those of United Kingdom, Australia and Sri Lanka to name a few have always been keen to initiate such alliances with the college. Delegates of the British Parliament have visited the college and so has the Vice Chancellor of the University of Melbourne.
- ✚ Under DBT Star Scheme a trip was organized to Tirupati and Tirumala hills of Andhra Pradesh from 24-28 January 2014. They visited SV Arts College and Padmawati college for girls and delivered lectures and gave presentations according to their field of expertise. During the visit the **interaction** between the students helped in understanding the differences in curriculum, facilities available (Library, laboratories, sports, internet, language labs etc.) and traditions (Morning Prayer, yoga, meditation) practiced in the two institutions.
- ✚ The College has been a part of the **TERI** sponsored Tetrapack youth initiative program and various orientation programs and lectures are being attended by the students and teachers involved. Minor project with fellowship was also sanctioned to some students and were successfully completed.
- ✚ **To aid academic innovations the college all** relevant facilities like Library, Laboratories and network facilities in the campus. The college has been

successful in establishing two specialized centers with generous technical and financial help from the DBT, Ministry of Science & Technology, and Govt. of India. In 2005, the college was declared a Centre for Excellence by the DBT, GoI.

- ✚ **The Yellapragada Centre for Science & Innovation:** The college was awarded the DBT-Star College scheme in 2010 and was successfully promoted into the Star College Status in 2014. As part of the initiative, the college has developed a state-of-the-art center that houses several scientific instruments routinely used by the staff and students for research as well as for classroom teaching.
- ✚ **DBT-BTIS net funded Bioinformatics Infrastructure Facility (BIF):** BIF has been awarded by the DBT to promote Bioinformatics research and teaching at undergraduate level. The objective of the Centre is to excite students to study Biology through a Bioinformatics platform. It is the first Bioinformatics Centre established in the DU and North India for the benefit of training students at UG level.
- ✚ Apart from a good collection of prescribed text books, to facilitate research at undergraduate level our **library** has a very good collection of journal and popular magazines. The library is housed in the ground floor and is thereby easily accessed by PWD students. The library of the college is fully automated using Libsys as multiuser package with Smart card / Barcode Technology. It is a well stocked library with Open access system that gives students and faculty hassle free access to E-Resources (E-Journals, E-Books & online databases by UGC-Info Net Digital Library Consortium & N-LIST). The Wi-Fi internet connectivity with 1GBPS broad band speed ensures that there are no technical glitches coming in the way of our young researchers.
- ✚ Located in the heart of the city, SVC is placed in the vicinity of UDSC that has well equipped laboratories and specialized centres for advanced research at academic institutions. We have within a radius of 8 km national research institutes of high repute such as NII, NIPGR, JNU, NPL and ICGEB. The Faculty and staff are encouraged to interact with eminent researchers and scientists in these institutes. Such interactions have successfully fostered small collaborative research projects. The college encourages students to use the Central Instrumentation Facility of UDSC and the UDSC Central Library. Through the NKN, the students also have access to E-Journals and Publications.
- ✚ **Academic Success** see Criterion III
- ✚ The College has not yet established any centre for the institute- industry interface. However the college has adopted the following mechanisms to interact with the industry.
- ✚ **Industry interface through Placement Cell** - that interacts with several industries for UG employment opportunities for the students. With a dynamic Placement Cell SVC astutely gauges the tenor of the industry and ensures that not only the student have the potential of being employed but also that the best in the industry are invited to the campus for recruitment every year. Our good reputation in the industry has ensured that now organisations such as

Deloitte are permanent recruiters in our campus every year. The cell is responsible for conducting special sessions wherein eminent speakers/educationalists from the various industries are invited to share information and knowledge on the various opportunities available in higher education and the employment sector. Final year students submit their application for jobs to the placement cell which is placed before the recruiting companies. Students normally go through a multilevel screening before final selection. Various seminars related to resume writing skills, communication skills and employability checks have been organized by the Placement Cell. Each department also conducts counselling session on higher educational opportunities in India and abroad. The department committee headed by the TIC is responsible for timely dissemination of information relating to entrance examinations, provision of letter of reference/recommendation for study abroad. Year wise list of students selected against number of applications are given below.

Year	No. of Applications	No. of Placements	Percentage (%)
2010-11	60	45	75
2011-12	75	58	77
2012-13	85	75	88
2013-14	95	70	73

- ✚ **Entrepreneurship Cell – ASCEND** that coordinates entrepreneurship and innovative activities in the campus by promoting academia –industry interface.
- ✚ **Members in the Advisory Council-** of the PGDMBT funded by DBT that includes a member from the Industry for valuable inputs from Industry perspective for manpower development.
- ✚ The college also offers three placement oriented courses (see 1.1.7)
- ✚ **Physical education** see at Criterion V

Administrative Innovations:

To ensure quality assessment and improvement on a regular basis the following practices have been adopted by administration:

- ✚ Periodic self-assessment by staff and departments involving discussion of results and teaching progress.
- ✚ Ensuring student satisfaction by obtaining student feedbacks through direct verbal one on one interaction between staff and students, form based feedbacks and interaction with the principal.
- ✚ The college has a Student counseling and Grievances cell so that student problems can be addressed.
- ✚ The admissions in SVC are facilitated online. The Fee payment can also be made online. The web portal of SVC is www.svc.ac.in. The site has a link for student administration, and web access is available to all so that information

about college activities and infrastructural facilities are accessible to the Public.

- ✚ The college has a well laid-out website. With its emphasis on photographs and links, the homepage is engaging, neat and easy to navigate.
- ✚ The website offers an insight into student life with which visitors can connect. It is communicating information to existing students, parents, teachers and even Contractors. Quotations for developmental work are provided as hotlinks on the homepage so that they are not missed by contractors providing for maximum transparency. Students have been provided with individual user IDs and passwords so that they can pay their fees and fill up exam forms online. The teachers can upload attendances and internal assessments online which can be viewed by the students, so that they can keep a track of their internal assessment uploaded by teachers online. The college also provides facility for a webmail.
- ✚ There is an enabling unit (Resource Centre for the Visually Impaired) in the Library premises which has disabled friendly laptops. This unit is also facilitated with a Lix Scanner, which can convert any document into voice commands. Visually impaired students are provided with all technological support required for pursuit of academic excellence. Computers, scanners, Braille books, audio players are all easily available
- ✚ The college has also distributed laptops to all the disabled.
- ✚ The college has Ramps at key entry and exit points for the convenience of the Physically challenged.
- ✚ The hostel has provided an excellent environment for education, social interaction and sports for the PWD students. Special care is taken to allot ground floor rooms, create a buddy system for room-mate allotment, and special care is extended to them. PWD students accompany hostel trips and participate whole heartedly in all hostel activities
- ✚ With academic year 2013 began a trend of setting up a Help Desk for the PWD students during admission time. This was a very valuable intervention and was successful in guiding the students and helps them alleviate various problematic areas.
- ✚ The EOC students regularly take part in various events, both in Delhi and outside and the college always arranges transport for hassle free commute.
- ✚ Parental involvement has been promoted. An orientation program is conducted at the beginning of the year for parents of new students enrolling in the college. Parents are also invited to attend cultural programs organized by students of the FAA during seminars, conferences and the college festival.
- ✚ Decentralization of power is ensured in all college activities by distributing the work under various associations comprising of a convener and members from both the staff and students.
- ✚ Infrastructural Innovations: See criterion III.

7.3 Best Practices:

7.3.1 Elaborate on any two best practices in the given format at page no. 98, which have contributed to the achievement of the Institutional Objectives and/ or contributed to the Quality improvement of the core activities of the college.

Best Practice: I

1. Title of the Practice:

sarve bhadrāṇi paśyantū (May all look for well-being of others)

- 2. Goal:** At the end of life we will not be judged by how many diplomas and degrees we have received, how much money we have made, how much great things we done. We will be judged by “I was hungry, and you gave me something to eat, I was naked and you clothed me. I was homeless, and you took me in.” Keeping this ideal in mind the best practice of SVC is *sarve bhadrāṇi paśyantū*. (*Bṛhadaranyakopaniṣad 1.4.14*). This practice is in the alignment of the vision and mission of the college as stated in 1.1.1 i.e. **Universal Approach to Life** of Vedic wisdom.

The **underlying Principles** have been a belief in the karma theory of Indian Wisdom as:

- ✚ There is a network of causal relationships that maintains the rationality of this world that makes it suitable for healthy co-habitation.
- ✚ Knowledge bears fruit when it is applied.
- ✚ Education becomes meaningful only when the educated is able to apply the principles learned to practical life.
- ✚ In the words of Mahatma Gandhi “The best way to find your self is to lose yourself in the service of others.”
- ✚ Keeping these ideas in mind SVC educates and grooms the pupil to be sensitive to all creatures on earth. Everyone should be preaching the harmonic living. In society, be they differently abled or belonging to socially/ economically weaker sections; the plant or animal kingdom etc. the college implements a variety of events throughout the year that familiarizes the campus community with the social reality beyond the college walls and teaches them to embrace every individual in society with empathy and respect.

3. Context:

The design is conceptualized at an increasingly diverse student population on many parameters including region, gender, language, socio economic background, physical features and factors etc. that has traditionally and conceptually prevailed in the world ab initio. The present society consider these factors separately and treat them on different levels by providing some worldly benefit to some and deprive the others. As a result too much disparity can be seen in society. At SVC:

- ✚ Emphasis is given on equality. All creatures in this universe are the creation of God and God does not differentiate anybody on any plane as he is full of compassion.
- ✚ The temple at the main entrance of the college reminds this teaching at day today practice, as all faculty, non-teaching, students and guests, who visit the college pay reverence to him in the same manner.
- ✚ Adopting and obeying the national policy, college has its own standard to address this problem, most specifically on spiritual plane.
 - For example, in 2015, thirty years of committed, continuous work to empower women and men to take up positions of responsibility through rigorous training in **gender sensitizations**, leadership, organizational skills and a clear understanding of social realities in our society. The College has extended all its facilities/ activities to students, teaching and non-teaching staff and their families.
 - In a unique effort, it has reached out in full measure to the community outside the college campus by extending **education to the neighborhood**. It has dealt continuously with common- issues, individual's rights and his/ her contribution to society. In this respect all the people, irrespective of their gender, age, caste or socio-economic background have been sensitized over the years.
 - The college stands by the principle that educational empowerment and other important societal benefits should be allocated based on an individual's strength and weaknesses and not on immediate traits, stereotypes, or other irrelevant characteristics. To address these issues the college has 3 full-fledged societies that work throughout the year to achieve these goals. These are
 - ✓ The Women Development Cell (WDC): SVC SHAKTI
 - ✓ The Equal Opportunity cell (EOC): HUM SAB EK HAIN
 - ✓ The Social Service Society: PARIVARTAN (meaning - Change)
 - ✓ For detail see 1.3
- ✚ The collaborative initiative of all the three societies aspires to introduce the students, staff, karamcharis, to the diversity and oneness of all people and to fulfill the constitutional mandate of a secular society/nation. Students are taught how communal, racial and gender conflict can be reduced through understanding and empathy.
- ✚ The initiative also works towards creating opportunities for learning and improving grades and empowering the undergraduates through enlightened career choices On the completion of the programs students are made to write essays on their experiences, which are then selected for publication in the college magazine and the society (WDC, Parivartan, EOC) newsletters.
- ✚ They are also asked to make presentations in classrooms during teaching of literature, where linguistic plurality and diversity of the country is discussed. Foreign students are especially encouraged to participate in these programs.

4. The Practice :

- ✚ The **Parivartan Society** aims:

- To familiarize students with social issues and development processes taking place around them so that the education imparted through classroom teaching extends to encompass the wider world outside, thus training our girls and boys to take their rightful place as citizens.
- Parivartan believe that education is an all-round development of an individual and unless the individual goes beyond the classroom, he/ she will not be able to make the right career choices, develop analytical skills to recognize the socio economic and political conditions that have gone to create our diverse society. A holistic approach prepares them to commit themselves to any work they undertake.
- Parivartan members have, since 2010, volunteered regularly with NGOs and others. It is made mandatory that all members volunteer four hours a week with an NGO of their choice.
- **Community outreach program:** Right from its inception, the Parivartan has adopted the motto "**Good Fences do not make Good Neighbors: Extending Education to the Neighborhood!!**" Towards this end extensive inclusion of underprivileged children from the neighboring Sri Ram JJ colony has been our committed, collective action.
- Along with SVC-Shakti, Parivartan have launched the '**Each One Teach One Program**', involves holding regular classes/ coaching in English, Mathematics, and Social Studies etc. in the college lawns. Most of the students staying in hostel volunteer themselves for this noble cause.
- A makeshift classroom for migrant construction workers was set up during the construction of the flyover at Dhaula Kuan.
- Another project **JYOTI** was started in the late 90's and continues to date endeavors to teach the children of construction workers, JJ colony (our neighborhood slum cluster), and all other children in the campus. While most NSS/ community development activities take students to slums, we created a space for girls/ young children from the JJ colony to attend/ participate in the activities inside the college campus. The objective of this was to increase aspirations for education, bring together rural crafts people, performers, and musicians and to familiarize urban students who do not have the opportunity to witness such events. Through these programs they get training in leadership, team work, organizational skills, resource management, accountability, budgeting, financing, networking etc.
 - ✓ "Mujhey Jawab Do" was a collaborative theatre effort put up at the JJ colony by Parivartan students, JJ kids, and the children of our non-teaching staff.
 - ✓ "Yeh zindagi na milegi Dobara": Prevention of Cancer enacted at college and DU at competitions organized by University Women's Association- 2012.
 - ✓ "Yeh Dilli Hai", was performed at Nexus and Jagriti Mela- 2013 and NEXUS Inauguration 2013.

- ✓ "Silver Lining" at India International Centre - July 2014, at Prof. Chaman Nahal Symposium.

 **SVC-Shakti** holds:

- Annual melas between Feb-March, especially around Women's day (i.e. 8th March) and are a complete student organized program with teachers as their facilitators. This has been a successful effort at teaching students organizational skills, sourcing, resourcing, budgeting and accounting to our women students as well as the men.
- Theme based Melas like 'Diversity', 'The Child in India', 'Sugrahi' etc. have focused especially on NGO's working with the girl child, women, disability, income generation and sexuality.
- The WDCs community outreach program takes into account the pressing reality of gender discrimination, bias and unequal status of women in all walks of life and thus makes significant efforts to reach out to the community of women and girls outside the privileged environs of the college as well as addresses the problems of girls and other women workers within the college.
- Rural tours to various places are conducted in order to extend the educational inputs beyond the classroom. They aim at understanding the disparity in rural and urban development. Students interact with the rural youth socially, culturally and academically. Culture and languages have often been used as decisive forces to disempowered women.
- Therefore, the WDC has consistently attempted to break down these barriers by bringing together folk, western, traditional, classical music, dance theatre, song and poetry, which speak of and give a voice to women.
- Newsletters are regularly printed to record all events, commitments, objectives and experiences of WDC. The newsletters also help disseminate the message of WDC to a wider audience and impact minds.
- The WDC maintains an internet group to keep in touch with all activities. It also works as an online magazine. Inter-college disaster management training was organized by Dr. Kiran Bedi and her team.

 **EOC: Hum Sab Ek Hain:**

- Organizes various cultural activities for PWD students in the college.
 - ✓ A play –'yeh Dilli Hai' directed by well-known theatre person Ms. Tullika Niyogi was staged at Nexus 2013 inauguration.
 - ✓ Another play-' Peshawar Attack' at Antardhwani (DU Cultural Festival) 2015.
 - ✓ The EOC children actively participate in DU programs like Antardhwani, Annual Sports Day, Gyanodaya Express, and other inter college competitions, etc.

 The **Sadbhavna Tours: Experiencing Secularism** is a collaborative initiative between the WDC, the EOC, and Parivartan- which is undertaken

annually since 2010 helps bring together individuals from all communities , castes and religions; thereby fostering a feeling of unity and nationalism. Everybody want to look for well-being of others.

All three societies:

- Work through a duly elected teacher body together with a duly elected student body and a large group of volunteers.
- Voluntary work with NGOs, Friends of the disabled, UMANG, Can Support, NAB (National association for the blind) , CRY, CARE, Blood connect, Rotary, Lions Club help the students to train in organizational skills, leadership qualities, team spirit, ethical and social commitment and develop a heightened understanding of social inequities.
- The student groups also work with a few selected NGOs which works particularly with women and children. This helps us with logistics and collaborative benefits during field trips, exchange programs, newsletter production, etc.
- Some of the NGOs with which we are associated are: The Gramin Foundation-Jehnabad, Bihar YUVATI (Youth Under Voluntary Action For Transformation of India) , SAHYOG, Jaipur DIL SE, New Delhi ACTION INDIA, SAKSHAM, AAROHAN, SAVE THE CHILDREN', BLOOD CONNECT, NAYA SAVERA and THE EDUCATION TREE etc.

5. Evidence of Success:

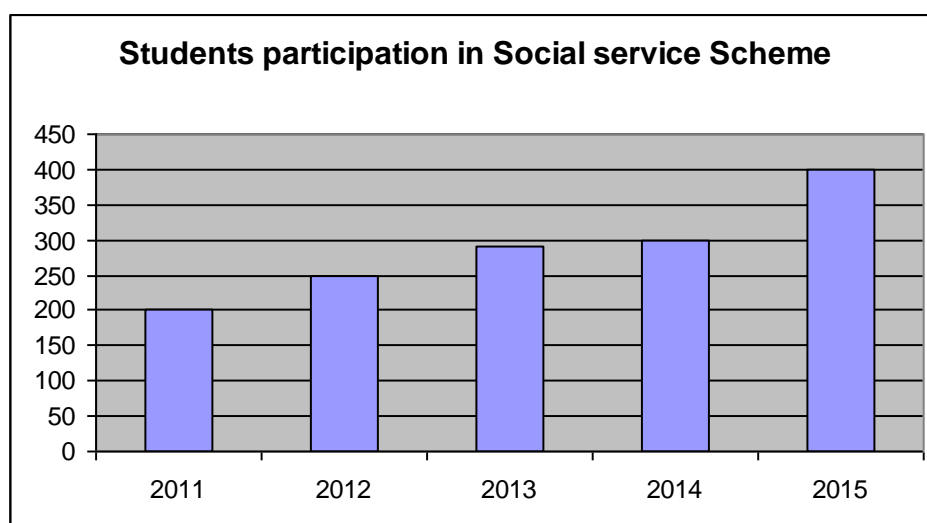
Following are the evidence of success by *sarve bhadraṇi paśyantū*:

- The students became more enthusiastic with the sense of having at first hand observation and working with the socially deprived and economically weak section which they had only read in text books.
- The students literally move from ignorance into knowledge with a great confidence to take their place in society as responsible citizens.
- The contribution of women in the cultural life of our society finds ample place in these Melas/ festivals. Puppeteers, Folk singers are invited to bring our traditional rural culture inside our campus. These interactions have also heightened the need to promote our crafts and folk people.
- The economy generation activity creates opportunities for both seller and buyer. With a large number of footfalls, these women are able to enhance their income as well as find increased interest in their wares and get ideas to improve the economic value of their products.
- The presence of NGO's working for the welfare of women, children, under privileged and the disabled has had all our students interested in volunteering some hours to these NGOs. They are also familiarized with the pressing social conditions, thus inspiring many to take careers in politics.
- Theme based melas highlight and address a particular urgent issue e.g. Child Abuse, Ethnic violence, Women and violence and empowerment.

- Many of our students bear testimony to the choice of career, their success in the exams and interviews and the kind of commitment and understanding they bring to their chosen courses to their training in WDC, Parivartan, and EOC.
- It is heartening that one of the volunteers – Ms. Apoorva Dubey (student of English Hons.), now a Civil Servant, attributes her success to the work she put in at "Parivartan".
- Students learnt the realities of our societies, which no TV, cinema or textbooks tell them about. It sensitized them to impoverishment, malnutrition, deprivation, and returned more determined and empowered to make changes.
- Visiting famous historical and religious places Hindu and Buddhist open their minds to our Indian traditions.
- Young rural girls had the unique opportunity of visiting a premier DU college like SVC and interacting, living with our students. This has enhanced their aspirations for higher education.
- The college has, over the years, consistently invited young girls and boys from our neighboring JJ colony to collaborate in theatre and cultural and health related programs. Today, many have entered universities and joined the army.
- In sports, Naseer from the Shri Ram JJ Colony underwent training with the Cricket Sonnet Club through the WDC, SVC. This encouraged him to allow his sisters to participate in cultural functions and go in for higher education.
- Its objectives have truly impacted the community within the college and outside by showcasing scientific research, published books, research in humanities and social sciences, conferences attended, case studies, interviews with key researchers, thus breaking the stereotype of the woman as mother, daughter, wife and classroom teacher. It also carried articles on tours, field trips, seminars, workshops etc.
- PWD students got an opportunity to express views, organize events, make presentations, meet invitees, interact with fellow students from other colleges, enjoy an increased sense of community as well as be a part of mainstream University life.
- An inclusive atmosphere enhances ability. Since all seminars invited at least two parents to speak of how they brought up their child, teachers and others learnt to extend the same concern in the classrooms/ campus. Visibly, PWD students improved in academic performance, leadership qualities, team spirit, good manners, etiquette and hospitality. There was less marginalization and more inclusion.
- Special Workshops to train/ expose/ sensitize teachers towards the academic requirements of visually/ hearing impaired students, has enhanced academic performance among PWD students. At Antardhvani DU Cultural Festival, 2012, 2013, 2014, the EOC, SVC has made the most impact by its special program on creating awareness of visual impairment. Today, EOC, SVC is well recognized all over the

University for its dedicated work and commitment towards PWD students.

- The EOC has taken special initiatives to support PWD teachers. Encouraging PWD teachers to move around the campus, sensitizing students to support such teachers by escorting them to their classroom and back, by encouraging PWD teachers to make presentations, organize programs, and participate in all institutional activities.: "Such a Long Journey" and 'Meri Kahani, Meri Zubani', will include narratives of PWD people/ students on how they overcame disability.
- The students interacted with rural children through the aegis of The Gramin Foundation and YUVATI. Debates, performances, local tours, field trips- cooking and eating together, travelling together, visiting historical and religious places, and attending weddings in far flung rural areas together with rural youth lessened the wide gap between the two worlds.



6. Problems Encountered and Resource Required:

- ✚ The lack of awareness among under privileged about meetings, hesitation to share their problems with volunteers and teachers is a major problem.
- ✚ The overall lack of development and the large scale deprivation of educational facilities, the lack of nutrition and leisure/ sports activities were glaring.
- ✚ Continuous supervision is required up to the last detail, failing to which purpose of welfare can be defeated.
- ✚ Too much discrimination on societal level in India in present democracy, many times disappoint the volunteers' enthusiasm.
- ✚ Less time due to semester pressure.
- ✚ Financial resources required for a complete overhaul of access system and technologically up-gradation on day-today basis.

Best Practice: II

1. Title of the Practice:

rasam hyeyam labdhvā ānanadībhavati (Attaining Rasa Man becomes Blissful)

2. **Goal:** The education, which only creates people who can earn their livelihood without giving any insight into living itself, is not only incomplete; but harmful too – because it is based on blind competitions. This type of competition is violent deep down, and creates people who are unloving. SVC works on different theory by honoring the words of learned educationist Dr. S. Radhakrishnan, Former President of Indian Republic, who spoke in his Inaugural Address at the Foundation Stone Laying Ceremony of this college: *mana ānanandam, śānti samṛddham*. which means that the aim of education is: ‘there should be satisfaction and abundance of tranquillity in mind’ (*manas*). Accordingly the second best practice at SVC is ‘Attaining Rasa Man becomes Blissful’.

The **underlying Principle** of this best practice is the firm belief in concept of Taittiriya Upanisad *rasam hyevam labdhvā ānanadībhavati* (2-7) as:

- ✚ That if a person cannot realize the rasa, he cannot realize the truth, or may not initiate the path of truth to follow and may be a person devoid of ethical values.
- ✚ The whole effort in present is to be the achievers: of fame, of name, of all kinds of ambitions- obviously the pupils have to struggle and be in conflict with them. That destroys their joys and that destroys their friendliness to mankind and nature.
- ✚ In this system, education becomes goal oriented: what you are learning is not important and examination becomes more important which comes semester after semester. It makes the future important – more important than the present. It sacrifices the present for the future. Later, it becomes the style of life.
- ✚ In the words of Einstein: “The ideals which have lighted me on my way and time after time given me new courage to face life cheerfully have been Truth, Goodness and Beauty.” (“What I Believe”, Forum and Century, 1930)
- ✚ Not everything that counts can be counted and not everything that can be counted counts.
- ✚ SVC takes pride in promoting and nurturing the creative and aesthetic aspirations of the students, in the existing education system. The college opens avenues where the students are able to express, explore and hone their aesthetic abilities.
- ✚ Also the college creates a platform where in value-based programs are organized that help build ethical consciousness and promote integrity within the student which would help them in any field that they wish to embrace when stepping out into the world.

3. Context:

SVC focuses not only the students' success in DU examinations but nurture them in day today value system of this great country of sages and seers. Because, the example of great and pure individuals is the only thing that can lead us to noble thoughts and deeds. It is necessary in the present context of the world and of our country that there should be some insistence on cultural, spiritual and ethical values as many of the youth today suffer from a sense of insecurity, a feeling of detachment and exist in a confused state; stuck in an unreal zone between the traditional Indian society and the modern world. At SVC:

- ✚ We believe that all religions, art and sciences are the branches of the same tree. All these aspirations are directed towards ennobling man's life, lifting it from the sphere of mere physical existence and leading the individual towards freedom.
- ✚ We have evolved our own definition of Education, which focuses on the idea of Albert Einstein: "Science without religion is lame, religion without science is blind."
- ✚ To nurture these ideas into practice:
 - Balaji Temple at the entrance of college. (see - Best Practice I, point no. 3).
 - The Cheriya Scroll Painting at college lobby, which depicts the Epic Ramayana. It is a vanishing art form that was recently revived in Telangana. It is the combination of tribal and traditional art forms. Dr. Elchuri Muralidhara Rao and Dr. Inukonda Thirumali have been instrumental in popularizing Cheriya scroll paintings. They conducted research on Cheriya scroll paintings and Srinivasa Kalyanam to formulate a narrative for display at the college foyer. The presentation of this dying art is an inspiration to the youth to look for the contributing ideas and lasting impressions that reflect the ethos of the SVC. The prominent representation of this painting in the Foyer encourages the student to look beyond the simple narrative of the art and reflect on the beauty of its presentation in vivid color and format.
 - The only source of knowledge is experience. Therefore several functions, seminars, workshops of curricular and extra-curricular are organized throughout the year for students and faculty members.
 - Only a life lived for others is life worthwhile. Therefore, emphasis is given on collective work and group presentations etc. At SVC, faculty feels that it is up to us to inculcate in students a belief in self and teach them to function to serve his/her country with integrity and pride.
 - The body, the mind, the spirit and the senses all constitute the nature of the human being and unless all these are proportionally balanced and developed: our education will be both top sided and incomplete. The need of the hour is that, our education should not be merely a source of information and knowledge but should also ensure that values of integrity, sensibility, honesty and decency are imbibed into the student.

The College is a foyer for youth from where they pause and contemplate their role in the Society.

- The aim of this institution is to extend the boundaries of education and bring in old and new cultural influences; thus promoting the imperative national task of emotional spiritual and cultural integration.
- The intuitive mind is a sacred gift and the rational mind is a faithful servant. In general, we have created a society that honors the servant and has forgotten the gift. Therefore, this positive self, needs value based structures, positive environment as well as an understanding of the prompt response mechanisms to tackle the stress that is nowadays a part of life. SVC provides teaching in this direction and counsels the students by appointing counselors.
- Time is eternal and immortal. Man takes birth, lives and dies in the time frame only. You cannot write a big book on any scientific subject and social sciences because by the time your book is complete, it will be out of date; new facts, new discoveries will have made it irrelevant. To honor the time and feeling of timelessness is given by literary meets and cultural activities, which gives the peace and tranquil feelings to an individual.

4. The Practice :

- ✚ The intellectual, cognitive and creative faculties of students are captivated through several literary and performing arts. The endeavor is to make them all-rounders, individuals who are progressive and emotionally balanced.
- ✚ Our students have the opportunity to be part of our FAA, wherein a group of students dedicated to various art forms co-exist. The parent body of the FAA consists of students with great organizational abilities under the leadership of Convener from faculty (duly elected by Staff Council) who, in turn, facilitate their talented peer groups to thrive as artists. FAA is the parent organization of the 09 cultural societies of SVC.
- **Music Society:** Music society is the very vibrant society at SVC and outside college. The society caters rich and famous culture of India and abroad by organizing several Intra and Inter College competitions and participation in other Institutes and has won many laurels. The society is further divided as:
 - ✓ Classical Music: Hindustani and Carnatic
 - ✓ Aalaap: Light Indian Vocal Music, Semi Classical, Folk and Filmy Music.
 - ✓ Crescendo: Western Music Society
 - ✓ Fire Exit: The College Band (Students change the name of the band as per their choice and performances)
- **Dance Society (Nritya):** An outlet of physical energy, grace, rhythm and expression has been one of the major social events that brings

together students, faculty, non-teaching staff and brings joy at SVC. The society has committed and dedicated student dancers who are extremely passionate about their talent and performances. Each year, collectively they work on a theme that highlights social issues and sends a message to inspire and urge people to think. Students of this society also participate at various levels inside and outside the college and showcase their talent. The society is further divided as:

- ✓ Indian Classical Dance – Comprises Bharatnatyam, Kathak, Odissi, etc.
 - ✓ Film and Folk Dance
 - ✓ Verve: Western Dance comprises themes as Hip-hop, Break, Jazz, Contemporary, Popping etc.
 - ✓ Choreography Team - The medium of their dance is contemporary, jazz and theatre.
- **Effulgence: The Film and Photography Society** of SVC, was started in the year 2008 with an aim to promote photography and filmmaking and to support budding photographers and filmmakers in realizing their full potential; irrespective of their existing level of knowledge and skill. Now not only have most of them budded so well but each year new talents are discovered in some classroom of the college where a student has the ability to shoot amazing films or click some extraordinarily ordinary photographs. The photographers go on weekly photo walks and Effulgence regularly organizes workshops to enhance their skills and to improve their understanding of this incredible and rare art form.
 - **Anubhuti: The Hindi Dramatics Society** of SVC represents India, which is a vibrant country and has many faces and voices, both heard and unheard. The society is further divided as:
 - ✓ **‘Nukkad Natak society’** tries to make a true impact in society by raising awareness about social issues and stimulating people to act through the art of street theatre. The members of Anubhuti are a loud, prominent team in the college and they work just about anywhere where they feel the people need to be told about the social issues of India. They believe in entertaining as well as conveying a message to the common man be it a plumber, a beggar, an electrician or any random person walking on the street.
 - ✓ **Verbum, the English Dramatics Society** deals with English Theatre. Acting is what they do, for their own selves and for the audience that is always way too eager to see their performances. The society works towards inducing a passion for theatre among college students and providing them with a platform to express themselves, whether that be through working backstage, designing the set, writing, directing or acting. Each year the society produces at least 2 full length stage plays and participates in competitions across the country and also puts up a ticketed show open to the general public. The society looks to create a

happy atmosphere within which students not only hone their craft but also learn discipline, teamwork, become more confident and make friends for life.

- **Conquitzadors: The Quiz Society** of SVC has continuously grown both in terms of the awards it wins, and the number of members from the last four years, it. Being staunch believers of the power of knowledge the society participates in quiz competitions across DU and other Universities and Colleges in the NCR and occasionally in other cities and states too. Apart from this, they internally organize quiz sessions for practice and so every member is on his toes! The society truly plays an important role in adding trophies to our shelf every year.
- **Leonci: The Creative Arts Society** provides a platform to artists of all genres, to display their talent in and outside our college, striving each year to take in members who specialize in diverse types of creative arts, be it painting, sketching, sculpting, origami, rangoli making or digital painting. They host workshops focusing on different genres of art to train their members and other interested students, and also organize their own inter-college fest and workshop.
- **Debating Society:** A very active society of SVC, which encourages the students for various debating techniques, orient them with logic and language. The society conducts various Intra and Inter College Competitions throughout the year. The society is further divided as:
 - ✓ English Debating Society
 - ✓ Hindi Debating Society
 - ✓ Sanskrit Debating Society
 - ✓ Tamil Debating Society &
 - ✓ Telugu Debating Society
- **Magazine & Wall Magazines:** (Refer 5.)
- ✚ The **College Campus:** an epitome of **Beauty/Aesthetics:** The institution not only inculcates the sense of discipline and professionalism but also aims at giving the feeling of ownership and pride about the college. The Ambience is maintained through lush green Campus and well maintained infrastructure. Our Rock Garden and front lawns are sought after places for the students where they have some respite and solace from the fast paced technology driven life that they are pushed into.
- ✚ **NEXUS** - The Annual Cultural Festival of SVC, is a grand three day fiesta that a large number of students from reputed colleges of DU, BITS and IITs across the country enthusiastically participate in. The festivities range from competitions in the field of Debating, Creative Writing, Dramatics, Music, Dance, Painting, Photography and cultural extravaganzas like Star Performances, Choreography, Razzmatazz etc. Through the tireless efforts of some of the most talented and arduous students and staff of the College, FAA has been able to bring NEXUS to its zenith.
- ✚ **Yoga and Meditation:** The Sports department runs the daily Yoga

classes for good health and Mind. SVC has a belief that balance of body, mind and Intellect are the key to success. The students of Sanskrit and Sports take keen interest in these activities and a number of camps are organized by them on Yoga and Sahaj Yoga.

- ✚ Along with this, various intra & Inter-college literary and cultural events are organized by almost all the departments every year.

5. Evidence of Success:

- ✚ Following are the evidence of success by *rasam hyevam labdhvā ānanadībhavati*:

- Mr. Ashish Tyagi student of B.A. (Hons.) Sanskrit represented India on International Yoga Day i.e. 21st June 2015 at Bankok. He also performed in Valedictory function at DU Cultural Festival - Antardhwani and received lots of praise and commendation.
- FAA has been crowned as the Best Fest Organizing Committee at the HT Youth Nexus, consecutively for two years, i.e. 2013 and 2014.
- SVC Inter College Cultural Festival 'Nexus' was ranked as the 2nd best in DU by DU Beat, and in 2014, we were included in the list of Best Party Colleges of India where we ranked number 7 (V Channel).
- In the past, Alaap has achieved many accolades, bagging prizes in various inter college events - IIT Delhi, AIIMS, IIT Kanpur, Lady Shri Ram College, Kamla Nehru College, Miranda house, SRCC, Hansraj, St. Xaviers (Kolkata) among many other top college of the country.
- In 2014-15, Alaap was recognised as the best society in DU for winning the maximum number of competitions.
- Crescendo has achieved numerous wins not only in the highly competitive DU circuit, including major colleges like Lady Shri Ram, Hansraj and JMC, but also at prestigious events in BITS Pilani and Goa and thus, gaining the reputation of being one of the best western music societies among the top colleges of India.
- Nritya has achieved many accolades in the past four years. Naming a few, 1st position at LSR, Gargi and IIM Bangalore (2012). It received 2nd position at IIM Ahmedabad with ₹25000 cash prize and 3rd position at BITS Goa (2014). Also, they were adjudged winners at DU fest Antardhwani. (2015).
- The Dance Society also won over 18 competitions in the past 3 years. In the folk dance competition at DU, Nritya has won first position at Satyawati college, second position at Kamla Nehru, Jesus and Mary, Mata Sundari college for women and Indraprastha college for women and it has won third position at St. Stephen's college. In the solo classical dance competitions Nritya has won first position at Hindu college, second position at Gargi college and third position at Delhi Technical University in the competitions of year 2014-2015.
- Verve, the western dance society was declared the best western dance society for 2 straight years by DU Beat, HT City and Fever 104 FM

channel Verve was invited to perform at Formula One Race in the year 2013. It stood first in the hip hop international prelims of 2014 and also represented Delhi in the finals of Channel V Nokia India Fest, Goa (a national level competition). Verve stood first in IIT Kanpur fest in 2012 and 2013 and then again bagged first position in the IIT Delhi fest, Rendezvous '14.

- In the year 2014-15 Effulgence won first place at IIT Delhi on the spot photography competition, 2nd position at BITS Pilani for a short film, 2nd place at Jesus and Mary college photography competition among a few other winning positions. The Filmmakers of the society also take part in short filmmaking competitions and have won many prizes in the annual fests of various colleges.
- Anubhuti, in the year 2013- 14 won 2nd prize at ITM Gurgaon, got selected for finals of Mood Indigo at IIT Mumbai and performed in the streets of Delhi for Tehelka Foundations. In 2014-15, Anubhuti chose 'suicide' as the topic of the year and plays based on it won 2nd prize in IMI, New Delhi and ITM, Gurgaon. They also performed for NGO Education Tree, performed in National School of Drama as a part of the International Bharat Muni Rang Mahotsav and gave over more than 35 performance of that year alone.
- In 2011-12, Verbum wrote and presented 'Pulp' which won Best Play at Kamala Nehru College, Gargi College, Hindu College; 2nd Best Play at Dyal Singh College and Jesus & Mary College; Best Actor at Gargi College and Dyal Singh College; and also won Best Director at Miranda House College. In 2013, Verbum wrote and presented 'The Loophole' which won 2nd Best Play and Best Actor at BITS Pilani. Verbum presented 'The Goat, Or Who Is Sylvia?' in 2014, which won Best Play at BITS Pilani Goa, Kamla Nehru College, Miranda House, Hindu College and 3rd Best Play at St. Stephen's College. It won Best Actress at Kamla Nehru College, Miranda House and Hindu College along with Best Actor at Hindu College and Kamla Nehru College. It was also chosen to be performed at the National Centre for Performing Arts in Mumbai, the Old World Theatre Festival at the India Habitat Centre, and the Atelier's Campus Theatre Festival.
- In various Quiz competitions our students have been winning prestigious competitions ranging across diverse categories, with a total of over 200 wins at events like the St Stephen's Freshers Quiz (which we have been winning for the last three years) and their Annual Quizzing Championships hosted by Shri Shashi Tharoor, LSR Quiz, IIT Delhi Quiz Fest, Hansraj Quiz Fest, Jesus and Mary College, Gargi College, IIT Kanpur General Quiz, Intel-Aeon General Quiz, ITS Young Talent Hunt and many others.
- In Creative Arts the consummate members have left their marks on the glittering art events of DU like KMC, JMC, SRCC, and LSR. Other colleges like MAMC and Asia's largest fest none other than Mood Indigo conducted by IIT-BOMBAY has witnessed not just their

participation but even their triumphant victories in the midst of extremely tough competition.

6. Problems Encountered and Resource Required:

- ✚ The lack of time and common free time for any group for rehearsals is the major problem faced by students, due to semester classes and different time table for different classes.
- ✚ Extra effort is required to attract the students to learn and understand Indian Cultural Values in this fast changing life of media and internet.
- ✚ Many times, less financial resources obstruct the students for participation in other states and countries. Shortage of space and infrastructural facility restrict their rehearsals and practice.
- ✚ Diversity of students with their traditional values many times obstructs the philosophical and spiritual growth embedded with Indian traditions, due to certain prejudices.
- ✚ The materialistic nature of common man e.g. atheists, irreligious etc., who believes that man is determined by social, economic and political situations is becomes a hurdle or takes a long time to understand the teachings and values of Indian wisdom.

7. **Notes (Optional):** The SVC promotes fine arts as creation of rasa (literary sentiments, emotions etc.) in which the hand, the head, and the heart of man go together. A great artist Pablo Picasso said: “The purpose of Art is washing the dust of daily life off our souls.” The hope of the future can only be referenced through an understanding of the radiant past. Vedic wisdom gives an opportunity to the student or learner to take pride in intellectual repository of Indian culture and college has chosen this road to attain knowledge with spiritual values as the target of life is – ‘Know Thyself’.

7. Contact Details:

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SRI VENKATESWARA COLLEGE

**EVALUATIVE REPORTS
OF THE DEPARTMENTS**

EVALUATIVE REPORTS OF DEPARTMENTS

**SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)**

LIST OF DEPARTMENTS

Name of Department
BIOCHEMISTRY
BOTANY
CHEMISTRY
COMMERCE
ECONOMICS
ELECTRONICS
ENGLISH
HINDI
HISTORY
MATHEMATICS
POLITICAL SCIENCE
PHYSICS
SANSKRIT
SOCIOLOGY
STATISTICS
TAMIL
TELUGU
ZOOLOGY

EVALUATIVE REPORT OF DEPARTMENT OF BIOCHEMISTRY

1. **Name of the Department :** BIOCHEMISTRY
2. **Year of Establishment:** 1989
3. **Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
The Biochemistry Department offers following Programs/ Courses:
 - a) UG: Bachelor in Science (Hons) Biochemistry: Three year course
 - b) PG Diploma in Molecular and Biochemical technology: One year course
4. **Names of Interdisciplinary courses and the departments/units involved**
Department of Biochemistry participates in the teaching of B. Sc. (Hons) Biological Sciences
5. **Annual/ semester/choice based credit system**
UG First Year: CBCS; Second Year: TYUP ; Third Year: Roll back FYUP
6. **Participation of the department in the courses offered by other departments**
Department of Biochemistry has been participating in teaching the following courses:
 - a) B.Sc. (Hons) Biological Sciences
 - b) B.Sc. (P) Life Science
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Nil
8. **Details of courses/programmes discontinued (if any) with reasons**
Nil
9. **Number of Teaching posts**
Kindly refer for details in Table 7 of SSR
10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**
The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	Years of Experience		No. of PhD students guided
				Teaching	Research	
Dr. P. Hemalatha Reddy	M.Sc, Ph.D	Principal	Molecular Biology, Biochemistry	27 years	-	02 (Awarded)
Dr. Meenakshi Kuhar	M.Sc, Ph.D	Associate Professor	Molecular Biology, Bioenergetics	25 years	-	01 (Submitted)

Dr. N. Latha	M.Sc, Ph.D	Associate Professor	Immunology, Protein Biochemistry, Bioinformatic s	25 years	-	02 (01 Awarded, 01 ongoing)
Dr. Anju Kaicker	M.Sc, Ph.D	Associate Professor	Immunology Biochemical Techniques	24 years	2 years	Nil
Dr. Nandita Narayanasamy	M.Sc, Ph.D	Associate Professor	Genetics, Physiology, Metabolism	23 years	-	01 (Submitted)
Dr. Shalini Sen	M.Sc, Ph.D	Associate Professor	Molecular Biology, RDT	11 years 8 months	3 years 5 months	Nil
Dr. Vandana Malhotra	M.Sc, Ph.D	Assistant Professor	Molecular Biology, RDT, Microbiology	3 years 1 month	8 years 11 months	Nil
Dr. Kameshwar Sharma YVR	M.Sc, Ph.D	Assistant Professor	Protein Biochemistry, Enzymology	5 years 1 month	-	Nil
Dr. Nimisha Sinha	M.Sc, PhD	Assistant Professor	Molecular Biology, RDT	1 year 4 months	1 year 8 months	Nil
Dr. Nitika Kaushal	M.Tech, Ph.D	Assistant Professor	Immunology, Microbiology	3 years 11 months	-	Nil
Dr Sarika Yadav	M.Sc, Ph.D	Assistant Professor	Protein Biochemistry, Molecular Cell Biology, Enzymology	2 years 4 months	-	Nil
Dr. Ravindra Varma Polisetty	M.Sc, Ph.D	Assistant Professor	Biochemical Techniques, Protein Chemistry	1 year 2 months	1 year 4 months	Nil

11. List of senior visiting faculty

Presently Nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Programme	2010-11		2011-12		2012-13		2013-14		2014-15	
	T	P	T	P	T	P	T	P	T	P
B.Sc. (H) Biochemistry I st yr	50	50	50	50	50	75	40	50	Nil	Nil
B.Sc. (H) Biochemistry II nd yr	50	50	50	50	45	3	60	88	Nil	Nil
B.Sc. (H) Biochemistry III rd yr	50	50	50	50	20	50	30	38	Nil	Nil

*T and P stand for "Theory" and "Practical" Classes, respectively

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 12		Total No. of Students				Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.	Total	
1.	B.Sc. (H) Biochemistry	36	38	29	103	In Hons. Course- 1:09
2.	Generic Elective	27	--	--	27	Other than Hons Course 1:09
3.	B.Sc. (H) Biological Science	---	45	--	45	
4.	PG Diploma in Biotechnology	28	--	--	28	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

The required details are tabulated below from 2010-2015:

YEAR→ POSTS ↓	10-11		11-12		12-13		13-14		14-15	
	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted
Technical Assistant	1	1	1	1	1	1	1	1	1	1
Lab Assistants	4	4	4	4	4	4	4	4	4	4
Lab Attendants	3	3	3	3	3	3	3	3	3	3

15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 12

Kindly refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Kindly refer to point no. 17 for details.

17. Departmental projects funded by DST- FIST, UGC, DBT, ICSSR, etc. and total grants received

Undergraduate Innovative Projects: Kindly refer Table 8 of SSR

Research Projects:

Name of faculty member	Project	Title of the project	National/ International	Funding Agency	Grant Amount	Tenure
Individual Research Projects						
Dr. P. Hemalatha Reddy	DRDO Major project	Expression of <i>Rv1211</i> in <i>M. tuberculosis</i> during latency	National	DRDO	Rs. 30.00 Lakh	2011-14
	DRDO Major project	Inhibitory studies of trifluoperazine, a calmodulin antagonist in <i>Mycobacteria</i>	National	DRDO	Rs. 20.03 Lakh	2006-2009
	DBT Major Project	A virtual centre for excellence for coordinated Research in tuberculosis: development of alternative strategies for intervention	National	DBT	Rs. 15.00 Lakh	2006-2008
	DBT Major	Cloning and Expression of Calmodulin-like-protein in <i>Mycobacteria</i>	National	DBT	Rs. 11.00 Lakh	2002-2006
Dr. N. Latha	DBT Major project	Creation of Bioinformatics Infrastructure facility (BIF) under the DBT-BTISnet	National	DBT-BTISnet	Rs. 103.2 Lakh	2006-till date
	DBT Major project	<i>In silico</i> analysis of the impact of SNPs/SNP haplotypes on protein structure and function	National	DBT-CoE	Rs. 36.6 Lakh	2008-14
	DST Major Project	Computational Assisted Design and Synthesis of Novel Antimalarial Agents Embodying Structural	National	DST	Rs. 36.09 Lakh	2014-17

		Diversity Suitable for Protease Inhibitors				
	India-Belarus International Project	Contributions to Bioinformatics and Nanomedicine: Computational, Biochemical and Biophysical Evaluation of new small peptide and fatty acid derivative as well as their self assembled nano structures as molecular weapons to infectious diseases.	International	DST	Rs.4.68 Lakh	2014-17
Dr. Vandana Malhotra	DBT Major Project	High-Throughput substrate profiling of <i>M. tuberculosis</i> Protein Kinase K	National	DBT	Rs. 44.00 Lakh	2015-18

18. Research Centre /facility recognized by the University

Nil

19. Publications:

The details of Books and Research publications authored by faculty members are given below:

Books

Faculty Name	Books/Chapters Authored	Title	ISBN number
Dr. N. Latha	Book	In Silico Trends in Thermodynamics and Kinetics of Binding– Molecular Simulations for De Novo Drug Design– A book review prepared & submitted for a monograph on Recent Trends in Chemistry (Ed. Dr. M. M. Srivatsava) Discovery Publishers, 2003	ISBN 81-7141-660-0
	E-chapter	Chapter Unit on- Applications of Bioinformatics prepared as course material for undergraduates under Virtual Learning Environment, Institute of Lifelong Learning, University of Delhi (2013)	-
	Chapter	Chapter Unit in Bioinformatics as Study material for postgraduates in IGNOU, New Delhi (2013)	-
Dr. Nandita Narayanasamy	Book	Journey of science through time- The Learning Curve: An Asim Premji Foundation Publication, Issue XII, April 2009	ISBN: 8170119375

Research Publications:

Faculty Name	Publications	ISSN	Impact Factor
Dr. P. Hemalatha Reddy	Meeta J Advani, Malini Rajagopalan and P Hemalatha Reddy (2014). Calmodulin-like protein from M.tuberculosis H37Rv is required during infection. <i>Sci Rep.</i> 4:6861 doi. 10.1038/srep06861 .	ISSN: 2045-2322 (online)	5.578
	Advani M J, Sidiqqi I, Sharma P, Reddy H (2012). Activity of Trifluoperazine against Replicating, Non-Replicating and Drug Resistant <i>M. tuberculosis</i> . <i>PloS ONE</i> 7(8):e44245 doi:10.1371/journal.pone.0044245	ISSN: 1932-6203	3.53

	Sunaina Koul, Aruna Somayajulu, Meeta J Advani and Hemalatha Reddy (2009). A novel calcium binding protein in <i>M. tuberculosis</i> –potential target for trifluoperazine. <i>IJEB</i> , 47(6):480-8	ISSN: 0975-1009 (Online) 0019-5189 (Print)	0.753
	Reddy P T, Prasad C R, Reddy P H , Reeder D, McKenney K, Jaffe H, Dimitrova MN, Ginsburg A, Peterkofsky A, Murthy P S (2003). Molecular cloning and expression of the gene for a novel protein from <i>Mycobacterium smegmatis</i> with the functional similarity to eukaryotic calmodulin. <i>J. Bacteriol</i> 185(17):5263-8	Print ISSN: 0021-9193; Online ISSN: 1098-5530	2.688
	Burra S, Reddy P H and Murthy P S (1995). Effect of some antitubercular drugs on the calmodulin content of <i>Mycobacterium tuberculosis</i> . <i>Indian Journal of clinical Biochemistry</i> , 10 (2):126-128	ISSN: 0970-1915(Print) 0974-0422 (Online)	
	Reddy P H, Sastry S Burra and P S (1992). Murthy Correlation between calmodulin like protein, phospholipids and growth in glucose grown <i>Mycobacterium phlei</i> . <i>Canadian Journal MicroBio</i> 38(4): 339-42.	ISSN: 0008-4166 (Print), 1480-3275 (Electronic)	1.221
	Sastry S, Reddy P H , Falah S, TAV Subramanian and P S Murthy (1991). Calmodulin like protein and the phospholipids of <i>Mycobacterium smegmatis</i> . <i>FEMS MicroBiol. Let</i> , 64(2-3):189-94.	Online ISSN: 1574-6968	2.121
Dr. Meenakshi Kuhar	K Rajsekar, N Narayanasamy, M Kuhar , S Vaishya, R Shanmuganathan, N Devaraj (2015). Role Of Oxidative Stress In Inducing Apoptosis, Necrosis Or Senescence In Intervertebral Disc Degeneration. <i>International Journal of Multidisciplinary Educational Research</i> , 4(1):114-133	ISSN : 2277-7881	2.972
	K Rajsekar, N Narayanasam, M Kuhar , S Vaishya, S Rajasekaran, N Devaraj (2015). Association analysis of Col9A1, Col9A2, Col9A3, Aggrecan and TNF- α gene polymorphisms with early onset of Disc Herniation in Indian population. <i>International Journal of Multidisciplinary Educational Research</i> , 4(2):1- 37	ISSN: 2277-7881	2.972

Dr. N. Latha	Singh A K, Rathore S, Tang Y, Goldfarb N E, Dunn B M, Rajendran V, Ghosh P C, Latha N , Singh B K and Rathi B. (2015). Hydroxyethylamine Based Phthalimides As New Class of Plasmepsin Hits: Design, Synthesis and Antimalarial Evaluation. <i>Plos ONE (Accepted)</i>	ISSN: eISSN- 1932- 6203].	3.53
	Singh AK, Rajendran V, Pant A, Ghosh PC, Singh N, Latha N , Garg S, Pandey KC, Singh BK, Rathi B (2015). Design, Synthesis and biological evaluation of functionalized pthalimides: A new class of antimalarials and inhibitors of falcipain 2, a major hemoglobinase of malarial parasite. <i>Biorg. Med Chem</i> , 23 (8):1817-1827 doi 10.1016/j.bms.2015.02.029Epub 2015 Feb 26	ISSN: 0968- 0896	1.867
	Jatana N, Thukral L and Latha N (2014). Structure and dynamics of DRD4 bound to an agonist and an antagonist using in silico approaches. <i>Protein: Structure, Function and Bioinformatics</i> . Nov 5. doi: 10.1002/prot.24716	ISSN: 10 97-0134 (Online)	2.921
	Podder A and Latha N (2014). New insights into schizophrenia disease genes interactome in the human brain: Emerging targets & therapeutic implications in the postgenomics era <i>OMICS: A Journal of Integrative Biology</i> , 18 (12):754-766	ISSN: 1536- 2310	2.730
	Podder A, Jatana N, Latha N (2014). Human Dopamine Receptors Interaction Network (DRIN): A systems biology perspective on topology, stability and functionality of the network. <i>Journal of Theoretical Biology</i> , 357:169-183	ISSN: 0022- 5193	2.303
	Antony Michealraj, Nidhi Jatana, Md. Jafurulla, N Latha , Amitabh Chattopadhyay & B. K. Thelma. (2014). Functional characterization of rare variants in human Dopamine receptor D4 gene by genotype - phenotype correlations. <i>Neuroscience</i> , 262:176–189	ISSN: 0306- 4522	3.327
	Nidhi Jatana, Sarvesh Jangid, Garima Khare, Anil K Tyagi and N Latha . (2011). Molecular modeling studies of Fatty acyl-CoA synthetase (FadD13) from <i>Mycobacterium tuberculosis</i> -a potential target for the development of antitubercular drugs. <i>Journal of Molecular Modeling</i> , 17:301-313	ISSN: 16 10- 2940 (pri nt) ISSN: 09 48- 5023 (ele ctronic)	1.867
	Brijesh Rathi, Anil K Singh, Ram Kishan, Neelu Singh, N Latha , S Srinivasan, Kailash C Pandey, Hemandra K. Tiwari, Brajendra K. Singh. (2013). Functionalized hydroxyethylamine based peptide nanostructures as potential inhibitors of falcipain-3, an essential proteases of <i>Plasmodium falciparum</i> . <i>Bioorganic & Medicinal Chemistry</i> , 21:5503-9	ISSN: 0968- 0896	2.951
	Nidhi Jatana, Apoorva Nagarajan, Sonika Malik, Aditya Sharma and N Latha . (2013). Inhibitors of	ISSN: 1875-	-

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	Chandresh Sharma, M A Khan, Teena Mohan, Jatin Shrinet, N Latha and Neeta Singh. (2014). A synthetic chimeric peptide harboring human papillomavirus 16 cytotoxic T lymphocyte epitopes shows therapeutic potential in a murine model of cervical cancer. <i>Immunologic Research</i> , 58:132-138	ISSN: 0257-277X (print), ISSN: 1559-0755 (electronic)	3.327
	Nidhi Jatana, Aditya Sharma and N Latha . (2013). Pharmacophore modeling and virtual screening studies to design potential COMT inhibitors as new leads. <i>Journal of Molecular Graphics and Modelling</i> , 39:145-164	ISSN: 1093-3263	2.022
Dr. Nandita Narayanasamy	K Rajsekar, N Narayanasamy , M Kuhar, S Vaishya, R Shanmuganathan, N Devaraj (2015). Role Of Oxidative Stress In Inducing Apoptosis, Necrosis Or Senescence In Intervertebral Disc Degeneration. <i>International Journal of Multidisciplinary Educational Research</i> , 4(1):114-133	ISSN : 2277-7881	2.972
	K Rajsekar, N Narayanasam , M Kuhar, S Vaishya, S Rajasekaran, N Devaraj (2015). Association analysis of Col9A1, Col9A2, Col9A3, Aggrecan and TNF- α gene polymorphisms with early onset of Disc Herniation in Indian population. <i>International Journal of Multidisciplinary Educational Research</i> , 4(2):1- 37	ISSN: 2277-7881	2.972
Dr. Vandana Malhotra	Vandana Malhotra , Ruchi Agrawal, Tammi R Duncan, Deepak. K Saini and Josephine E Clark-Curtiss. (2015). <i>Mycobacterium tuberculosis</i> Response Regulators, DevR and NarL Interact In Vivo and Co-Regulate Gene Expression during Aerobic Nitrate Metabolism. <i>The Journal of Biological Chemistry</i> , 290: 8294-8309 10.1074/jbc.M114.591800	Print ISSN0021-9258 Online ISSN1083-351X	4.573
	Shaleen korch, Vandana Malhotra , Heidi Contrenas and Josephine E Clark-Curtiss (2015). The mycobacterium tuberculosis relBE Toxin: antitoxin genes are stress-responsive modules that regulate growth through translation inhibition. <i>Journal of Microbiology. (Accepted)</i>	ISSN: 1225-8873 (print version) ISSN: 1976-3794 (electronic version)	1.439
Dr. Kameshwar Sharma YVR	Kameshwar Sharma YVR , Boora N, Tyagi P (2014). Isolation, Purification and Characterization of Secondary structure and	ISSN: 2329-6674.	

Kinetic study of Lipase from Indian Major Carp, <i>Catla catla</i> (catla). <i>EnzEng</i> 3: 121 doi:10.4172/23296674.		
Prasidhi Tyagi and Kameshwar Sharma YVR (2014). Anti-cancer activity of medicinal plants and herbs - A Review. <i>International Journal of Multidisciplinary Educational Research</i> , Sucharitha Publications (Accepted)	ISSN: 2277-7881	2.73
Prasidhi Tyagi, Neelima Boora and Kameshwar Sharma YVR ((2014)) Purification, Characterization and Potential uses of Lipase. <i>International Journal of Biochemistry (Photon)</i> , 195:322-327	ISJN: 4438-5728	4.52
Aggarwal R Kumari, N Mehla, Deepali, R Singh, S Bhatnagar, K Sharma, Kameshwar Sharma YVR , V Amit and B Rathi (2013). Depletion of the Ozone Layer and Its Consequences: A Review. <i>American Journal of Plant Sciences</i> , 4(10):1990-1997 doi: 10.4236/ajps.410247.	ISSN Online: 2158-2750	0.94
Samarth Kulshrestha, Prasidhi Tyagi, Vinita Sindhi and Kameshwar Sharma YVR (2013). Invertase and its applications-A Brief Review. <i>Journal of Pharmacy Research</i> , 7:792-797	ISSN No. 0974-6943	2.89
Manisha Jain, Elsa Mini Jos, Deepika Arora and Kameshwar Sharma YVR (2013). Effect of Proline on Triticum aestivum (wheat) under the drought conditions of salinity. <i>Journal of Pharmacy Research</i> , 7:506-509	ISSN No. 0974-6943	2.89
Vanndita Bahl, Parth Kapoor, Prasidhi Tyagi and Kameshwar Sharma YVR (2013). Enzymatic determination of Catechol Oxidase and Protease from fruits (orange, apple) and Vegetables (carrot, tomato). <i>IOSR Journal of Pharmacy and Biological Sciences</i> , 5(5): 29-35	e-ISSN: 2278-3008	1.519
Kameshwar Sharma YVR , Prasidhi Tyagi and Samarth Kulshrestha (2013). Stem Cells-Modern Approach in Medicine. <i>International Journal of Pharmacy and Technology</i> , 4(4):2436-2445,	ISSN: 0975-766X	1.21
Bronson Kumar Khangembam, Kameshwar Sharma YVR and RinaChakrabarti (2012). Purification and characterization of trypsin from the digestive system of carp <i>Catla catla</i> (Hamilton). <i>International Journal of Aquatic Research</i> , 4:9	Online ISSN :2008-6970, Print ISSN: 2008-4935	
Sandeep Garg, Kameshwar Sharma YVR , Brijesh Rathi, Patricia X Fernande (2012). Novel Bismuth (V) metalloantibiotic: In vivo studies of antioxidant and hepatotoxicity in <i>Staphylococcus aureus</i> infected mice. <i>Journal of Pharmacy Research</i> , 5(8):4242-4246	ISSN No. 0974-6943	

	M K Chattopadhyay, G Raghu, Kameshwar Sharma YVR , A R Biju, M V Rajasekharan and S Shivajji (2010). Increase in oxidative stress at low temperature in an Antarctic Bacterium. <i>Current Microbiology</i> . 62(2): 544-6	Online ISSN: 1432-0991, Print ISSN: 0343-8651	1.35
	Vinita Sndhi, Vartika Gupta, Kameshwar Sharma YVR , Sonal Bhatnagar, Reeta Kumari, Neeti Dhaka (2013). Potential applications of antioxidants- A review. <i>Journal of Pharmacy Research</i> , 7:828-835	ISSN No. 0974-6943	2.89
	Sonal Gahalawat, Suman Kumari, Neelima Bora, Kameshwar Sharma (2013). Screening of Adulterants in the milk and dairy products of Delhi region- A case study. <i>International Journal of Pharmacy and Technology</i> , 4:4889-4897	ISSN No. 0975-766X	1.21
	Shivani Jain, Sarvesh Seechurn, Parth Gupta, Gaurika Garg, Bhavuk Dhamija, N Latha, and Kameshwar Sharma YVR (2015) . Effects of osmolytes on the structural stability of bovine trypsin: a brief review. <i>Journal of Pharmacy Research (Accepted)</i>	ISSN No: 0974-6943	2.89
	P Madhusudhana Reddy, M Taha, Y V R Kameshwar Sharma YVR , Pannuru Venkatesu and Ming-Jer Lee (2015). Quantifying the co-solvent effects on trypsin from the digestive system of carp <i>Catla catla</i> by biophysical techniques and molecular dynamics simulations. <i>RSC Adv (Accepted and Online)</i>	ISSN 204 6-2069	3.708

20. Areas of consultancy and income generated

Presently Nil.

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards

Dr. N. Latha

- Delhi University Computer Centre: Member of the DU Computer Committee appointed by the Vice Chancellor of University of Delhi (Sept 2012- till date)
- Banasthali Vidyapeeth University: Member of Board of studies in Bioinformatics & member of curriculum development in Bioinformatics for post-graduate studies at Banasthali Vidyapeeth University (2010-onwards)
- Co-Editor, Current Topics in Medicinal Chemistry, Bentham Publishers, Spl. Issue, 2014

Dr. Nandita Narayanasamy

- Convener QUEST (2011-2012), organized by CSEC, University of Delhi
- Member, QUEST organizing committee, organized by CSEC, University of Delhi (2003-till date)
- Reviewer, DU Journal of Undergraduate Research and Innovation (2015)

Dr. Vandana Malhotra

- Editorial board member for “Mycobacterial diseases”- online access journal, OMICS publishing group (2010-present)

Dr. Kameshwar Sharma YVR

- Editorial board member and reviewer for “International Journal of Multidisciplinary Educational Research (IJMER), Sucharitha Publications (2012- till date).
- Reviewer for “*Journal of Pharmacy Research, Elsevier* (2012- till date).
- Editor of Science magazine “Science for Society-2010” published by P. G. Men’s Hostel, University of Delhi, Delhi-110007 (2010-11).

22. Student projects**a. Percentage of students who have done in-house projects including inter departmental/programme**

Course	Year	Project	% of Students
B.Sc. (Hons.) Biochemistry	2011-2012	DBT Star College Project	15%
	2012-2013	DU Innovation Project	73%
	2013-2014	DBT Star College Project	90%
	2014-2015	DBT Star College Project	44%
		DU Innovation Project	44%

b. Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies

Course	Year	Percentage of students
B.Sc. (Hons.) Biochemistry	2014-2015	28
	2013-2014	31
	2012-2013	43

Summer trainings/ Projects are NOT the part of BSc (H) Biochemistry syllabus

23. Awards/ Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Criterion III, Table 3.12

Student Awards:

S. No	Name of the Students	Course	Year	Rank Details
BALAJI GOLD MEDALS (10 GRAMS EACH)				
1	Ms. Kanika Vanshylla	B Sc (H) Biochemistry- III yr	2010-2011	DU-I
2	Ms. Yama Atri	B Sc (H) Biochemistry- III yr	2011-2012	DU-I
3	Ms. Triveni Menon	B Sc (H) Biochemistry- III yr	2012-2013	DU-I
4	Ms. Madhobi Sen	B Sc (H) Biochemistry- III yr	2013-2014	DU-I
BALAJI GOLD MEDALS (05 GRAMS EACH)				
5	Ms. Avantika Lal	B Sc (H) Biochemistry- III yr	2009-2010	UDSC-I
STUDENT UNION MERIT AWARD				
6	Ms. Avantika Lal	B Sc (H) Biochemistry- III yr	2009-2010	UDSC-I
7	Ms. Kanika Vanshylla	B Sc (H) Biochemistry- III yr	2010-2011	DU-I
8	Ms. Triveni Menon	B Sc (H) Biochemistry- III yr	2012-2013	DU-I
9	Ms. Madhobi Sen	B Sc (H) Biochemistry- III yr	2013-2014	DU-I
SRIMATI VELAGALETY SUVARCHALAMBA MEMORIAL PRIZES				
10	Ms. Avantika Lal	B Sc (H) Biochemistry- III yr	2009-2010	UDSC-I
BHARATULA SAVITRI MEMORIAL PRIZE				
11	Ms. Avantika Lal	B Sc (H) Biochemistry- III yr	2009-2010	UDSC-I
12	Ms. Divyanshu Malhotra	PG Diploma in Molecular and Biochemical Technology	2009-2010	SVC-I
13	Ms. Kanika Vanshylla	B Sc (H) Biochemistry- III yr	2010-2011	DU-I
14	Ms. Mohini Singh	PG Diploma in Molecular and Biochemical Technology	2010-2011	SVC-I
15	Ms. Yama Atri	B Sc (H) Biochemistry- III yr	2011-2012	DU-I
16	Ms. Kanika Mehta	PG Diploma in Molecular and Biochemical Technology	2011-2012	SVC-I
17	Ms. Triveni Menon	B Sc (H) Biochemistry- III yr	2012-2013	DU-I
18	Ms. Gaura Chaturvedi	PG Diploma in Molecular and Biochemical Technology	2012-2013	SVC-I
19	Ms. Madhobi Sen	B Sc (H) Biochemistry- III yr	2013-2014	DU-I
20	Ms. Sonam Kumari	PG Diploma in Molecular and Biochemical Technology	2013-2014	SVC-I
LATE MRS VELAGALETY CHUDAMANI MEMORIAL PRIZE				
21	Ms. Avantika Lal	B Sc (H) Biochemistry- III yr	2009-2010	UDSC-I
22	Ms. Kanika Vanshylla	B Sc (H) Biochemistry- III yr	2010-2011	DU-I
23	Ms. Yama Atri	B Sc (H) Biochemistry- III yr	2011-2012	DU-I
24	Ms. Triveni Menon	B Sc (H) Biochemistry- III yr	2012-2013	DU-I
25	Ms. Madhobi Sen	B Sc (H) Biochemistry- III yr	2013-2014	DU-I

DU- Delhi University; UDSC- University of Delhi, South Campus

Other Rank Holders in the University of Delhi and University of Delhi (South Campus)

S. No	Name of Students	Course	Year	Rank Details
1	Ms. Jyoti Solanki	B Sc (H) Biochemistry- I yr	2009-2010	UDSC-II
2	Ms. Sarita Mishra	B Sc (H) Biochemistry- I yr	2009-2010	UDSC-III
3	Ms. Divya T V	B Sc (H) Biochemistry- II yr	2009-2010	UDSC-III
4	Ms. Vaishali Verma	B Sc (H) Biochemistry- III yr	2009-2010	UDSC-II
5	Ms. Vinita Bharat	B Sc (H) Biochemistry- III yr	2009-2010	UDSC-III
6	Ms. Yama Atri	B Sc (H) Biochemistry- II yr	2010-2011	UDSC-II
7	Ms. Jyoti Solanki	B Sc (H) Biochemistry- II yr	2010-2011	UDSC-III
8	Ms. Amba Priya Dube	B Sc (H) Biochemistry- III yr	2010-2011	UDSC-II
19	Ms. Priya T V	B Sc (H) Biochemistry- III yr	2010-2011	UDSC-III
10	Ms. Jyoti Solanki	B Sc (H) Biochemistry- III yr	2011-2012	UDSC-II
11	Ms. Indrani Mukherjee	B Sc (H) Biochemistry- I yr	2012-2013	DU-II
12	Ms. Shruti Mishra	B Sc (H) Biochemistry- II yr	2012-2013	DU-III
13	Ms. Rashi Goel	B Sc (H) Biochemistry- I yr	2012-2013	UDSC-II
14	Ms. Charu Sharma	B Sc (H) Biochemistry- I yr	2012-2013	UDSC-III
15	Ms. Rohini Subrahmanya	B Sc (H) Biochemistry- II yr	2012-2013	UDSC-III
16	Ms. Sharanya P	B Sc (H) Biochemistry- I yr	2013-2014	DU-I
17	Ms. Antara Ghoshal	B Sc (H) Biochemistry- I yr	2013-2014	DU-II
18	Mr. Prateek Chawla	B Sc (H) Biochemistry- I yr	2013-2014	DU-III
19	Ms. Rashi Goel	B Sc (H) Biochemistry- II yr	2013-2014	DU-II
20	Ms. Rohini Subrahmanya	B Sc (H) Biochemistry- III yr	2013-2014	DU-III
21	Ms. Indrani Mukherjee	B Sc (H) Biochemistry- II yr	2013-2014	UDSC-II
22	Ms. Charu Sharma	B Sc (H) Biochemistry- II yr	2013-2014	UDSC-III
23	Ms. Rashi Goel	B Sc (H) Biochemistry- III yr	2014-2015	DU-II
24	Ms. Rashi Goel	B Sc (H) Biochemistry- III yr	2014-2015	UDSC-I
25	Ms. Indrani Mukherjee	B Sc (H) Biochemistry- III yr	2014-2015	UDSC-II

DU- Delhi University; UDSC- University of Delhi, South Campus

24. List of eminent academicians and scientists/ visitors to the department as part of Lectures/Workshops/Conferences organized

S.No.	Name	Institution	Month/Year of Visit
1	Dr. K. Muralidhar	Department of Zoology, University of Delhi, Delhi	Oct, 2010
2	Dr. Pradeep K. Burma	Department of Genetics, University of Delhi, Delhi	Oct, 2010
3	Dr. Santosh K. Kar	Jawaharlal Nehru University, New Delhi	Nov, 2010
4	Prof. Indira Ghosh	Jawaharlal Nehru University, New Delhi	Nov, 2010
5	Dr. Rajendra Kumar	Jawaharlal Nehru University, New Delhi	Nov, 2010
6	Dr. Rohini Muthuswami	Jawaharlal Nehru University, New Delhi	Nov, 2010
7	Prof. Hemalatha Balaram	Indian Institute of Science, Bangalore	Nov, 2010
8	Dr. Gautam R. Desiraju	Indian Institute of Science, Bangalore	Nov, 2010
9	Dr. Vinay K. Nandicoori	National Institute of Immunology, New Delhi	Nov, 2010
10	Dr. V. M. Katoch	Indian Council of Medical Research, New Delhi	Nov, 2010
11	Dr. B. Prakash	Central Food Technological Research Institute, Mysore	Nov, 2010
12	Dr. Rita Singh	Department of Zoology, University of Delhi, Delhi	Nov, 2010
13	Dr. Soumen Basak	National Institute of Immunology, New Delhi	May, 2011
14	Dr. Satyajit Rath	National Institute of Immunology, New Delhi	Nov, 2011 May, 2012
15	Dr. Madhavi Sastry	Schrodinger, Inc., USA	Dec, 2011
16	Dr. Tarun Jain	Daiichi Sankyo Life Sciences Research Centre	Dec, 2011 Feb, 2013
17	Dr. Kanury V. S. Rao	International Centre for Genetic Engineering and Biotechnology, New Delhi	March, 2012 April, 2014
18	Dr. Anju Srivastav	Department of Zoology, University of Delhi, Delhi	May, 2012
19	Dr. Dinakar Salunke	Regional Centre for Biotechnology, Gurgaon	May, 2012 March, 2013

20	Dr. Sita Naik	Apollo Hospital, New Delhi	May, 2012
21	Dr. Dipankar Ghosh	Jawaharlal Nehru University, New Delhi	May, 2012
22	Dr. Dipendra Mitra,	All India Institute of Medical Science, New Delhi	May, 2012
23	Dr. Rahul Pal	National Institute of Immunology, New Delhi	May, 2012
24	Dr. Vineeta Bal	National Institute of Immunology, New Delhi	May, 2012
25	Dr. Rajesh Gokhale	Director, CSIR- Institute of Genomics and Integrative Biology, New Delhi	March 2013
26	Dr. Arun Jagannath	Department of Botany, University of Delhi	Feb, 2013
27	Prof R C Kuhud	University of Delhi	Feb, 2013
28	Prof R Geeta	Department of Botany, University of Delhi	Feb, 2013
29	Dr Shakti Sahi	Gautam Buddha University, Greater Noida	Feb, 2013
30	Dr. Gobardhan Das,	International Centre for Genetic Engineering and Biotechnology, New Delhi	May, 2012
31	Dr. Anil K. Tyagi,	University of Delhi and VC, GGSIP University	March, 2013 May, 2014
32	Dr. Suneil Katriya,	Dept of Biochemistry ,University of Delhi South Campus	April 2014
33	Dr. D. Balasubramanian	L V Prasad Eye Institute, Hyderabad	March, 2013
34	Dr. Manju Bansal	Indian Institute of Science, Bangalore	March, 2013
35	Dr. Shekhar Mande	National Centre for Cell Science, Pune	March, 2013
36	Dr. Gururaj Rao	Iowa State University, USA	March, 2013
37	Dr. Aditya Mittal	Kusuma School of Biological Sciences, Indian Institute of Technology, New Delhi	March, 2013
38	Dr. T. P. Singh	All India Institute of Medical Science, New Delhi	March, 2013
39	Dr. Rajiv Bhatt	Jawaharlal Nehru University, New Delhi	March, 2013
40	Dr. R. P. Roy	National Institute of Immunology, New Delhi	March, 2013
41	Dr. Purnananda Guptasarma	Indian Institute of Science Education and Research, Mohali	March, 2013

42	Dr. Rajesh Gokhale	CSIR- Institute of Genomics and Integrative Biology, New Delhi	March, 2013
43	Dr. V. S. Chauhan	International Centre for Genetic Engineering and Biotechnology, New Delhi	May, 2014
44	Prof. Joao Rodrigues	University of Madeira, Portugal	May, 2014
45	Prof. Arun Chattopadhyay	Indian Institute of Technology, Guwahati	May, 2014
46	Dr. Sanjog Jain	National Institute of Pharmaceutical Education and Research, Ahmedabad	May, 2014
47	Prof. Bhupinder Singh Bhoop	Punjab University, Chandigarh	May, 2014
48	Dr. Rosa Perestrelo	University of Madeira, Portugal	May, 2014
49	Prof. Sergei Mignani	Universite Paris Descartes, Paris	May, 2014
50	Dr. K. C. Gupta	CSIR-Indian Institute of Toxicology Research, Lucknow	May, 2014
51	Dr. Praveen Vemula	In-STEM, National Centre for Biological Sciences, Bangalore	May, 2014
52	Dr. Amit Dinda	All India Institute of Medical Science, New Delhi	May, 2014
53	Prof. H. B. Bohidar	Jawaharlal Nehru University, New Delhi	May, 2014
54	Dr. Rita Castro	University of Madeira, Portugal	May, 2014
55	Dr. Pratima R. Solanki	Jawaharlal Nehru University, New Delhi	May, 2014
56	Dr. Mara Goncalves	University of Madeira, Portugal	May, 2014
57	Dr. Sasanka Deka	Department of Chemistry, University of Delhi, Delhi	May, 2014
58	Dr. Corey Casper	University of Washington, Seattle, USA	Oct, 2014
59	Prof. Rohit Bhargava	Cancer Centre, University of Illinois, USA	Oct, 2014
60	Dr. B. K. Thelma	Dept of Genetics, University of Delhi, Delhi	March, 2010
			March, 2015
			Oct, 2015
61	Dr. D. N. Rao,	All India Institute of Medical Science, New Delhi	April, 2014
62	Dr. Reta	In-STEM, National Centre for Biological Sciences, Bangalore	Nov, 2014

63	Dr. T.C. Anant	Department of Statistics, Govt. of India	Nov, 2014
64	Prof. K. Dharmalingam	Arvind Eye Hospital, Madurai	March, 2015
65	Dr. Somdutta Sen	Sphaera Pharma, Manesar, Haryana	March, 2015
66	Dr. Shantanu Sengupta	CSIR- Institute of Genomics and Integrative Biology, New Delhi	March, 2013 March, 2015
67	Dr. Niranjana Chakraborty	National Institute of Plant genomic Research, New delhi	March, 2015
68	Dr. Pushkar Sharma	National Institute of Immunology, New Delhi	March, 2015
69	Dr. Sharmishta Dey	All India Institute of Medical Science, New Delhi	March, 2015
70	Prof. Suman Kundu	Department of Biochemistry, University of Delhi, South Campus	March, 2013 March, 2015
71	Dr. K. Natrajan	Dr. B.R. Ambedkar Center for Biomedical Research, New Delhi	March, 2015
72	Dr. Snehlata Panwar	Jawaharlal Nehru University, New Delhi	March, 2015
73	Dr. Neeru Saini	CSIR- Institute of Genomics and Integrative Biology, New Delhi	March, 2015
74	Dr. Alok Bhattacharya	Jawaharlal Nehru University, New Delhi	March, 2015
75	Dr. Sudhanshu Vрати	Translational Health Science and Technology Institute, Faridabad	March, 2015
75	Dr. Randeep Guleria	All India Institute of Medical Science, New Delhi	March, 2015
76	Dr. Vineet Datta	Apollo Hospitals, Gurgaon	March, 2015
78	Prof. Sanjay Jain	Department of Physics and Astrophysics, NNMCB, Delhi Node	March, 2015
79	Prof. Karmeshu	Jawaharlal Nehru University, New Delhi	March, 2015
80	Dr. Binay Panda	Giant Labs, Bio-IT care, Bangalore	March, 2015
81	Prof. James Gomes	Indian Institute of Technology, New Delhi	March, 2015
82	Dr. Ganesh Bagler	Indian Institute of Technology, Jodhpur	March, 2015
83	Dr. Samrat Chatterjee	Translational Health Science and Technology Institute, Faridabad	March, 2015
84	Prof. MRN Murthy	Molecular Biophysics Unit, IISc Bangalore	Aug, 2015
85	Dr. Kanury V. S. Rao	Translational Health Science and Technology Institute, Faridabad	Sep, 2015

25. Seminars/ Conferences/Workshops organized & the source of funding
a) National b) International

S No.	Title of the Workshop/Conference/Symposium	Date	Funding Agency
Workshops			
1	Open House Meet for School students (Class 11 and 12)	Oct 2010	College Association
2	Computational Approaches for Lead Optimization in Drug Discovery	Dec 2011	DBT
3	Workshop for Non-Teaching Staff in Chemical & Life Sciences	March, 2012	DBT
4	“IMMUNIS”-Workshop in Immunology	May 2012	DBT
5	Bioinformatics Workshop for College Teachers	Feb 2013	DBT
Conferences/ Symposiums			
6	Trendy’s in Biochemistry- “A National Forum to Discuss with a Difference Frontier Areas & Emerging Concepts in Biochemistry and Molecular Biology”	Nov 2010	Trendy’s
7	Recent trends in Innovative Research at Undergraduation: Science and Society	Feb 2013	Innovation Projects, University of Delhi
8	Symposium on “Ramachandran Manifestation: Peptide to Proteome”	March 2013	DBT
9	National Network for Mathematical & Computational Biology	March 2015	NNMCB
10	Immunology Day	April 2014	DBT
11	International Conference on “Emerging Trends of Nanotechnology in Drug Discovery”	May 2014	DBT
12	Symposium in Proteomics	March 2015	DBT

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected*	Enrolled		Pass percentage***	
				**M	**F	Year	%
B.Sc (H) Biochemistry (3 year (annual/ semester) /four year programme)	2010-11	By the central admission committee	33	7	26	I st	100
						II nd	100
						III rd	94.7
	2011-12	By the central admission committee	33	4	29	I st	96.77
						II nd	100
						III rd	92.3
	2012-13	By the central	28	8	20	I st	100
						II nd	100

		admission committee				III rd	84.6
	2013-14	By the central admission committee	35	11	24	I st	100
						II nd	92
						III rd	96.43
	2014-15	By the central admission committee	24	6	18	I st	92.3
						II nd	89.6
						III rd	83.33
PG Diploma in Molecular and Biochemical techniques	2010-11	By the central admission committee	15	4	11	66.7	
	2011-12	By the central admission committee	18	3	15	55.5	
	2012-13	By the central admission committee	17	4	14	58.8	
	2013-14	By the central admission committee	14	4	10	64.3	
	2014-15	By the central admission committee	14	2	12	100	

***This data is of only First Year Biochemistry (Hons.) students**

****M = Male; **F = Female**

***** Pass percentage is for all first, second and third year Biochemistry (Hons.) students.**

27. Diversity of Students

Kindly refer Table 03 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

- **IIT JAM Topper 2014**

Ms. Rohini Subrahmanyam

- **Civil Services -2**

Mr. Munish Sharma in 2013 (AIR-2)

Mr. Nikhil Kumar, IAS Officer AGMUT in 2002

Mr. Gaurav Kumar Sharma, Punjab Civil Services, 2013

29. Student progression

Student progression	Against % enrolled			
	2011-12	2012-13	2013-14	2014-15
UG to PG	67	89	86	74
PGD* to M. Sc.	38	35	64	43
PG to M.Phil	<p>The college does not keep any track of the students once they have completed their graduation. However, the department regularly invites alumni for student interaction.</p>			
PG to Ph.D.				
Ph.D. to Post-Doctoral				
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 				
Entrepreneurship/ Self-employment				

*PGDiploma in Molecular & Biochemical Technology

30. Details of Infrastructural facilities

- a) Library: The department has about ~500 books available for students apart from the main library section.
- b) Internet facilities for staff and students: Wi-Fi connection available to all students and staff
- c) Total number of classrooms: 3 classrooms are available for the 3 year students course apart from the labs.
- d) Class rooms with ICT facility: All classrooms have both LCD projector as well as OHP facility
- e) Students' laboratories: 3 general laboratory and one specialized genetic engineering laboratory available for the students
- f) Research laboratories: 2 research laboratories are available for advanced research in Tissue culture, Molecular Biology and Bioinformatics related work.

30. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students	Class	Freeship Grant
2014-2015	Mr. Parth Gupta	B Sc (H) Biochemistry II year	Rs. 4000

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

- Industrial visit to Premas Biotech, Manesar (Sep, 2010)
- Educational Tours to Indian Institute of Technology, Delhi (Nov, 2011)
- Educational Tours to IIT Mumbai (2014, 2013)
- TCBEP (Conference), Dept. of Chemistry, S. V. University, Tirupati (Dec, 2012)
- Educational Tours to Central Institute of Fisheries Technology (CIFT) (Jan, 2013)
- Educational Tours to Central Marine Fisheries Research Institute (CMFRI), Regional Centre, Visakhapatnam (Jan, 2013)
- Educational Tours to National Brain Research Centre, Haryana (Dec 2011, 2014)
- Educational Tours to IMTECH/ NIPER, Chandigarh (Oct 2012, Jan, 2014)
- Visit to IGIB on Open House Day of IGIB, New Delhi (Sep, 2014)
- Educational Tours to Central Drug Research Institute (CDRI), Indian Institute of Toxicology Research (IITR), Lucknow (Dec, 2014)
- Talk by Prof. P. Balaram, IISc, Bangalore on “Chemical diversity in Biology” (Feb, 2015)
- Talk by Prof. M.R.N.Murthy on “Why is Darwin’s theory so Controversial?” (Aug, 2015)
- Alumni Lecture By Mr Kunal Kishore Dhawan and Mr Arkarup Banerjee (2015)
- 18 students visited Zakir Hussain College for a lecture on Stem Cells by Dr. D. Balsubramanium, Director, L.V. Prasad Eye Institute under Science Setu (Sep 2015)
- Interactive Session with Dr. Vinay K. Nandicoori, Dr Praful Tailor and Dr. A. K. Banerjee, National Institute of Immunology, New Delhi under Science-Setu program, (Aug 2015)
- Interactive Session on “Networks in Biology” with Dr. Kanury V. S Rao and Dr. Samrat Chatterjee, THSTI, Faridabad (Sep 2015)
- Students of Chemistry, Biochemistry and Biological Science have participated in a Nobel Laureate lecture by **Prof. Noyori Ryoji, Nobel laureate in Chemistry (2001)**, President, RIKEN, Japan organized by DBT-DST in association with signing of Indo-Japanese MoU.
- International Symposium on Genomics in Aquaculture (ISGA), Central Institute of Freshwater Aquaculture (CIFA), Bhubaneswar (Jan, 2013)

For details on Conferences/Workshops organized by the Department, kindly refer section 25 in ERD.

33. Teaching methods adopted to improve student learning

- Traditional Lecture Method using chalk and talk
- Interactive Method by conducting seminars, presentations and group discussions
- Project based learning
- Use of Audio/visual aids such as power-point presentations, videos,

- photographs
- Case study method that often includes visits to hospitals and clinics
- Educational and Industrial visit for the assimilation of subject on various relevant techniques for the benefit of biochemistry students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

In addition to regular academic activities, the students and the faculty frequently participate in the social activities and the programs organized by the college societies namely “Equal Opportunity Cell” and “Parivartan”. These societies work for the welfare of differently abled students and weaker section of the society. To promote science at school level, Biochemistry teachers visited “Government Senior Secondary School, Bhigan, Sonapat, Haryana” in May, 2015.

35. SWOC analysis of the department and Future plans

✚ Strengths

- All faculty are Ph.Ds. with diverse expertise in different disciplines, trained from national and international laboratories.
- Dedicated Faculty with consistent record of research publications
- Highly motivated faculty and eager student works as an ideal combination for learning
- Good infrastructural facility to conduct hands on training for all students.
- Dedicated Supporting Staff
- Prolific departmental Society “Catalysis” organizes interdepartmental and inter-collegiate activities and publishes a magazine “Expressions” to cultivate scientific and literary awareness amongst students.
- Departmental Society “Catalysis” also organizes “Amalgam”, a mixed bag event, every year to promote scientific analysis and expression in students.
- Visiting scientists/symposiums and industry professionals give our students a practical approach to the theoretical aspects learnt
- Summer internships benefit the students with research lab exposure
- Interdisciplinary and innovative projects by student
- Students clear most entrance examinations for PG studies (national and international)
- Department also took part in student outreach programmes. Under this, Biochemistry teachers visited “Government Senior Secondary School, Bhigan, Sonapat, Haryana” to promote science amongst school children (May, 2015)

✚ Weakness

- Time constraint in semester pattern is the main setback for the course

✚ Challenges

- To motivate students for pursuing a research career
- To amalgamate and integrate academically weaker students into interdisciplinary, interdepartmental and co-curricular activities
- Difficulty to efficiently integrate foreign students into main stream departmental activities

 **Opportunities:**

- Faculty members are motivated to participate in refresher courses/orientation courses.
- They are encouraged to present papers in regional/ national/ international conferences.
- They are encouraged to publish books, edited books, chapters in edited books and articles in national and international journals.



Future Plans:

- Intent to inculcate entrepreneurship and promote pro-industry academic programs to prepare students for future
- The department has plans to come out with a research journal to showcase the research projects undertaken by the students during the summer between the second and the third year
- The department will work on getting patents for its innovations

EVALUATIVE REPORT OF DEPARTMENT OF BOTANY

- 1. Name of the department : BOTANY**
- 2. Year of Establishment : 1973**
- 3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

The Department of Botany offers following programmes/courses:

- ❖ Bachelor in Science (Honours) in Botany, three year course
- ❖ B.Sc. (Programme) Life Sciences
- ❖ Masters in Science (Botany)

- 4. Names of Interdisciplinary courses and the departments/units involved**

Department of Botany is involved in the teaching of following courses along with Department of Chemistry, Biochemistry, English, Mathematics, Computers and Zoology.

- ❖ B.Sc. (Programme) Life Sciences
- ❖ B.Sc. (Honours) Biological sciences
- ❖ B.Sc. (H) Chemistry
- ❖ B.Sc. (H) Zoology

- 5. Annual/ semester/choice based credit system**

UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP

- 6. Participation of the department in the courses offered by other departments**

Department of Botany is involved in the following courses

- B.Sc.(Hons) Biological Sciences
- BSc. (Programme) Life Science
- B.Sc. (H) Chemistry
- B.Sc. (H) Zoology
- Environment Science

- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.**

Presently nil.

- 8. Details of courses/programmes discontinued (if any) with reasons**

Presently nil.

- 9. Number of teaching posts**

Kindly refer Table 07 of SSR

10. Faculty profile with name, qualification, designation, specialization,(D.Sc. / D.Litt. /Ph.D. / M. Phil. etc.)

S.No.	Name	Qualification	Designation	Specialization	No. of yrs of Experience	No. of Ph.D. Students guided
1	Dr. NVSRK Prasad	Ph.D.	Retired as Associate Professor	Plant Physiology, Biochemistry and Metabolism,	Retired with 40 years of experience 3 yrs in Sherubtse College, Bhutan under TCS-Colombo plan, GOI + more than 10 years of corporate teaching for MSc. (Environment Biology) in Delhi University	Nil
2	Dr. Ajit Kumar Kavathekar	Ph.D.	Retired as Vice Principal (Associate Professor)	Plant Anatomy, Plant Morphogenesis, Experimental Embryology	Retired with 40 years including 2 yrs in Asmara, Ethiopia (1980-1982)+ 3 yrs in Sherubtse College, Bhutan under TCS-Colombo plan, GOI (1983-86)+10 years of corporate teaching for MSc.(Environment Biology) in Delhi University	Nil
3	Dr. Aarati Saxena	Ph.D.	Associate Professor	Reproductive Biology	31+4 years as (Officiating Director, Non Collegiate women's Education Board, University of Delhi)	Nil
4	Dr. Kalyani Krishna	Ph.D.	Associate Professor	Plant Physiology and Economic Botany	30 years	Nil
5	Dr. Sunila Khurana	M.Phil Ph.D.	Associate Professor	Cryptogamic Botany, Ecology, Biodiversity	29 years	Nil
6	Dr. GPC Rao	Ph.D., NET	Associate Professor	Genetics Anatomy and Mycology	23 years	Nil
7	Dr. Shukla Saluja	Ph.D.	Assistant Professor	Plant Physiology Taxonomy and Ecology	12 years	Nil

8	Dr. Amit Vashishtha	M.phil, Ph.D, NET	Assistant Professor	Molecular Biology, Bioinformatics, Genetics and Genomics	5 years	Nil
9	Dr. Neeti Mehla	Ph.D. NET	Assistant Professor	Plant Biotechnology, Genetics and Molecular Biology	7 years	Nil
10	Dr Aditi Kothari	Ph.D. NET	Assistant Professor	Plant Physiology, Genetics and Genomics	4 years	Nil
11	Dr. Pooja Gokhale	Ph.D, NET	Assistant Professor	Ecology and Cell Biology	4 years	Nil
12.	Dr.Shubra Barwa	Ph.D, NET	Assistant Professor	Cell biology, Plant Metabolism	2 years and 6 months	Nil
13	Dr Yogender Gautam	Ph.D, NET	Assistant Professor	Microbiology and Mycology	6 months	Nil

11. List of senior visiting faculty

Presently nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
B.Sc. (H) Botany	Each temporary faculty member is assigned full workload as per the university norms
B.Sc.(P) Life Science	
B.Sc. (H) Biological Sciences	
B.Sc. (H) Chemistry/ B.Sc.(H) Zoology	

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 11		Total No. of Students			Ratio	
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		Total
1.	B.Sc. (H) Botany	43	34	41	118	In Hons. Course- 1:11
2.	Generic Elective	11	--	--	11	Other than Hons Course 1:30
3.	B.Sc. (H) Biological Science	40	45	---	85	
4.	B.Sc. Life Science	124	105	---	229	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Year posts	2010-2011		2011-2012		2012-2013		2013-2014		2014-2015	
	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/promoted	Sanctioned	Filled/Promoted
Technical Assistant	-	-	-	-	-	-	-	-	-	-
Lab Assistant	8	5(F) 1 (P)	8	6 (F)	8	6(F)	8	6(F)	8	5(F)
Lab Attendants	-	2	-	2	-	2	-	2	-	2

15. Qualifications of teaching faculty with DSc./ D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 13 (two retired)

Please refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Number of faculty with projects- 2

Total grants – Approx. 50 lakhs

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Undergraduate Innovative Projects: Kindly refer Table 8 of SSR

Research Projects :

Name of faculty member	Project	Title of the project	National/ International	Funding Agency	Grant Amount	Tenure
Individual Research Projects						
Dr. Amit Vashishtha	SERB Startup grant	“Molecular identification and characterization of endosymbionts in aphids- the major insect pests of rapeseed and mustard crops in India”	National	SERB-DST	Rs. 11,50,000/-	2013 – 2016
Dr. Neeti Mehla	SERB Startup grant	Project: Towards improving yield in rice (<i>Oryza sativa</i>) by genetic manipulation of Ghd7 gene”)	National	SERB-DST	Rs. 14,00,000/-	2014- 2017

18. Research Centre /facility recognized by the University

Presently nil.

19. Publications:

Faculty Name	Publications	ISSN/ISBN No.
Dr. NVSRK Prasad	Snehadri Sinha; Aishwarye Sharma; P. Hemalatha Reddy; Brijesh Rathi; NVSRK Prasad , Amit Vashishtha(2013) Evaluation of phytochemical and pharmacological aspects of <i>Holarrhena antidysenterica</i> (Wall.): A comprehensive review. <i>Journal of Pharmacy Research</i> 6: 488-492.. (A Elsevier Journal)	0974-6943
	Screening of cyanobacteria strains from Delhi and NCR for antibacterial potential. Chauhan S, Dabas P, Kumar N, Malik I, Kumari S, VatsA, Tripathi S, Prasad NVSRK , Giri KV, Deepali* (Corresponding author). <i>International Journal of Pharmaceutical Science and research</i> (2014).	1365-3040
Dr. Ajit Kavathekar	Pooja Gokhale Sinha and Ajit Kumar Kavathekar (2014) Role of reproductive biology in conservation of plants . In: Plant Reproductive Biology and Conservation (Eds. R Kapoor, I Kaur, M Koul) I.K. International, Delhi, pp: 329-353.	
	Pooja Gokhale Sinha and Ajit Kumar Kavathekar (2014). Morphology of Plants , for Institute of Life Long Learning (ILLL), University of Delhi, Under the National Mission on Education through ICT (NMEICT) Scheme, Under Review.	
	Pooja Gokhale Sinha and Ajit Kumar Kavathekar (2014). Cambium , for Institute of Life Long Learning (ILLL), University of Delhi, Under the National Mission on Education Scheme through ICT (NMEICT), Under Review.	
Dr. Aarati Saxena	E-lesson on Introduction to Archegoniatae for Institute of Life Long Learning (ILLL) University of Delhi.	
Dr. Sunila Khurana	E-Lesson on Introduction to Algae in a Book Phycology and MicroBiology for FYUP (University of Delhi)	
	e-Lesson on Introduction to Bryophytes in a Book titled Archegoniates by Dr. Sunila Khurana and Heikhem Evelin .	

Dr. Amit Vashishtha	Amit Vashishtha , Tabassum Jehan and Suman Lakhanpaul (2013) Genetic Diversity and Population Structure of <i>Butea monosperma</i> (Lam.) Taub.- A Potential Medicinal Legume Tree. <i>Physiology and Molecular Biology of Plants</i> 19 (3) 389-397.(A Springer Journal).	0971-5894
	Amit Vashishtha , Brijesh Rathi, Sandeep kaushik, KK Sharma, Suman Lakhanpaul (2013) Phloem sap analysis of <i>Schleichera oleosa</i> (Lour) Oken, <i>Butea monosperma</i> (Lam) Taub. and <i>Ziziphus mauritiana</i> (Lam) and hemolymph of <i>Kerria lacca</i> (Kerr) using HPLC and Tandem Mass Spectrometry. <i>Physiology and Molecular Biology of Plants</i> 19 (4) 537-545., (A Springer Journal)	0971-5894
	Amit Vashishtha , Tabassum Jehan, KK Sharma and Suman Lakhanpaul (2013) Molecular characterization and genetic diversity of <i>Schleichera oleosa</i> (Lour.) Oken – Major Host Tree for lac cultivation. <i>National Academy Science Letters</i> 36 (4) 429-435. (A Springer Journal)	0250-541X
	Anjali Aggarwal, Reeta Kumari, Neeti Mehla, Deepali, Rishi Pal Singh, Sonal Bhatnagar, Kameshwar Sharma, Kuldeep Sharma, Amit Vashishtha and Brijesh Rathi (2013) Depletion of the Ozone Layer and Its Consequences: A Review. <i>American Journal of Plant Sciences</i> 4: 1990-1997.	2158-2750
	Harsh Bhatia, Jaspreet Kaur, Shreya Nandi, Vinita Gurnani, Anushua Chowdhury, P. Hemalatha Reddy, Amit Vashishtha and Brijesh Rathi (2013) A Review on <i>Schleichera oleosa</i> : Pharmacological and Environmental Aspects. <i>Journal of Pharmacy Research</i> 6: 224-229. ISSN: 0974-6943. (A Elsevier Journal)	0974-6943.
	Amit Vashishtha , KK Sharma and Suman Lakhanpaul (2014) DNA Profiling of <i>Ziziphus mauritiana</i> (Lam.) and <i>Butea monosperma</i> (Lam.) Taub.: Two economically important taxa for Lac Cultivation in India. <i>Proceedings of the National Academy of Sciences, India Section B: Biological Sciences</i> . DOI 10.1007/s40011-014-0332-9 (A Springer Journal).	2250-1746
Snehadri Sinha; Aishwarye Sharma; P. Hemalatha Reddy; Brijesh Rathi; NVSRK Prasad, Amit Vashishtha (2013) Evaluation of phytochemical and pharmacological aspects of <i>Holarrhena antidysenterica</i> (Wall.): A comprehensive review. <i>Journal of Pharmacy Research</i> 6: 488-492.. (A Elsevier Journal)	0974-6943	
Dr. Neeti Mehla	Dhaka, Neeti A Review on Tissue culture studies in <i>Eclipta alba</i> – An Important Medicinal Plant, International journal of Pharmaceutical Sciences	0976-044X.

	Review and Research .2013 13-496 ,	
	Dhaka, Neeti , Chaudhary Prerna, Sareen Neera. <i>Agrobacterium mediated transformation in Gossypium hirsutum using Glyoxalase II</i> . Journal of Plant molecular Biology and Biotechnology. Academy Journals USA (2013)..	2446-0302
	Sindhi Vineeta, Gupta, Vartika Sharma Kameshwar , Bhatnagar Sonal, Kumari Reeta, Mehla Neeti (Corresponding Author) , Potential Applications of Antioxidants-A Review, Journal of Pharmacy Research 2013. Elsevier Published Online http://dx.doi.org/10.1016/j.jopr.2013.10.001 JOPR13-00546,	0974-6943
	Aggarwal Anjali, Kumari Reeta Mehla Neeti , Deepali, Singh Rishi pal, Bhatnagar Sonal, Sharma Kameshwar, Sharma Kuldeep, Vashishtha Amit, Rathi Brijesh, <i>Depletion of the Ozone Layer and Its Consequences: A Review</i> , American Journal of Plant Sciences 2013.4, 1990-1997 http://dx.doi.org/10.4236/ajps.2013.410247 Published Online 2013 IF: 0.27 .	2158-2742 ,
	Bhatnagar Sonal, Gautam Amit K, Dhaka Neeti and Kumari Reeta, <i>Stem cells research: a boon for science and society</i> , International Journal of Current Research Vol. 5, Issue, 12, 2013 Available online at http://www.journalcra.com ..	0975-833X
	Kumari Reeta, Nautiyal A, Dhaka Neeti , Deepali, Bhatnagar S (2014) Potential of Organic Farming in Production of Environment Friendly Sugarcane. <i>Current Nutrition & Food Sciences</i> . Accepted .	1573-4013
	Preeti Singh and Neeti Dhaka (2015) Glyoxalase system and salinity stress in plants" in the book "Managing Salinity Tolerance in Plants: Molecular and Genomic Perspectives". Taylor & Francis catalogue # K23522	ISBN: 978-1-4822-4513-4
Dr. Pooja Gokhale	Effect of elevated [CO ₂] on cell structure and function in seed plants (2014). Neha Sharma, Pooja Gokhale Sinha, A. K. Bhatnagar. <i>Climate Change and Environmental Sustainability</i> 2:69-104.	2320
	<i>Morchella esculenta</i> Fr.: A Fungus of High Ecological and Economic Significance (2013). Pooja Gokhale Sinha. <i>The Botanica</i> Volume 62:129-133.	
	Effect of elevated CO ₂ concentration on photosynthesis and flowering in three wheat species belonging to different ploidy levels (2011). Pooja Gokhale Sinha, P. Paradha Saradhi, Dinesh Chandra Uprety, Ashok Kumar Bhatnagar. <i>Agriculture, Ecosystems and Environment</i> 142: 432-436. IF 2.85	

	Pooja Gokhale Sinha and Ajit Kumar Kavathekar (2014) Role of reproductive biology in conservation of plants. In: Plant Reproductive Biology and Conservation (Eds. R Kapoor, I Kaur, M Koul) I.K. International, Delhi, pp: 329-353.	
	Pooja Gokhale Sinha and Ajit Kumar Kavathekar (2014). Morphology of Plants, for Institute of Life Long Learning (ILLL), University of Delhi, Under the National Mission on Education through ICT (NMEICT) Scheme, Under Review.	
	Pooja Gokhale Sinha and Ajit Kumar Kavathekar (2014). Cambium, for Institute of Life Long Learning (ILLL), University of Delhi, Under the National Mission on Education Scheme through ICT (NMEICT), Under Review.	

20. Areas of consultancy and income generated

Presently nil.

21. Faculty as members in

a) National committees b) International Committees c) Editorial Board.

Dr NVSRK Prasad, Dr. Ajit Kumar Kavathekar and Dr. Kalyani Krishna are involved in

- ❖ NCERT Biology Text Books development.
- ❖ NIOS Text Book development
- ❖ CBSE Environment Science Book development
- ❖ Lab exercises for School Teachers
- ❖ IGNOU Course Material Development

Dr. Aarati Saxena

- ❖ Appointed member Gandhi Bhawan Managing Committee, University of Delhi.
- ❖ Held the post of National Service Scheme Program Coordinator, University of Delhi. June 15, 2011- January 31, 2014.
- ❖ appointed as officiating Director, Non Collegiate Women's Education Board, University of Delhi (2.5.2011-31.1.2014)
- ❖ appointed (15.7.2010) consultant for the project "Status of Indian Medicine and Traditional and Folk Healing – with a focus on benefits that people have received" A recommendation to 12th 5 year plan from ministry of Health, Govt. of India for a period of six months. Jamia Hamdard University(Jan 2010-May 2011)

22. Student projects

- a. Percentage of students who have done in-house projects including inter departmental/programme
- b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

Student projects

S.No.	Course	Year	Project	No. of Students	No. of Students (%)		
1	B.Sc. (Hons.) Botany	2011-2012	DBT Star College Project	50	60		
			Environmental Studies Project under University Curriculum	15	100		
			Plant Physiology Project under University Curriculum	25	100		
		2012-2013	DU Innovative Project	06	13		
			Environmental Studies Project under University Curriculum	14	100		
			Plant Physiology Project under University Curriculum	25	100		
		2013-2014	DBT Star College Project	06			
			DU Innovative Project	5	17		
			Environmental Studies Project under University Curriculum	15	100		
			Plant Physiology Project under University Curriculum	25	100		
		2014-2015	DBT Star College Project	6			
			DU Innovative Project	5	17		
			Environmental Studies Project under University Curriculum	14	100		
			Plant Physiology Project under University Curriculum	25	100		
				2015-2016	DU Innovative Project	15	25
		2.	B.Sc. (H) Biological Sciences	2013-2015	DBT Star College Project	8	30
		2012-2013	DU Innovative Project	02	Selected on the basis of application and interview		
		2013-2014	DU Innovative Project	02			
		2014-2015	DU Innovative Project	02			
		2015-2016	DU Innovative Project	05			
3.	B.Sc. Life Sciences	2012-2013	DU Innovative Project	02			
		2014-2015	DU Innovative Project	01			
		2015-2016	DU Innovative Project	05			

23. Awards/recognitions received at the national and international level by**Faculty Awards:** Kindly refer to Criterion III, Table 3.12**Students Awards:**

S.No.	Medal	Year	No. of students receiving the medal
1	Balaji Gold Medals (10 Grams Each)	2010-2011	1
2	Student Union Merit Awards	2010-2011	1
		2012-2013	1
		2013-2014	1
4	Bharatula Savitri Memorial Prize	2010-2011	1
		2011-2012	1
		2012-2013	1
5	Mrs. P. Gupta Meritorius Awards	2010-2011	1
		2011-2012	1
		2012-2013	1
		2013-2014	2
6.	Smt SitaNarayanMemorialMedal	2010-2011	1
		2011-2012	1
		2012-2013	1
		2013-2014	1
7.	Panchanan Maheshwari Gold Medal (Delhi University)	2011-2012	1
		2013-2014	1
8.	TERI Fellowship under Tetra Pack youth Initiative Programme	2013-2014	1

Other Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year		No. of Ranks					
			Delhi University			South Campus		
			1 st	2 nd	3 rd	1 st	2 nd	3 rd
1	2010-2011	III	1	-	-	1	-	-
		II	-	-	-	-	-	-
		I	-	-	-	-	-	-
2	2011-2012	III	-	-	-	-	-	-1
		II	-	-	-	-	-	-
		I	-	-	-	-	-	-
3	2012-2013	III	1	-	-	1	-	-
		II	-	-	-	-	-	-
		I	-	-	-	-	-	-
4	2013-2014	III	-	-	-	1	-	-
		II	-	-	-	-	-	-
		I	-	-	-	-	-	-

24. List of eminent academicians and scientists / visitors to the department

S.No.	Name	Institution	Year
1.	Prof. KS Rao	Dept of Botany, Delhi University	Feb 2011
2.	Prof. JP Khurana	Plant Molecular Biology Dept,UDSC South Campus	Feb 2011
3.	Prof Paramjeet Khurana	Plant Molecular Biology Dept,UDSC South Campus	Feb 2011
4.	Prof Daman Saluja	Ambedkar centre for Biomedical Research,Delhi University	Feb 2013
5.	Prof RS Kuhar	Department of Microbiology,South Campus	2012
6.	Prof Ashwani Pareek	School of lifeSciences,Jawaharlal Nehru University,New Delhi	March 2013
7.	Prof SB Babbar	Dept of Botany (Delhi University) New Delhi	Feb 2012
8.	Prof Ashok Bhatnagar	Dept of Botany (Delhi University) New Delhi	Feb 2013
9.	Mr. Ankit Pogula	Film Director, Sustainable Development,TERI	March 2014
10.	Dr. Ravi Bhatia	Member,Gandhi Bhawan,University of Delhi	2014

25. Seminars/ Conferences/Workshops organized & the source of funding a) National b) International**Workshops**

Workshop for Laboratory Staff in Chemical and Life Sciences organized by Botany Dept in collaboration with other departments under the DBT Sponsored Star College Programme at Sri Venkateswara College from 5-6 March 2012. Co convener- Dr. NVSRK Prasad

Conferences

- a. National Conference on Ecology and Environment management: Indian Scenario, February 2011, Department of Botany ,Sri Venkateswara college, University of Delhi. (Co convener -Dr. NVSRK Prasad)
- b. National Symposium entitled “Recent Trends in Innovative Research at Undergraduation: Science and Society” from 28th Feb-2nd March, 2013 at Sri Venkateswara College, University of Delhi.

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Year	Total No. of Students		Pass percentage***
				Appeared	Passed	
B.Sc (Honours) Botany (three year (annual/ semester) /four year programme)	10-11	By the central admission committee	I	41	41	100
			II	27	27	100
			III	17	16	94
	11-12	By the central admission committee	I	27	26	96
			II	36	31	86
			III	27	26	96
	12-13	By the central admission committee	I	23	20	86
			II	25	25	100
			III	31	23	74
	13-14	By the central admission committee	I	46	41	89
			II	23	22	96
			III	26	14	54
M.Sc. Botany (annual/ semester)	10-11	By the central admission committee		01	01	100
	11-12	By the central admission committee		01	01	100
	12-13	By the central admission committee		Nil		Nil
	13-14	By the central admission committee		Nil		Nil

27. Diversity of Students

Kindly refer Table 03 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? Data not available.

29. Student progression

Student progression	Against % enrolled			
	10-11	11-12	12-13	13-14
UG to PG				
PG to M.Phil/PhD	Department does not keep the track of all the alumni			
Ph.D. to Post-Doctoral				
Employed Campus selection/Other than campus recruitment				

30. Details of Infrastructural facilities

- a) **Library:** The department has about 300 books available for students apart from the main library section which has around 600 books. Botany Journals and magazines are available in the main college library.
- b) **Internet facilities for staff and students:** There is a common Information and communication Technology centre (ICT) facility available to all the students and faculty members. In Botany Department also there is a separate computer and printer facility for the Staff.
- c) **Total number of class rooms:** No designated classroom is available for individual course Classrooms are available as per the allocation by Time Table committee..
- d) **Class rooms with ICT facility:** Around 15 classrooms in the college have ICT facility which is used by Botany Department as per the requirement.
- e) **Students' laboratories-** The Department has 2 laboratories and one Botanical museum available for the students
- f) **Research laboratories –CIF** (Central instrumentation facility)
- g) **Botany Museum-**Seating capacity for 25 students

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students	
	Life sciences	Botany
2010-11	10	02
2011-12	03	01
2012-13	16	00
2013-14	18	6
2014-15	8	15

32. Details on student enrichment programme (special lectures / workshops / seminar) with external experts.

In addition to strict adherence to academic calendar of the college, the students are expected to complete assignments which include Power Point presentations, group work, assignments, discussions and field trips to academic institutes, biodiversity parks, excursions etc.

The Botany Department incorporates the Indian philosophy of holistic development. In order to facilitate the overall personality of the students, the cultural fest INVOLUCRE is organized every year where there is an amalgamation of academic and cultural activities for the students. Orientations for the newly admitted FYUP students, Cultural Programmes, Inter-Class

Competitions, Guest Lectures, Industrial Visits, Subject specific Guest Lectures, Information and Technology (IT) Workshops, Student Exchange Programmes and many more extra-curricular activities are being conducted. The students are encouraged to participate in various Inter-Collegiate Competitions and have done so with distinction and aplomb.

(Details of workshops, conferences and Lectures are already presented in point no. 25)

Event		Duration	External experts
Excursions	Kangra Herbal institute Dharamshala (Himachal Pradesh)	September, 2012	-
	Dalhousie	September 2013	
	Jim corbette National Park and Nainitaal	September, 2011	-
	Maharana Pratap Agriculture University, Udaipur	June, 2013	-
	Nainitaal and corbette park	September, 2014	
	Tirumala Tirupati Devasthanams Students Exchange Programme	23 rd -28 th , January, 2014	Principal (Dr. Gnana Kumari), Sri Padmavati Women College Dr. M. Christopher, Principal, SV Arts College Shri O. Balaji (F.A. & C.A.O., TTD) Executive Officer Sri M.G. Gopal, (IAS) Joint Executive Officer Sri Sreenivasa Raju (IAS)Tirupati Joint Executive Officer Sri Pola Bhaskar (IAS)Tirumala
	Central Arid Zone Research Institute CAZRI ,Jodhpur,Rajasthan	September 2014	
Lab Visits	Indian Agricultural Research Institute (IARI)-Seed division	2012-2013	
	Ambedkar centre for Biomedical Research ,Delhi University	2012-13	Prof Daman Saluja
	Department of Botany, North Campus	2013	Prof Suman Lakhnupal

	School of Life Sciences, Jawaharlal Nehru University, New Delhi.	2012-2013	Prof Ashwani Pareek
	NBPGR, Pusa, New Delhi	2010	Dr. KV Bhat
Field trips	Yamuna Biodiversity Park, Wazirabad	For Environmental Studies project	
DBT Star College Project		Every year many students are working under DBT Star College projects	
Antardhwani Innovation Plaza		Delhi University organizes its annual fest Antardhwani where all the Innovative project students display their work annually	

33. Teaching methods adopted to improve student learning

- a. Chalk and Board.
- b. Power Point Presentation
- c. OHP Presentation
- d. Audio-Visual aids
- e. Case Study Method
- f. Group Discussion Method
- g. Co-operative Learning.
- h. City and Outstation Excursions
- i. visit to Labs/ Biodiversity Parks etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Under the aegis of various Social Societies of SVC viz. **Equal opportunity cell, Parivartan , Women Development centre** students of our department are actively involved.

35. SWOC analysis of the department and Future plans

Strengths:

- ❖ Highly qualified faculty with expertise in contemporary areas of Botany like Genetics, Environment Management and also core botany subjects i.e. biodiversity.
- ❖ Research exposure to students by in house projects and other funded projects.
- ❖ Using novel ideas to make the teaching learning process more learners centric.

Weakness: Current higher education scenario is undergoing fast changes. The faculty need more time to reorient themselves towards new situation. For conceptual as well as practical experience clarity more time is required.

Opportunities

To conduct cross-faculty courses, new avenues for interdisciplinary research, involvement of the corporate sector.

Challenges

The classical discipline have their primary importance in building foundations for good research. However, the industrial connect is necessary to identify the goals. Hence, the vocational element of pedagogy needs to be cultivated so that students remain motivated and confident after acquiring skills in plant sciences to maintain the quality and standard of teaching learning process.

Future Plan

- a) Organizing National and International Level Seminars/conferences/Workshops Sponsored by UGC.
- b) Conducting more guest lecturers inviting expertise from the relevant field
- c) Collaboration with foreign universities under Exchange Programmes.
- d) Giving students experience of small research projects and papers
- e) Expansion of infrastructural facilities in the Department

EVALUATIVE REPORT OF DEPARTMENT OF CHEMISTRY

1. Name of the department: Chemistry

2. Year of Establishment: 1973

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

UG: Bachelor in Science (Honours), three year course

PG: Masters in Science

4. Names of Interdisciplinary courses and the departments/units involved

Department of Chemistry participates in the teaching of following courses along with the Department of Botany, Zoology and Biochemistry.

- a) B. Sc. (Programme) Life Sciences
- b) B. Sc. (Honours) Biological Sciences

5. Annual/ semester/choice based credit system

UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP

6. Participation of the department in the courses offered by other departments

Department of Chemistry has been participating in the following courses offered by the respective departments:

- a) B.Sc. (Honours) Bio-chemistry
- b) B.Sc. (Honours) Mathematics
- c) B.Sc. (Honours) Physics
- d) B.Sc. (Honours) Botany
- e) B.Sc. (Honours) Zoology

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

8. Details of courses/ Programmes discontinued (if any) with reasons:

Nil

9. Number of teaching posts:

Kindly refer Table 7 of SSR

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided
Dr. S. K. Khurana#	Ph.D.	Associate Professor	Organic Chemistry	42	Nil
Dr. Y.K. Bhoon#	Ph.D.	Associate Professor	Inorganic Chemistry	40	Nil
Dr. V.C. Rao#	Ph.D.	Associate Professor	Inorganic Chemistry	40	Nil
Dr. S.K. Oberoi	Ph.D.	Associate Professor	Physical Chemistry	39	Nil
Dr. Vijay Verma	Ph.D.	Associate Professor	Inorganic Chemistry	33	Nil
Dr. R.P. Singh	Ph.D.	Associate Professor	Organic Chemistry	37	2
Mr. H.C. Tandon	M.Sc.	Associate Professor	Physical Chemistry	32	Nil
Dr. Mercy Jacob	Ph.D.	Associate Professor	Inorganic Chemistry	27	Nil
Dr. Vibha Saxena	Ph.D.	Associate Professor	Inorganic Chemistry	26	Nil
Dr. Sanjay Kumar	Ph.D.	Associate Professor	Physical Chemistry	18	Nil
Dr. Sharda Pasricha	Ph.D.	Associate Professor	Organic Chemistry	18	Nil
Dr. Shefali Shukla	Ph.D.	Assistant Professor (Temporary)	Organic Chemistry	14	Nil
Dr. Pragya Gahlot*	Ph.D.	Assistant Professor	Physical Chemistry	8.5	Nil
Mr. Harshvardhan Meena*	M.Sc.	Assistant Professor	Inorganic Chemistry	6.5	Nil
Mr. Amit Kr. Gautam*	M.Sc.	Assistant Professor	Organic Chemistry	5.5	Nil
Dr. Vinita Kapoor*	Ph.D.	Assistant Professor	Physical Chemistry	5	Nil
Dr. Pooja Singh*	Ph.D.	Assistant Professor	Organic Chemistry	1.5	Nil
Dr. Ravinder Kumar*	Ph.D.	Assistant Professor	Inorganic Chemistry	2.5	Nil
Dr. Deepti Sharma*	Ph.D.	Assistant Professor	Organic Chemistry	0.5	Nil

Dr. Shikha Gulati*	Ph.D.	Assistant Professor	Inorganic Chemistry	3	Nil
Dr. Manju Saroj*	Ph.D.	Assistant Professor	Physical Chemistry	3.5	Nil
Mr. Jagram Meena*	M.Sc.	Assistant Professor	Inorganic Chemistry	5	Nil

Retired

*Presently working Adhocs.

11. List of senior visiting faculty: Nil**12. Percentage of lectures delivered and practical classes handled (Programme wise) by temporary faculty**

Programme	Percentage of classes(theory and practicals) handled by temporary/ad-hoc faculty
B.Sc. (Hons.) Chemistry	All teachers are taking periods according to the norms by UGC/ Delhi university.
B.Sc. (Programme) Life Science	
B.Sc. (Hons.) Bio-chemistry / B.Sc. (Hons.) Mathematics/ B.Sc. (Hons.) Botany/B.Sc. (Hons.) Zoology	

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 18		Total No. of Students				Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.	Total	
1.	B.Sc. (H) Chemistry	72	68	84	224	In Hons. Course- 1:12
2.	Generic Elective	44	--	--	44	Other than Hons Course 1:12
3.	B.Sc. (H) Biological Science	40	--	---	40	
4.	B.Sc. Life Science	124	105	---	229	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

YEAR→ POSTS ↓	10-11		11-12		12-13		13-14		14-15	
	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted
Technical Assistant	1	1	1	1	1	1	1	1	1	1
Lab Assistants	16	12	16	12	16	12	16	12	16	12
Lab Attendants	11	5	11	5	11	6	11	5	11	5

15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ MPhil / PG.

Details listed in point no. 10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Number of faculty: 06

Total grants received: Detailed information is provided in point 17

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received**Undergraduate Innovative Projects:** Kindly refer to Table 8 of SSR
Research Projects:

Name of faculty member	Project	Title of the project	National/ International	Funding Agency	Grant	Tenure
Dr. R.P Singh	• Major project	Computational approach of architecture and tailoring of novel perfluorinated molecules used as potential fire extinguishants.	National	DRDO, Defence Ministry, Government of India	14.86 Lakh	2008-2011
	• Major project	Design, synthesis and characterization of novel fluorinated phosphorous and nitrogen containing compounds used as potential fire extinguishants.	National	DRDO, Defence Ministry, Government of India	39.50 Lakh	2011-15
	• Patents	A national patent on the invention "A process for preparing aryl fluoroalkyl ethers". Indian Patent no. 1097/DEL/2014 "Aryl alkyl ethers and method thereof" Indian Patent no. 2406/DEL/2015				
Dr. Sharada Pasricha	• UGC Project 2009-12	Asymmetric reductive amination of carbonyl compound using		UGC		

		chiral ionic liquid				
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18. Research Centre /facility recognized by the University: Nil**19. Publications:**

The details of publications and books authored by faculty members from 2010-15 are given:

Faculty Name	Publications	ISSN	Impact Factor
Dr. R. P. Singh	Antioxidant and antibacterial evaluation of substituted thiols synthesized by a kinetically fast, economic and environment friendly approach. Sandeep Garg, Brijesh Rathi, Pankaj Attri, Yasha Tyagi, Vineet Sharma, Taruna Arora, Rambabu, Rishi Pal Singh, Ravindra Kumar, Journal of Pharmacy Research, (2011), 4(1), 171-74	0974-6943	2.667
	“Depletion of the ozone layer and its consequences-a review” Anjali Aggarwal, Reeta Kumari, Neeti Mehla, Deepali, Rishi Pal Singh, Sonal Bhatnagar, Kameshwar Sharma, Kuldeep Sharma, Amit Vashishtha and Brijesh Rathi, American Journal of Plant Sciences (2013), 4, 1990-1997	2158-2750	0.36
	Hydroxyethylamine based small molecules as Inhibitors of BACE-1 (A review)” Amit Kumar, Taruna Singh, Sonal Bhatnagar, Reeta Kumari and Rishi Pal Singh, Journal of Integrated Science and Technology 2014, 2(1), 5-8	2321 – 4635	NIL
	Synthesis of 1,4-dihydropyridine derivatives and their biological activities evaluation against Aspergillus Fumigatus. Ashok K. Prasad, Raju Brahma, Jyotirmoy Maity, Rajpal Singh, R. P. Singh, G. L. Sharma, Virinder S. Parmar, Indian Journal of Chemistry, Section B, communicated	0975-0983	
	BrettPhos ligand supported palladium-catalyzed C-O bond formation via electronic pathway of reductive elimination: Fluoroalkoxylation of activated aryl halides. T. Mohan Rangarajan; Rajendra, Singh; Raju, Brahma; Kavita, Devi; Singh, R. P(*); Ashok, K Prasad, Chemistry - A European Journal, Accepted for publication, (2014).	1521-3765.	
	Microalgae(a review): An emerging tool in Green Nanotechnology Shruti Sharma, Aishwarye Sharma, Snehadri Sinha, P. Hemalatha Reddy, Amit Vashishtha, Rishi Pal Singh and Brijesh Rathi. American Scientific Publishers, USA (2013), 2000-2013		
	Mild and efficient palladium/BrettPhos-catalyzed methoxylation and deuteriomethoxylation of activated aryl bromides • Tetrahedron Letters, Volume 56, Issue 17, 22 April 2015, Pages 2234-2237 • T.M. Rangarajan, Raju Brahma, Ayushee, Ashok K.	0040-4039	2.73

	Prasad, Akhilesh K. Verma, Rishi Pal Singh		
	Tetrahedral Hydroxyethylamine: A Privileged Scaffold in Development of Antimalarial Agents, Sharma, Prem; Singh, R. P.(*). Chem. Biol. Lett. (2014), 1(1), 11-13	2347-9825	
Mr. H.C. Tandon	Quantam chemical and experimental characterization of the effect of ziprasidone on the corrosion inhibition of steel in acid media. S.E.Nataraja, T.V.Venkatesha, H.C.Tandon, B.S.shylesha, corrosion.science 53 (2011) 4109-4117	0010-938X	3.615
	Inhibition of the corrosion of the steel in hydrochloric acid solution by some organic molecules containing the methylthiophenyl moiety. [S.E.Nataraja, k.manjunantha, bojapoojary, M.K.Pavithra, H.C.Tandon, corrosion science 53 (2011) 2651-2659	0010-938X	3.615
	Computational and experimental evaluation of the acid corrosion inhibition of steel by tacrine [S.E.Nataraja, T.V.Venkatesha, H.C.Tandon, corrosion science 60 (2012)214-223	0010-938X	3.615
	Inhibition of the mild steel corrosion by rabeprazole sulfide, corrosion science, volume60, july2012, pages 104-111 (M.k.pavithra, T.V.Venakatesha, M.K.Punithkumar, H.C.Tandon	0010-938X	3.615
	Photophysical properties and estimation of ground and excited state dipole moments of 7-Diethylamino and 7-Diethylamino-4-methyl coumarin dyes from absorption and emission spectra, Mudassir M. Husain, Rajeev, H.C. Tandon [European Journal of Chemistry 3 (1) 2012]	2153-2249	
	Determination of excited singlet-state dipole moments of hydroxyl and metoxycoumarins using solvatochromic method, Mudassir M. Husain, Rajeev, H.C. Tandon [European Journal of Chemistry 3 (1) 2012	2153-2249	
	Theoretical Study of H-bond complexes of Nitrous acid with Fluoromethanes, H.C. Tandon, Mudassir M. Husain J. Indian Chem. Soc. 88, 2 (2011)	0019-4522	
	Ab initio and DFT study of the electronic state, geometry and harmonic frequencies of OBBO...HX (X=F, Cl, Br) intermolecular complexes, Mudassir M. Husain, Vibha Sexana H.C. Tandon J. Indian Chem. Soc. 87 (2010)	0019-4522	
	Quantum chemical study of the structures, stability and vibrational spectra of the nitrous acid complexes with B ₂ O ₂ and C ₂ N ₂ molecules, H.C. Tandon, Mudassir M. Husain, Asha Tandon J. Indian Chem. Soc. 87,4 (2010)	0019-4522	

Dr. Vibha Saxena	Ab initio and DFT study of electronic state, geometry and harmonic frequencies of OBBO.....HX (X=F, Cl, Br) intermolecular complexes. J. Indian Chem. Soc. 87 (2010)	0019 4522	
Dr. Sanjay Kumar	A review on mechanisms of Anti tumor activity of chalcones Anti-Cancer Agents in Medicinal Chemistry, Volume 15, Accepted Rahul Sharma, Rakesh Kumar, Rishi Kodwani, Sukriti Kapoor, Anukriti Khare, Ritu Bansal, Sonali Khurana, Sandhya Singh, Jennifer Thomas, Bornika Roy, Rajendra Phartyal, Shukla Saluja and Sanjay Kumar.	1875- 5992	2.496
Dr. Sharada Pasricha	An Efficient synthesis of three benzyl chromones: Potent antioxidants, antifungal and anti-allergic agents. Year of publication :-2012 Journal: journal of pharmacy research	0974- 6943	2.66
	Asymmetric reductive amination of carbonyl compound using N,N,N-tributylpropanaminium based novel chiral ionic Liquid. Year of publication :- 2013 Journal : International journal of organic chemistry	2161- 4695	1
Dr. Brijesh Rathi	Singh, A.; Balachandran, V.; Vijayan, N.; Bahadur, V.; Tiwari, H.; Singh, B. and Rathi, B. (*) "Synthesis, Structural Aspects and Nonlinear Optical Properties of Novel Phthalimide Derivatives: Theoretical and Experimental Approach" J. Phys. Org. Chem. In Press *Corresponding Author	1099- 1395	1.578
	Krishna, A.; Thukral, K.; Vijayan, N.; Riscob, B.; Haldhar, S.; Rathi, B.; Jacob, P. "Synthesis and single crystal growth of L-proline cadmium chloride monohydrate and its characterization for higher order harmonic generation applications" CrystEngComm, 2013, DOI: 10.1039/C3CE41957F	1466- 8033	4.069
	Kishan, R.; Vijayan, N.; Rupini, B.; Singh, R.; Kumar, Y. and Rathi, B. (*) "Structural Aspects, Biological and Nonlinear Optical Response of New N,N'-Di(2-tolyl)formamidinium Tosylate" Adv. Chem. Lett. 2013, 1, 134-139 *Corresponding Author	2326- 7488	
	Rupini, B.; Sharda, P.; Rathi, B. (*) "Asymmetric Reductive Amination of Carbonyl Compounds by Using N,N,N-Tributylpropanaminium Based Novel Chiral Ionic Liquid" Int. J. Org. Chem., 2013, 3, 190-193.	2161- 4695	0.54
	Aggarwal, A.; Kumari, R.; Mehla, N.; Deepali, Bhatnagar, S.; Sharma, K.; Sharma, V.; Rathi, B. (*) "Depletion of the Ozone Layer and Its Consequences: A Review" Am. J. Plant Sci., 2013, 4, 1990-1997	2158- 2750	0.27

	*Corresponding Author		
	Vijayan, V.; Philip, J.; Haranath, V.; Rathi, B.; Bhagavannarayana, G.; Halder, S.; Roy, N.; Jayalakshmy, M. S. and Verma, S. "Bulk growth of ninhydrin single crystals by solvent evaporation method and its characterization for SHG and THG applications" SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy 2014, 122, 310-314	1386-1425	2.098
	Kumari, R.; Rathi, B.; Rani, A.; Tiwari, S.; Bhatnagar, S.; "Rauvolfiaserpentina L. Benth. exKurz.: Phytochemical, Pharmacological and Therapeutic Aspects" Int. J. Pharmaceut. Sciences Review and Res. 2013 In Press	0976-044X	1.704
	Rani, N.; Vijayan, N.; Riscob, B.; Jat, S. K.; Das, S.; Bhagwannarayan, G.; Rathi, B.; Wahab, M. A. "Single Crystal Growth of Ninhydrin by Unidirectional Sankaranarayanan-Ramasamy (SR) Method by Using Glass Ampoule For Non-linear Optical Applications" CrystEngComm, 2013,15, 2127–2132	1466-8033	4.069
	Sinha, S.; Sharma, A.; Reddy, H.; Vashishtha, A.; Rathi, B. and Prasad, N.V.R.S.K. "Evaluation of phytochemical and pharmacological aspects of Holarrhena antidysenterica (Wall.): A comprehensive review" J. Pharm. Res. 2013,6, 488-492	0974-6943	
	Vijayan, N. ; Rani, N. ; Madhurambal, G. ; Bhagavannarayana, G. ; Rathi, B. ; Philip, R. ; Safakath, K. ; Mojumdar, S. C. 'Synthesis, growth, and characterization of iminodiacetic acid monohydrochloride' J. Thermal Analysis and Calorimetry 2013,112, 1113-1119	1572-8943	1.604
	Vijayan, N.; Bhagwannarayan, G.; Halder, S. K.; Verma, S.; Philip, J. Rathi, B. "X-ray Topography, Photopyroelectric and Two-photon Absorption Studies on Solution Grown Benzimidazole Single Crystal" Appl. Phys. A 2013, 110, 55-58	1432-0630	1.630
	Bhatia, H.; Kaur, J.; Nandi, S.; Gurnani, V.; Reddy, H.; Vashishtha, A.; Rathi, B. (*) "A Review on Schleicheraleosa: Pharmacological and Environmental Aspects" J. Pharm. Res. 2013, 6, 224-229	0974-6943	
	*Corresponding Author		
	Vashishtha, A.; Rathi, B.; Kaushik, S.; Lakhanap, S. "Phloem sap analysis of Schleicheraleosa (Lour) Oken, Buteamonosperma (Lam) Taub. and Ziziphus mauritiana (Lam) and hemolymph of Kerrialacca (Kerr) using HPLC and tandem mass spectrometry" Physiology and Molecular Biology of Plants 2013, 19, 537-545	0974-0430	

	Bhatia, H.; Kaur, J.; Nandi, S.; Gurnani, V.; Chowdhury, A.; Reddy, H.; Kishan, R.; Vashishtha, A.; Rupini, B.; Rathi, B. (*) "Versatile Applications of Bryonia laciniata: A Herbal Drug" Drug Invention Today 2012, 4, 546-547 *Corresponding Author	0975-7619	
	Rani, N.; Vijayan, N.; Rathi, B.; Bhagavannarayana, G. "Studies on the effect of polymer coating on solution grown hygroscopic non-linear optical single crystal of L-lysine monohydrochloride" Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 2012. 97, 871-875	1386-1425	2.098

Books

Faculty Name	Books/Chapters Authored	Title	ISBN number
Dr. Sanjay Kumar	Book	"Science and Life"	978-93-5071-309-9
Dr. Sanjay Kumar	Book	"Environmental Studies"	978-93-5071-736-3

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

Dr. R.P. Singh, Member of Departmental Research Committee (DRC), University of Delhi.

22. Student projects

Percentage of students who have done in-house projects including inter departmental / Programme

19 students (~ 10 %) are involved in the projects undertaken by the department.

S.No.	Course	Year	Project	No. of Students	No. of Students (%)
1.	B.Sc. (H) CHEMISTRY	2012-13	SVC Innovation Project (SVC-101)	5	2%
			SVC Innovation Project (SVC-103)	2	2%
			SVC Innovation Project (SVC-106)	3	2%
		2013-14	DBT Star College Project	2	1%
			SVC Innovation Project, (SVC-204)	7	5%
			SVC Innovation	5	4%

			Project(SVC-208)		
			SVC Innovation Project (SVC-209)	2	1%
		2014-15	SVC Innovation Project, (SVC-204)	7	5%
			SVC Innovation Project(SVC-208)	5	4%
			SVC Innovation Project (SVC-209)	2	1%
		2014-15	SVC Innovation Project, (SVC-303)	7	5%
			SVC Innovation Project, (SVC-311)	7	5%
			SVC Innovation Project, (SVC-313)	7	5%

a) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

~5% of students

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Table 8 of SSR

Awards/Recognitions received by students:

S. No.	Medal	Year	No. of students receiving the medal
1	SCIENCE MERITORIOUS AWARD	2010-2011	6
		2011-2012	7
		2012-2013	8
		2013-2014	8
		2014-2015	6
2	BALAJI GOLD MEDALS(10 GRAMS EACH)	2010-2011	1
		2011-2012	
		2012-2013	1
		2013-2014	
		2014-2015	
3	BALAJI GOLD MEDALS(5 GRAMS EACH)	2010-2011	
		2011-2012	2
		2012-2013	1
		2013-2014	1
		2014-2015	
4	SRIMATI VELAGALETY SUVARCHALAMBA MEMORIAL PRIZES	2010-2011	1
		2011-2012	1
		2012-2013	1
		2013-2014	1
		2014-2015	
5	G. SABRINATH MEMORIAL	2010-2011	1

	AWARD	2011-2012	1
		2012-2013	1
		2013-2014	1
		2014-2015	
6	SRI PADMAVATI AMMAVARI MEDALS	2010-2011	-
		2011-2012	1
7	BHARATULA SAVITRI MEMORIAL PRIZE	2010-2011	1
		2011-2012	1
		2012-2013	1
		2013-2014	1
8	LORD VENKATESWARA MERIT AWARDS	2013-14	1
9	LATE DR. V KRISHNAMOORTHY CASH PRIZE	2011-2012	1
		2012-2013	1
		2013-2014	1

Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year	No. of Ranks
1	2009-2010	11
2	2010-2011	4
3	2011-2012	3
4	2012-2013	9
5	2013-2014	4

24. List of eminent academicians and scientists/visitors to the department

1. Prof. R.K Sharma, Department of Chemistry, University of Delhi
2. Prof. Rita Kakkar, Department of Chemistry, University of Delhi
3. Prof. Nalin Pant, Department of Chemistry, Indian Institute of Technology, Delhi
4. Prof. T.P Singh, Department of Bio-physics, AIIMS, Delhi.
5. Prof. M.N Gupta, Department of Biochemistry, Indian Institute of Technology, Delhi
6. Dr. A.K Adholeya, The Energy and Resources Institute, Delhi
7. Prof. Goverdhan Mehta, FNA, FRS, Former Director of IISc Bangalore, National Research Professor and Lilly-Jubliant Chair, University of Hyderabad.
8. Prof. Charusita Chakravathy, Department of Chemistry, Indian Institute of Technology, Delhi
9. Prof. H.M Chawla, Department of Chemistry, Indian Institute of Technology, Delhi
10. Prof Rajiv Bhat, Department of Biochemistry, JNU, New Delhi
11. Prof. P. Balaram, Former Director of IISc. Bangalore

25. Seminars/ Conferences/Workshops organized & the source of funding a)
National b) International

1. National Seminar to celebrate International Year of Chemistry 2011 funded by University Grant Commission
2. National workshop on “Recent Trends in Chemistry” held in March 2012 funded by DST under star college Programme.
3. CHEMIXON- The cheminformatics workshop by VansScientific, held in Feb, 2015 funded by DST under Star college programme

26. Student profile Programme/Course wise:

Name of the course/ Programme	Year	Applicati ons received (DU/SVC)	Selected *	Enrolled		Total	Pass percentage** *	
				** M	**F			
B.Sc (Hons.) Chemistry (three year (annual/ semester) /four year Programme)	10-11	Applications under Central Admissions of the University	216	75	95	170	99.5	
	11-12		87	30	30	60	96.6	
	12-13		95	40	28	68	94.7	
	13-14		100	71	28	99	88.6	
	14-15			47	29	76	95	
M.Sc. Chemistry (annual/ semester)	10-11			10	3	7	10	100
	11-12			11	3	8	11	95
	12-13			13	6	7	13	90.9
	13-14			12	4	8	12	91.67
	14-15				6	7	13	92

**This data is of only First Year Chemistry (Hons.) students*

***M = Male; **F = Female *** Pass percentage is for all first, second and third year Chemistry (Hons.) students.*

27. Diversity of Students

Kindly refer Table 03 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

The Department of Chemistry does not keep any such record as students take up these exams after completing their Post graduate/Under graduate Degree.

29. Student progression

Student progression	Against % enrolled				
	09-10	10-11	11-12	12-13	13-14
UG to PG/M/Phil/PhD	13.7	20	10.5	19.68	17.32
Ph.D. to Post-Doctoral					
Employed :Campus selection/Other than campus recruitment					
Entrepreneurship/ Self-employment					

30. Details of Infrastructural facilities

- a) Library
- Departmental Library: The Department of Chemistry maintains its own departmental library having 250-300 books for different specializations from well-known Indian and Foreign authors and publishers. Students can have access to these books throughout the academic session and during examination period.
 - College Library: There is a separate section for chemistry books in the main library of the college with a collection of ~ 7000 books. Chemistry journals and magazines are also available in the main college library.
- b) Internet Facilities for staff & students
- Department uses the internet facilities provided by the college in Information and Communication Technology Centre (ICT) of the college for its staff and students. There is faculty lab as well as student lab with Wi-Fi and printer facility in ICT.
- c) Class rooms with ICT facility
- Around 20 classrooms are equipped with ICT facility in the college. The Department of Chemistry uses these rooms for teaching Programme involving power point presentations.
- d) Laboratories
- The Department has three well equipped laboratories and one instrumentation room which houses the latest instruments required as per student's curriculum such as conductivity

meters, Potentiometers, pH meters, Flame Photometers, Spectrophotometers, etc. Also there is one separate room where ~10 digital balances are available. A separate sitting space for laboratory supporting staff is provided in each lab.

31. Number of students receiving financial assistance from College, university, government or other agencies

Year	No. of students
2010-2011	9
2011-2012	5
2012-2013	12
2013-2014	7
2014-2015	23

32. Details on student enrichment Programmes (special lectures /workshops / seminar) with external experts

List of special lectures / workshops / seminar for the period 2010-2015		
Event	External experts	Institution(s)
Chemical Society Seminar (Oct, 2010)	Prof. R.K Sharma Prof. Rita Kakkar	Department of Chemistry, University of Delhi Department of Chemistry, University of Delhi
International Year of Chemistry(IYC) Celebrations (31 st Oct, 2011)	Prof. Nalin Pant Prof. T.P Singh	Department of Chemistry, Indian Institute of Delhi All India Institute of Medical Science
Chemical Society Lecture (2011)	Prof. R.K Sharma	Department of Chemistry, University of Delhi
Chemical Society Seminar (2012)	Prof. M.N Gupta Prof. R.K Sharma	Department of Biochemistry, Indian Institute of Delhi. Department of Chemistry, University of Delhi.
National workshop on Recent trends in Chemistry (20-22 March,2012)	Dr. A.K Adholeya	The Energy and Resources Institute.
Chemical Society Seminar (March, 2013) and Dr. V. Krishnamoorthy memorial lecture	Prof. Goverdhan Mehta, FNA, FRS	Ex-Director IIScBanglore, National Research Scholar, University of Hyderabad.
Chemical Society Seminar (Oct, 2014) Dr. V. Krishnamoorthy memorial lecture (Feb, 2014)	Prof. Charusita Chakravarthy Prof. H.M Chawla	Department of Chemistry, Indian Institute of Technology, Delhi Department of Chemistry, Indian Institute of Technology, Delhi
Chemical Society Seminar (Feb 2015)	Prof. Rajiv Bhat	Department of Biochemistry, JNU
Dr. V. Krishnamoorthy	Prof. P. Balaram	Former director, IISc, Bangalore

memorial lecture (Feb 2015)		
Chemixon – Cheminformatics workshop (Feb 2015)	Mr. Surojit Sadhu	Application Scientist, Vans Scientific Information (P) Limited., Mumbai, Maharashtra
Chemical Society Lecture (April, 2015)	Prof. Gurmeet Singh	Department of Chemistry, University of Delhi
Chemical Society Lecture (Sept, 2015)	Prof. Ram S. Mohan	Illinois Wesleyan University, Bloomington, USA
Chemical Society Lecture (Sept, 2015)	Prof. A. K. Bakhshi	Department of Chemistry, University of Delhi

33. Teaching methods adopted to improve student learning

1. Traditional Lecture Method using chalk and talk
2. Interactive Method by conducting presentations and group discussions
3. Project based learning Chemistry
4. Computer softwares (such as Hyperchem, Chemdraw, Argus Lab) are used to study atomic and molecular properties.
6. Use of models and charts depicting models and concept maps
7. Educational and Industrial visits for the assimilation of subject on various synthetic and relevant properties for the benefit of chemistry students.
8. Student seminars
9. Improvisation of the established protocols for practical exercises in the laboratory.
10. Implementation of environmental friendly laboratory experiments by employing Green chemistry methods.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

In addition to regular academic activities, the students and the faculty regularly participate in the social activities and the Programmes organized by the college societies namely Equal Opportunity Cell and Parivartan. These societies work for the welfare of differently abled students and weaker section of the society.

35. SWOC analysis of the department and Future plans

Strength:

1. The department provides quality education. This is possible due to highly qualified, dedicated and hardworking faculty which in turn attracts the best talent amongst the students from different parts of the country as well as other countries.
2. The faculty of the department contributes immensely to the corporate life

of the college.

3. Our students are the biggest asset of the department as they brought laurels to the college in the form of University toppers regularly. They secure admissions to further studies in prestigious institutions of higher studies such as IIT, IISC, TIFR, BARC, JNU and international institutions such as Maxplank Institute.
4. The department offers best-in-class infrastructural facilities to its students such as state-of –the-art lecture halls and environmental friendly laboratories.
5. The laboratory staff in the department is well qualified and equipped with handling wet labs as well as instrumentation lab. They are supportive and hard working.

 **Weakness:**

1. We are constrained to carry out advanced level of research work for the want of space and equipment. More research/laboratory space would help the department to promote research oriented activities and further growth in the future.

 **Opportunities:**

The department will look forward

1. to establish foreign collaborations
2. to set up more research centers
3. to bag more projects
4. to organize International conferences, workshops and seminars more often

 **Challenges:**

1. To maintain the values and ethics envisioned by the founding members of the college
2. To maintain the quality and standard of teaching-learning process

 **Future Plans:**

1. To inculcate and focus more on research in the form of innovative projects for all the students.
2. To add latest teaching aids /technology and instruments to the existing infrastructure.
3. To encourage Foreign collaborations

EVALUATIVE REPORT OF DEPARTMENT OF COMMERCE

1. **Name of the department :** Commerce
2. **Year of Establishment:** 1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
 The Commerce Department offers following Programmes /Courses:
 - i. B. Com. (Honours)
 - ii. B. Com
4. **Names of Interdisciplinary courses and the departments/units involved**
None
5. **Annual/ semester/choice based credit system**
 UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
6. **Participation of the department in the courses offered by other departments**
None
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Presently nil.
8. **Details of courses/programmes discontinued (if any) with reasons**
Presently nil.
9. **Number of Teaching posts**
Kindly refer to Table 07 of SSR
10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided
Dr. Rajender Kumar	Ph.D, M.Com, LLB, DCL	Associate Professor (retired)	Law and Accounts	41	NIL

Dr. Sarvesh Kumar	Ph.D, M.Com	Associate Professor	Income tax	41	NIL
Dr. V.S.P Rao	Ph.D., M.Com	Associate Professor (retired)	Management , HRM, Organisational Behaviour, and Entrepreneurship	40	NIL
Mr. V.P Jain	M.Com	Associate Professor	Accounting	40	NIL
Dr. S. Venkata Kumar	Ph.D, M.Phil, M.Com, PG Dip(PM,IR,L W)	Associate Professor	Law, Industrial Relations and Taxation	28	NIL
Ms. Sunita Chhabra	M.Phil, M.Com	Associate Professor	Marketing	23	NIL
Dr. Mamta Arora	Ph.D., M.Phil, M.Com	Associate Professor	Finance	24	NIL
Dr. Shruti Mathur	Ph.D., M.Phil, M.Com, DOEACC 'O' Level	Assistant Professor	Finance	11	NIL
Ms. Pooja Jain*	M.Phil, M.Com, Ph.D (pursuing)	Assistant Professor	Marketing	7	NIL
Dr. Sindhumani Bag*	Ph.D, M.Phil, M.Com	Assistant Professor	Business and Corporate Law	6	NIL
Dr. Vinod Kumar*	Ph.D, M.Phil, MBA, M.Com	Assistant Professor	Finance	2	NIL
Ms. Neha Singhal*	M.Com, Ph.D (Pursuing)	Assistant Professor	Marketing	3 years & 2 months	NIL
Ms. Shilpa*	M.com	Assistant Professor	Accounting, Organization theory and behavior	7 months	NIL
Ms. Arpita Kaul*	M.Com, Ph.D (Pursuing)	Assistant Professor	Finance and Law	5 years	NIL
Ms Sushmeet Kaur*	M.Com	Assistant Professor	Finance	--	NIL
Mr. Ajit Singh*	MBA	Assistant Professor	Human Resource and Marketing	1 year	Nil

*Presently working Adhocs.

11. List of senior visiting faculty

Presently nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

The required details are tabulated below

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
B.Com. (H)	Each temporary faculty member is assigned full workload as per the university norms
B.Com. (P)	

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 14		Total No. of Students			Total	Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		
1.	B.Com. (H)	97	57	135	289	In Hons. Course- 1:21
2.	Generic Elective	85	--	--	85	Other than Hons Course 1:39
3.	B. Com (Prog.)	107	116	---	223	
4.	B.Sc. Life Science	124	105	---	229	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

The required details are tabulated below:

YEAR→ POSTS ↓	10-11		11-12		12-13		13-14		14-15	
	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	sanctioned	Filled/ Promoted
Technical Assistant	1	1	1	1	1	1	1	1	1	1

15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 8 [6 (current) + 2 (retired)]

No. of faculty members with PG = 8

Please refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

No. of faculty members with ongoing National Projects = Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Undergraduate Innovative Projects: Kindly refer Table 8

18. Research Centre /facility recognized by the University

Presently nil.

19. Publications:

Faculty Name	Books/Chapters Authored	Title	ISBN number
Dr. Shruti Mathur	Book	'Business Entrepreneurship & Management' co-authored with Dr. Rekha Dayal published by Pinnacle Learning, 2013.	ISBN: 978-81-922284-6-4
	Book	'Fundamentals of Computers and Information Systems', co-authored with Ms. Pooja Jain published by Galgotia Publishing Company, 2015.	ISBN: 81-8218-074-0.
	Chapter	Developed Lesson on Paper XII – Corporate Law titled – 'Share Capital' meant for B.Com (H) II for the Institute of Life Long Learning, Delhi university – uploaded in 2010.	--

	Chapter	Developed Lesson on Paper XII – Corporate Law titled – ‘Emerging Issues in Company Law’ meant for B.Com (H) II for the Institute of Life Long Learning, Delhi University – uploaded in 2010.	--
Ms Pooja Jain	Book	Principles of Marketing, co-authored with Neha Singhal published by Scholar Tech Press, 2014	ISBN: 978-93-82209-62-1
	Book	‘Fundamentals of Computers and Information Systems’, co- authored with Dr Shruti Mathur published by Galgotia Publishing Company, 2015.	ISBN: 81-8218-074-0.
Dr. Sindhumani Bag	Book	India’s Energy security and Central Asia (1990-2005) in 2011, by VDM Verlag Dr. Mullar Publication, Germany.	ISBN 978-3-639-34886-6
	Book	Advances in Management For Business Excellence; in 2015 by Manakin Press,	ISBN:978-93-84370-32-9
Dr. Vinod Kumar	Conference Proceedings	Foreign Direct Investment and Economic Growth of India: A Regression Analysis; Business and Management; Contemporary Research Issues, Macmillan Publications (2011). pp.657-665	ISBN No.13:978-0230-32185-4
	Conference Proceedings	Modes of Advertisement Used By Rural Populace: An	ISBN: 978-93-81505-

		Empirical Study; Researches in Business and Management: Academic and Professional Perspective, Wisdom Publications (2013); pp.404.	54-0
Ms Neha Singhal	Book	Principles of Marketing, co-authored with Pooja Jain published by Scholar Tech Press, 2014	ISBN: 978-93-82209-62-1
Ms. Arpita Kaul	Conference Proceedings	Information Communication Technology (ICT) for Credit Unions and Cooperatives; The First International Credit Union Conference on Social Microfinance and Community Development, 2011	ISBN: 978-979-1223-94-2
	Conference Proceedings	Measurement of Learning Organisations; Enhancing The People Factor: Human Resource Issues and Challenges, Narcos Publishing House Pvt. Ltd., 2012	ISBN: 978-81-8487-211-8
	Conference Proceedings	Developing Emotional Intelligence: A Practical Approach; Contemporary Issues in Human Resource Management, Spartacus India, 2011	ISBN: 978-81-920513-0-7
	Conference Proceedings	Structural Capital: Concept and its Application in Public and Private Sector Banks of India;	ISBN: 978-81-8329-670-0

		Business Rethinking in 21st Century, Shree Publishers & Distributors,2014	
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Faculty Name	Publications	ISSN
Dr. Shruti Mathur	Cross-Sectional Variation in Stock Price Reaction to Bond Rating Changes: Evidence from India' co-authored with Prof. Sanjay Sehgal published in Asian Journal of Finance & Accounting, volume 5(2) in 2013.	1946-052X
	Consumer Response To Retail Stockouts And Antecedents Thereof: A Conceptual Framework' co-authored with Prof. Sanjay Jain published in Business Analyst, Volume 32 (2), 2012.	0973-211X
Ms. Pooja Jain	Factors affecting adoption of Internet Banking , Journal of Global Research and Analysis, , December 2012, Vol 1 (2)	2278-6775
	Role of Internet Marketing in E-commerce, Research Revolution, International Journal of Social Science and Management, , September 2013, Vol 1 (12)	2319-300X
	Adoption of Internet Banking: A study with respect to various Technology Acceptance Models, Journal of Management Value and Ethics, Oct-Dec 2013, Vol 3 (4)	2249-9512
	Brand Equity:A study of its antecedents and consequences, Journal of Global Research and Analysis, June 2013	2278-6675
	Brand Equity, Research Revolution, , December 2013	2319-300X
Dr. Vinod Kumar	A study of FDI inflows at Developed Countries; Journal of Global Research and Analysis,; Vol 1 (1), June 2012	2278-6775
	Factors affecting Performance of Regional Rural Banks in India; Journal of Global Research and Analysis,; Vol 1(1), December 2012	2278-6775
	A study of FDI inflows at World level; An Analysis of Trends; International	2249-054X

	Journal Of Computing and Corporate Research, Vol. 3, Issue 6, November 2013.	
Ms. Neha Singhal	Corporate Social Responsibility- Role of Government; International Journal Of Computing and Corporate Research, Vol. 4, Issue 1, January 2014.	2249-054X
	Emerging Issues in Retailing; Journal of Commerce and Business Studies; April 2014	2322-0767
	Consumer Behavior in Organized Retail Business, Global Journal of Business Management, 2015	0973-8533.
	A study on interrelationships between CG and CSR and their impact on Consumer Behavior, National Seminar on Corporate Governance: Perspectives and Practices 2015	978-81-7844-228-0
Ms. Arpita Kaul	Human Transformation and Art of Living; The Scientific Journal for Economics and Informatics in Agriculture; Vol.13(1),February 2010	1335-2571
	Organisational Learning: A way to success; Effulgence, Vol.9(1),June 2011	0972-8058
	Organisational Development through Knowledge Management; Journal of Economic and Business, Vol.16(1),April 2011	0853-862X
	Structural Capital: Concept and its Application in Service Sector of India with Special Reference to Banking and Reality Sector; The Journal of Amity Business School, Vol.15(1), June 2014	0972-2343
Mr. Ajit Singh	‘A study on Recruitment and Selection Procedure at Infinite Computer Solution’; Asian Journal of Multidimensional Research ,Vol. 3,Issue 3, March 2014.	2278-4853
	A Study on Effects of Employees Absenteeism; Academics: An International Multidisciplinary Research	2249-7137

	Journal, Vol. 4, Issue 3, March 2014.	
	‘A Study on Identification of Training Needs’ co-authored with Ms. Sunita Yadav and Neha Agarwal published in <i>Academicia: An International Multidisciplinary Research Journal</i> , Vol. 4, Issue 3, March 2014.	2249-7137
	The Study on Effect of Brand Consciousness Among Children on Family’s Buying Behaviour’ co-authored with Ms. Sunita Yadav and Neha Agarwal published in <i>Academicia: An International Multidisciplinary Research Journal</i> , Vol. 4, Issue 2, February 2014.	2249-7137
	‘Viral Marketing As a Promotional Tool’ co-authored with Ms. Sunita Yadav and Neha Agarwal published in <i>ACADEMICA: An International Multidisciplinary Research Journal</i> , Vol. 4, Issue 2, February 2014.	2249-7137
	‘A Study on Attitudes Towards Packaged Fruit Drinks’ co-authored with Ms. Sunita Yadav published in <i>Asian Journal of Multidimensional Research</i> , Vol. 3, Issue 2, February 2014.	2278-4853
	‘A Case Study of Lizzat Co-operative on India on relation to Women Empowerment’ co-authored with Ms. Sunita Yadav and Neha Agarwal published in <i>Asian Journal of Multidimensional Research</i> , Vol. 3, Issue 2, February 2014.	2278-4853

20. Areas of Consultancy/Income

Nil

21. Faculty as members in

Dr. Venkat Kumar- University Faculty member from 2010-13

Mrs. SunitaChhabra - University Faculty member, 2013 - 2015

22. Student projects

a. Percentage of students who have done in-house projects including inter departmental / programme

The students of B.com (Hons) final year are mandatorily required to submit the project, so 100% of final year students of B. Com Hons. course have done the projects.

b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

2 Month Internship project.done by B.Com (Hons.) Final Year Students. The ratio of students involved in internships outside of college is 1:10.

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer Table 8 of SSR

Student Awards:

S.No.	Medal	Year*	No. of students receiving the medal
1	SULTAN CHAND TRUST MERIT SCHOLARSHIPS	2009-10	2
		2010-11	2
		2011-12	2
		2013-14	2
2	LATE MRS VELAGALETY CHUDAMANI MEMORIAL PRIZE - HIGHEST IN TELUGU	2009-10	1
		2010-11	1
		2011-12	1
		2013-14	2
3	STUDENT UNION MERIT AWARDS	2009-10	1
		2010-11	1
		2011-12	1
		2013-14	1
4	SRI VELAGATELY LAKSHMI NARASIMHA RAO MEMORIAL PRIZE I-SVC	2009-10	1
		2010-11	1
		2011-12	1
		2013-14	1
5	NELABH ATLA VENKATA SUBBIAH MEMORIAL AWARD I-SVC	2009-10	1
		2010-11	1
		2011-12	1
		2013-14	1
6	SRI PADMAVATI AMMAVARI MEDAL- II UDSC	2013-14	1

Other Rank Holde in the University of Delhi and University of Delhi (South Campus)

S.No.	Year		No. of Ranks					
			Delhi University			South Campus		
			1 st	2 nd	3 rd	1 st	2 nd	3 rd
1	2010-2011	III	-	-	-	-	-	-
		II	-	-	-	-	-	-
		I	-	-	-	1	-	-
2	2011-2012	III	-	-	-	1	-	-
		II	-	-	-	1	-	-
		I	-	-	-	-	-	-
3	2012-2013	III	-	1	-	-	1	1
		II	-	-	-	-	1	-
		I	-	-	-	-	-	-
4	2013-2014	III	1	-	-	-	-	1
		II	-	-	-	1	1	-
		I	-	-	-	-	-	-
5.	2014-15	III	-	-	-	-	1	-
		II	-	-	-	-	-	-
		I	-	-	-	-	-	-

24. List of Eminent academicians and scientists / visitors to the department

S.No.	Name	Institution	Duration
1	Prof. Sanjay Sehgal & Prof. Muneesh Kumar	Department of Financial Studies (University of Delhi, South Campus)	2010-11
2	Prof. K.V. Bhanumurthy	Department of Commerce, (University of Delhi)	2011-12
3	Mr. Ashim Sanyal, Mr. Narinder Rawat and Mr. Sunil Prabhakar	SEBI, New Delhi	2012-13
4	Prof. J.P. Sharma	Department of Commerce, (University of Delhi)	2013-14
5	Mr. Sriram Gopalkrisnan	Delloit	2013-14
6	Mr. Ashok Gupta	APL Apollo Ltd.	2014-15
7	Prof. J.P. Sharma	Department of Commerce, (University of Delhi)	2014-15

25. Seminars/ Conferences/Workshops organized & the source of funding a) National b) International

- a) National: The department conducted a workshop on August 17, 2012 on 'SEBI and Investor Awareness' in collaboration with SEBI. Departmental funds were used for the purpose.
- b) International: **Nil**

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected Candidates in I year	Enrolled		Pass percentage	
				*M	*F		
B.Com (H) [1 st , 2 nd & 3 rd Year]	10-11	By the central admission committee	134	64	70	I	96.70
						II	97.20
						III	100
	11-12	By the central admission committee	214	86	128	I	99
						II	93
						III	100
	12-13	By the central admission committee	118	65	53	I	97.41
						II	100
						III	97.50
	13-14	By the central admission committee	164	93	71	I	96.25
						II	100.
						III	95.85
14-15	By the central admission committee	125	67	58	I	83.05	
					II	98.01	
					III	81.45	
B.Com (P) [1st, 2nd & 3rd Year]	10-11	By the central admission committee	83	53	30	I	91.10
						II	100
						III	98.20
	11-12	By the central admission committee	115	79	36	I	97.08
						II	95.00
						III	77.61
	12-13	By the central admission committee	93	62	31	I	97.72
						II	93.90
						III	87.50
	13-14	By the central admission committee	NA	-	-	I	NA
						II	95.79
						III	86.60
14-15	By the central admission committee	117	73	44	I	92.59	
					II	NA	
					III	76.6	

*M = Male; *F = Female

27. Diversity of Students

Kindly refer Table Table 3 of SSR

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**

Data is not available with the department.

29. **Student progression**

Student progression	Against % enrolled				
	10-11	11-12	12-13	13-14	14-15
UG to PG	Data is not available with the department.				
PG to M.Phil					
PG to Ph.D.					
Ph.D. to Post-Doctoral					
EmployedCampus selection • Other than campus recruitment	Data is not available with the department.			49 students selected through campus placements	
Entrepreneurship/ Self-employment	Data is not available with the department.				

30. **Details of Infrastructural facilities**

a) **Library**

College Library: The College has a well-stocked central library for all departments. The Department of Commerce has a separate section in the library which has more than 4500 thousands books and several journals and magazines for enrichment of knowledge of students and faculty.

b) **Internet Facilities for staff & students**

Department uses the internet facilities provided by the college in Information and Communication Technology Centre (ICT) of the college for its staff and students. ICT has well equipped separate Faculty staff room as well as student lab with Wi-Fi and printer facility.

c) **Class rooms with ICT facility**

The College has fully equipped computer lab with internet and Wi-Fi facility for each Department of the College. A separate section is reserved for faculty in the main ICT lab.

d) **Laboratories**

Practical classes are assigned in computer lab.

31. **Number of students receiving financial assistance from college, university, government or other agencies**

All students belonging to SC/ST/Minorities groups receive scholarships from the university.

Year	No. of students
2010-11	03
2011-12	05
2012-13	12
2013-14	12
2014-15	23

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

S.No.	Name	Year	Topic of lecture/ Workshop
1	Prof. Sanjay Sehgal & Prof. Muneesh Kumar	2010-11	<ul style="list-style-type: none"> Capital Market Efficiency E Commerce and Financial Products
2	Prof. K.V. Bhanumurthy	2011-12	<ul style="list-style-type: none"> Environmental Sustainability
3	MrAshimSanyal, Mr.NarinderRawat& Mr. Sunil Prabhakar	2012-13	<ul style="list-style-type: none"> SEBI and Investor Awareness.
4	Prof. J.P. Sharma	2013-14	<ul style="list-style-type: none"> Salient Features of Companies Act, 2013
5	Mr. Sriram Gopalkrishnan	2013-14	<ul style="list-style-type: none"> Auditing as a Career Path.
6	Mr. Ashok Gupta	2014-15	<ul style="list-style-type: none"> Discipline and Time Management as a Key to Success.
7	Prof. J.P. Sharma	2014-15	<ul style="list-style-type: none"> Corporate Governance and Corporate Social Responsibility

33. Teaching methods adopted to improve student learning

1. **LCD Projectors, Computers and internet facility** are frequently used for comprehensive teaching.
2. **Lecture method** is normally followed. Apart from this procedure, tutorial classes at regular intervals and home assignments are also arranged by the faculty.
3. **Interactive sessions** are held amongst teachers and students.
4. **Lesson plans** are prepared in the form of power-point presentations and are displayed on the projector screen.
5. **Presentations-** Students are allotted topic and they have to present the topic in the class and questions and answers sessions are held between the presenter and listeners and conclusion is drawn finally.
6. **Role play** is being done by the students.
7. **Business Games and Quizzes:** Students are encouraged to apply the theoretical knowledge through games like B-Plans, Ad Mads, Business quizzes etc.
8. **Group Discussions-** Class is divided into groups and one common topic is allotted to them. They are then involved in group discussions & paper presentations.

9. *Study material* is given to the students in the form of hand-outs or soft copy is being given to them.
10. Students are using *laptops* in the class and they share their work with the teachers as well as with other students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

The students and the Faculty members regularly participate in the Institutional Social Responsibility and Extension activities organized by the College's 'Parivartan Society' and 'Entrepreneurship Cell' and 'Finance and Investment Cell' of the Department of Commerce.

35. SWOC analysis of the department and Future plans

Strengths:

- a. Qualified and well experienced faculty.
- b. Ability to attain university positions.
- c. High interaction with industry to place the students on job.
- d. Linking student's talent and skills with the job.

Weaknesses:

Shortage of permanent teaching staff.

Opportunities:

- a. To apply for centre for excellence status
- b. Students are able to get more career options with growing opportunities in commerce
- c. Various career options in new emerging horizons for commerce streams are open for students.

Challenges:

- a. Preference of students for professional courses.
- b. Give attention to new emerging areas of commerce discipline which may not currently be part of curriculum.

Future Plans:

- a. To make the students go for internships in their winter and summer break.
- b. To organize national/international seminars and workshops for students and faculty.
- c. To organize industrial and educational tours.
- d. To provide guidance & counseling sessions to students for career planning.

EVALUATIVE REPORT OF DEPARTMENT OF ECONOMICS

1. **Name of the department :** Economics
2. **Year of Establishment:** 1961. (BA (Hons.) initiated in 1973
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

The Department offers 3 Year B.A (H) Economics in Semester Mode under CBCS since 2015-16.

4. **Names of Interdisciplinary courses and the departments/units involved**

- Generic Elective Courses (I to IV) in Economics Offered by Department of Economics to Students of other Honours Programmes.

Semester I	Semester II
Generic Elective in Economics I: Introductory Microeconomics	Generic Elective in Economics II: Introductory Macroeconomics
Semester III	Semester IV
Generic Elective in Economics III: (a) Indian Economy-I OR (b) Money and Banking OR (c) Environmental Economics	Generic Elective in Economics IV: (a) Indian Economy-II OR (b) Economic History of India 1857-1947 OR (c) Public Finance

- Skill Enhancement Courses (I to II) in Economics Offered by Department of Economics to Students of other Honours Programmes

Semester III	Semester IV
Skill Enhancement Course (SEC) I: Financial Economics	Skill Enhancement Course (SEC) II: Data Analysis

- B.A (Programme)Economics Displine Courses offered by Department of Economics

Semester I	Semester II
Core Economics I: Principles of Microeconomics–I	Core Economics II: Principles of Microeconomics–II
Semester III	Semester IV
Core Economics III: Principles of Macroeconomics–I	Core Economics IV: Principles of Macroeconomics–II
Semester V	Semester VI

Discipline Specific Elective I One of the following: i. DSE 1: Economic Development and Policy in India–I ii. DSE 2: Money and Banking iii. DSE 3: Environmental Economics	Discipline Specific Elective II One of the following: iv. DSE 3: Economic Development and Policy in India–II v. DSE 4: Economic History of India 1857-1947 vi. Public Finance
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5. Annual/ semester/choice based credit system (programme wise)

UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP

6. Participation of the department in the courses offered by other departments

- a) B.Com (upto Batch 2014-15)
- b) B. Com (Honours) (upto Batch 2014-15)

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Presently nil.

8. Details of courses/programmes discontinued (if any) with reasons

Presently nil.

9. Number of Teaching posts

Kindly refer to 07 of SSR

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided
Dr. M Padma Suresh	M.A, M. Phil & Ph. D	Associate Professor	Development Economics & Econometrics, Industrial Economics, Quantitative Methods	31	Nil
Dr. V A Rama Raju	MA (Eco), M. Sc & Ph. D	Associate Professor	Statistics, Public Economics, Health and	31	Nil

			Education		
Ms. Aruna Rao	M.A , B.Ed.	Associate Professor	Microeconomics ,Environmental Economics, Econometrics, Classical Political Economy, Public Finance	31	Nil
Mr. Krishnakumar S	M.A & M. Phil	Assistant Professor	Economics of Keynes,Global Liquidity and emerging Market Economies, Capital Flows	15	Nil
Mr. D. Brahma Reddy	M.A & M. Phil	Assistant Professor	Macroeconomics & Public Economics	12	Nil
Dr. Shailaja Thakur	M.A, M. Phil & Ph.D	Assistant Professor	Indian Economy, International Trade, Development Economics, Institutional Economics	12	Nil
Ms. N Kalithasamal @	M.A & M. Phil	Assistant Professor	Indian Economy, Microeconomics and Women entrepreneurship	9	Nil
Mr. Arjun Khanna*	M.A & M. Phil	Assistant Professor	Microeconomics & Mathematical Methods	3	Nil
Dinesh Kr Chaudhury *	M.Sc	Assistant Professor	Political Economy and Microeconomics	4	Nil

@ Temporary

*Ad-hoc

The following Teachers were on the rolls of the college during the period from 2010 to 2015: Abhishek Singh (2008-10), Meenakshi Sharma(2010-15), Saba Ismail(2010-11), Anand Prakash Ekka (2010-12), Srobonti Chatterjee (2012-13), Mandvi Singh (2012-13), Shreya Dhall (2012-13), Priti Aggrawal (2012-13), Pemala Lama (2012-15), Papiya Ghosh (2013Jul-Dec), Sikta Patnaik (2014 Jan-May) Karamjeet Singh (2012-May 2013), K Ramachandra Rao (2013-14)

11. List of senior visiting faculty

Presently nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

The required details are tabulated below

Programme	Percentage of classes handled by temporary/ad-hoc faculty
B.A (H) Economics	At present one-third of the entire workload of the Economics Department is handled by temporary/ad-hoc teachers
B.A (P)	
B.COM	

13. Student -Teacher Ratio (course wise)

The required details are tabulated below

Programme	Student –Teacher ratio*
B.A (H) Economics	20
B.A (P)	45
B.COM	45

*Based on sanctioned intake

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Presently nil.

15. Qualifications of teaching faculty with DSc./ D.Litt/ Ph.D/ MPhil / PG.

Qualification	No. of faculty members
PG	2
PG & M. Phil	4
PG & Ph. D	1
PG, M. Phil & PhD	2

Please refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Presently nil.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Undergraduate Innovative Projects: Kindly refer to Table 8 of SSR

18. Research Centre /facility recognized by the University

The Department has only undergraduate courses and is not a recognized research centre.

19. Publications:

The details of publications and books authored by faculty members from 2010-15 are given:

S. No.	Name of Faculty	Title of Article/ Book/ Journal	ISSN/ ISBN
1	M. Padma Suresh	Socioeconomic aspects of Agronomics in India: Journal of Undergraduate research and innovation, Vol.1, Issue 1, Feb.2015	2395-2339
2	Krishnakumar S	Global Imbalances since the financial crisis: effects on the emerging market economies. World Affairs: The Journal of International Issues, Volume : 19, Issue : 1.Jan-March 2015	ISSN 0971-8052(print). ISSN : 0974-0937(online)
3	Shailaja Sanghamitra Thakur	Understanding Tribal entrepreneurship: Impact of Formal and informal institutions: Case Study of Mizo Entrepreneurs. Man and Society. Indian Council of Social Science Research, Volume XII, Summer 2015.	ISSN 2229-4058
4	Shailaja Sanghamitra Thakur	Mizo entrepreneurs: Features and Prospects. Journal of NE India Studies, Vol.4(2), Dec. 2014, pp1-14	2278-1455 print 2277-6869, on-line
5	Krishnakumar S	Global Imbalances and Brettonwoods II Postulate. Working Paper 460. Centre For Development Studies.2014	Working paper
6	Krishnakumar S	Global imbalances, financial globalization and decoupling: Mathrubhumi Year Book, 2013	978-81-8265-542-3

7	Krishnakumar S and Ashis Taru Deb	Is Microfinance the panacea for development: lessons from the developing world: Mudra, journal of finance and accounting, Vol.1, Issue1	2347-4467 2395-2598, on-line
8	Krishnakumar S	India's external sector in the post reform era: issues and concerns: Saksena(ed) India in the post liberalization era: challenges and prospects.2013	978-81-920778-5-7
9	V A RamaRaju	Transport Logistics and Supply Chain management(2013)	Textbook for Class XII students
10	Krishnakumar S	Review of Kelegama(ed) Migration, Remittances and Development in South Asia. Diaspora Studies. Vol 5 Number 2. July-Dec 2012	ISSN 0973-9572
11	D. Brahma Reddy and Jayati Khurana	State Debt and Corrective Fiscal Measures by Thirteenth Finance Commission” - Prudence- February-March 2011- The E-Communiqué of Committee on Public Finance and Government Accounting of ICAI, New Delhi.	ICAI Document
12	D. Brahma Reddy and Seerit Sibia	“Implications of the Recommendations of Thirteenth Finance Commission on Tax Devolution”- Prudence- April-May 2011- The E-Communiqué of Committee on Public Finance and Government Accounting of ICAI, New Delhi.	ICAI Document
13	Aruna Rao, D D Chaturvedi and Anand Mittal	Principles of Microeconomics. Book Age. 2007	ISBN 81 8985 5050
14	Aruna Rao	Two modules for e-pathshala of dept of Commerce on Agricultural labour and agricultural productivity	

20. Areas of consultancy and income generated

Presently Nil.

21. Faculty as members in

- Mr D Brahma Reddy was on deputation to Seventh Pay Commission, as Under Secretary Government of India (from 2nd December 2014 to 2nd June 2015). He has worked on various Allowances during his stint from 2nd December 2014 to 2nd June 2015.

- Dr V A Ramaraju has been serving as a specialist member in Economics by UGC NET Committee to design the syllabi for the All India NET examination since 2005 till date. He has been actively involved in the setting of UGC question papers, and served as observer for UGC-Net examinations in various states since 2005.
- Ms. Aruna Rao was invited to assist in a field study on The Institutional Foundation of collective action in Fisheries; Evidence from Karnataka, by The National Centre For Sustainable Coastal Management, Ministry of Environment and Forests, from 16-25 April 2014.
- Ms. Karamjeet Kaur, Assistant Professor was selected for Indian Economic Service-2012
- Mr. Anand Prakash Ekka has been selected as Research Officer, Grade B-RBI-2012
- Ms. Aruna Rao has been the Teacher Advisor for an international NGO: Golden Key' since 2012.
- Mr. D. Brahma Reddy, Assistant Professor has been selected as Dy Director with the Thirteenth Finance Commission. (on deputation). He has worked in State Finance Division and produced 16 State Fiscal Profiles during May 22nd, 2008 to December 6th, 2009.
- Dr. Shailaja S Thakur worked as Trade Officer in the United Nations Conference for Trade and Development (UNCTAD) on the Project titled, 'Strategies and Preparedness for Trade and Globalisation in India' (2005-2008) This aimed at building up trade related capacities within the government and among the stakeholders of five major sectors of the Indian economy
- Mr. D. Brahma Reddy is Life Member, The Indian Econometric Society since 2014.
- Mr. D. Brahma Reddy is Life Member, The Input-Output Research Association of India since 2012.
- Ms. Aruna Rao is invited as subject expert in economics by the Kendriya Vidyalaya Sangathan for all interviews held for appointment of teachers in the Kendriya Vidyalayas
- Ms Aruna Rao and Mr V. A. Rama Raju have been actively associated with the NCWEB and have been taking classes in economics at Maitreyi college since the last 5 years.

22. Student projects

- D. Brahma Reddy supervised (Co-Supervisor Dr. Hussain Yaganti), Thesis on "Principals of Government Budgeting in India- A Case of Union Budget 2015-16: Submitted in partial fulfillment of the requirements of Course no. BITS C422T, of 5 year dual degree of M.Sc.(Hons) Economics and B.E.(Hons) Computer Science to Department of Economics and Finance-BITS (PILANI) Hyderabad by Prasanth Akkiraju ID No. 2010B3A7417H (30th April 2015)
- D. Brahma Reddy supervised (Co-Supervisor Dr. Hussain Yaganti) Thesis on "Socio-Economic Analysis of Subsidies: A Study of Indian Agricultural Subsidies" in partial fulfillment of the requirements of Course no. BITS C421T of 5 year dual degree of M.Sc.(Hons) Economics and B.E.(Hons)

Computer Science to Department of Economics and Finance By Prasanth Akkiraju ID No. 2010B3A7417H.(29th November 2014)

a. Percentage of students who have done in-house projects including inter departmental/programme

The students of B.A (H) Economics do projects as part of course curriculum.

b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

About 80% of the students complete at least one internship during summer/winter during the three year period.

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Criterion III, Table 3.12

Student Awards:

- Students of Economics (Honours) receive Lord Venkateswara Merit Medal, Soundarya Nayaki Govindaswamy Memorial Medal, Bharatula Savitri Memorial Prize, Student Union Merit medals for securing top position in the College/South Campus/University of Delhi.

S. No.	Name of Medal	Number of Students			
		2010-2011	2011-2012	2012-2013	2013-2014
1	Lord Venkateswara Merit Medal	-	One	One	One
2	Soundarya Nayaki Govindawsamy Memorial Medal	One	One	One	One
3	Bharatula Savitri Memorial Prize	One	One	One	One
4	Student Union Merit Medal	One	One	One	One

National

Ms Priyanka Bajaj and Mr Priyvratt Mamgain were selected for the prestigious RBI Young Scholar Award Scheme through a National level competitive test conducted by RBI. They have worked as Interns in RBI Regional Offices on Important Economic and Financial Market related issues in summer 2009.

International

Ms.HemantikaVerma (B.A. (H) Final Year) participated as a delegate in Local Governance Panel in the Harvard Project for Asia and International Relations Conference, 2011 at Harvard University, Cambridge, Massachusetts, USA.

The Partial list of students who received prestigious scholarships such as Commonwealth, J.N.TATA, Dr. Manmohan Singh and Lord Dahrendorf to study Post Graduation (Economics, Finance, Management etc.) in India/Abroad in the last five years (2009-16) is given below.

Sl. No.	Name	Scholarship	Amount	Year
1	Mr. Amitesh Rawat	IE Foundation Scholarship	€13000	2015-16
2	Mr. Bharat Bhajaj	University of Bath, UK	£ 8000	2015-16
3	Ms. Sagrika Gogia	Lord Dahrendorf Scholarship by LSE&P, UK	£ 33064	2014-15
4	Mr. Harshavardhana	LSE&P, UK	£ 9483	2013-14
5	Mr. Avijit Puri	LSE&P, UK	£ 7904	2013-14
6	Ms. Meenambika Durvasula	David Pearce Scholarship by University College of London, UK Study Abroad Scholarship by Golden Key International Honours Society, UK	£ 3000 \$ 1000	2013-14
7	Mr. Keshav Parthasarathy	Commonwealth Scholarship, UK	£ 33000	2011-12
8	Ms. Cheistha Kochhar	J N TATA scholarship, INDIA Modu Timblo Scholarship by LSE&P, UK	Rs. 8,00,000 + Travel Cost £ 15000	2011-12
9	Mr. Vinay Aneja	Ministry of Education, Singapore	S\$ 15, 000	2010-11
10	Mr. Ravideep Sethi	Dr. Manmohan Singh Scholarship by DSE, India	NA	2010-11
11	Mr. Abhimanyu Julania	Commonwealth Scholarship, UK (Turned Down) Eiffel Scholarship (EGIDE, France) HEC Merit Scholarship, France	£ 33000 €30000 €6000	2009-11 2009-11 2009-11
12	Mr. Arjun Singh	Australian National University	AUD\$ 9500	2009-10

24. List of eminent academicians and scientists / visitors to the department

Sl. No.	Name	Institution/Organisation	Year
1	Ms. Anuradha Thakur	Director, Department of Economic Affairs, Ministry of Finance-GoI	2010
2	Mr. Mohan Guruswam	Chairman and Founder of Centre	2010

		for Policy Alternatives	
3	Dr. Mihar Shah	Member, Planning Commission	2010
4	Prof. K L Krishna	Honorary Professor, DSE	2010
5	Dr. Bindeshwar Pathak	Founder, Sulabh Sanitation and Social Reform Movement	2010
6	Shri. Salman Khurshid	Union Minister of State (Independent Charge) for Minority Affairs	2010
7	Prof. E. Somanathan,	ISI, New Delhi	2011
8	Dr. Suman Sahai	Founder, Gene campaign	2011
9	Dr. Pranab Sen,	Principal Advisor, Planning Commission	2012
10	Prof. Rohini Somanathan	Delhi School of Economics	2012
11	Prof. Sudhir Shah	Delhi School of Economics	2013
12	Dr. Nagesh Kumar	Director and Chief Economist, UN-ESCAP	2013
13	Prof. Pami Dua	Delhi School of Economics.	2013
14	Dr. Subir Gokarn	Director, Research- Brookings India	2014
15	Prof. Manoj Pant	CITD, SIS, JNU	2014

Before 2009

- Dr. C. Rangarajan, Chairman, Economic Advisory Council to PM-2008
- Dr. David C Mulford, US Ambassador to India-2008
- Prof. Amit Bhaduri, JNU-2008
- Dr. Isher Judge Ahluwalia, Chairperson, ICRIER-2008
- Dr. M. GovindaRao, Director- NIPFP, Member-EAC to PM-2007/06
- Dr. Parthasarathi Shome, Advisor, Union Finance Minister-2007
- Shri. P. Abraham, IAS (Rtd.)-2007
- Prof. T.A. Bhavani, Institute of Economic Growth-2007
- Dr. Shankar N Acharya, Honorary Professor, ICRIER-2006
- Dr. Kirit Parikh, Member, Planning Commission-2006
- Prof. Deepak Nayyar, JNU-2006
- Shri. Kiran Karnik, President, NASSCOM-2006
- Dr. Ashok Lahiri, Chief Economic Advisor, Government of India-2005
- Dr. Montek Singh Ahluwalia, Deputy Chairman, Planning Commission-2004
- Dr. LaveeshBhandari, Indicus Analytics
- Dr. Dharma Kirti Joshi, Crisil Ltd.2003
- Prof. Charan Wadhwa, Director, Centre for Policy Research-2003
- Dr. V.R. Panchmukhi, Chairman, ICSSR-2002
- Dr. Manmohan Singh, Leader of Opposition, Rajya Sabha-2001
- Dr. A.M Khusro, Chairman, Eleventh Finance Commission-1998
- Prof. Partha Sen, Delhi School of Economics-1998
- Prof. Jayati Ghosh, Jawaharlal Nehru University-1997

- Prof. Abhijit Sen, Jawaharlal Nehru University-1996
- Dr. Prem Vashistha, Director, NCAER-1996
- Prof. Prabhat Patnaik, Jawaharlal Nehru University-1995
- Dr. Hiren Sarkar-1995
- Dr. Subramanian Swamy-1990
- Prof. Kaushik Basu, Delhi School of Economics-1988.

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

National Seminar on “Public Policy and Delivery in Post-Reform India: Challenges Ahead” 20th -21st September 2010

The Department of Economics conducted a National Seminar on “Public Policy and Delivery in Post-Reform India: Challenges Ahead” During 20-21 September 2010 with the financial assistance of Rs. 3 lakhs from (Grant-in-Aid for National Seminar under Socio-economic Research) Planning Commission, Government of India. Dr. Mihir Shah (Member, Planning Commission) delivered the inaugural address on “Development Strategy for the Maoist Affected Districts”. Prof. K L Krishna, Honorary Professor, DSE was the Guest of Honour.

The two day seminar deliberated on the current challenges in implementation of flagship programmes of the Government of India. Paranjay Guha Thakurta (Journalist), Dr Joy Elamon (UNDP Interco-operation), Mr. Mohan Guruswamy (Centre for Policy Alternatives), Dr Saumen Chattopadhyaya (JNU), Ms. Anuradha Thakur, Director, Department of Economic Affairs, Ministry of Finance-2010, Dr Sundararaman (NHSRC), Dr Surajit Mazumdar (AUD), Dr. Kaustuv Banerjee (JNU), Dr. Vamsi Vakulabharanam (UoH), Dr Abhishek Singh (IIPS, Mumbai), Rukmini Tankha (IHD, Delhi) T R Dilip (Public Health Foundation of India), Anuradha De and Meera Samson (Indian Social Sciences Trust, Delhi), Dr Anit Nath Mukherjee (NIPFP), Noor Mohammed (AMIED, Alwar), Nikhil Dey (MKSS) and Dr Nilanjan Patra (Ramjas College) made presentations on various themes. A researchers' colloquium was also organized.

Seminar on Regional Co-operation in South Asia on 26th September 2014

In the context of the growing necessity of south Asian co-operation, a seminar was organised with support from the India Sri Lanka Foundation, as part of the exchange programme. The participants in the seminar cum panel discussion were Manoj Samarathunga (University of Colombo), Sarath Munasingha, Shweta Singh (South Asian University), Debjyoti Ghoshal (QW News) and Y V Surendra Kumar (University of Bangalore). T K Arun of Economic Times kindly consented to be the moderator of the discussion.

b) International : Presently nil

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected*	Enrolled		Pass percentage***
				**M	**F	
B.A (H) Economics	10-11	By the central admission committee	79	42	37	86.2%
						100%
						100%
	11-12	Do	59	26	33	100%
						95.31%
						96.96%
	12-13	Do	50	21	29	92%
						100%
						95.08%
	13-14	Do	79	45	27	98.65%
						96.43%
						82.93%
	14-15	Do	73	45	28	89.55
						97.26
						81.48

*This data is of only First Year B.A (H) Economics students at the time of Admission **M = Male;

F = Female * Pass percentage is for first, second and third year students.

27. Diversity of Students

Kindly refer Table 3 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Data not available

29. Student progression

Sl. No.	Student progression	Against % enrolled
01	UG to PG	60%-70%
	PG to M. Phil.	Not Applicable
	PG to Ph. D.	Not Applicable
02	Employed:	30%-40%
	Campus Selection	20%-30%
	Other than campus recruitment	5%-10%
03	Entrepreneurship/Self-Employment	5%-10%

30. Details of Infrastructural facilities

- a) Library: The College has a well-stocked central library for all departments. The Department of Economics has a separate section in the library which has more than 2500 books and 10 journals and magazines for enrichment of knowledge of students and faculty.
- b) Internet facilities for Staff & Students: The College has fully equipped computer lab with internet and Wi-Fi facility for each Department of the College. A separate section is reserved for faculty in the main ICT lab.
- c) Class rooms with ICT facility: There are separate class rooms for students of Economics with excellent infrastructure, projectors and Wi-Fi connectivity. The Department also has a Laptop for its departmental activities.
- d) Laboratories: Nil

31. Number of students receiving financial assistance from college, university, government or other agencies.

All students belonging to SC/ST/Minorities groups receive scholarships from the university/Delhi Government/State Government (s). The students of the economically weaker sections benefit from the freeship grant offered by the institution.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

Student Enrichment Programmes:

The Department along with Economics Association conducts several student enrichment programmes. The main programmes are Annual Festival (i.e. Under Graduate Students Summit), Distinguished Lectures, workshops and Seminars. The Annual Festival of the Department "Blisspoint" attracts a lot of undergraduate students from Delhi and different colleges based at Mumbai, Pune, Calcutta, Madras, Bangalore, Hyderabad etc.

The Annual festival consists of Special Lectures (i.e. Inaugural Address) by eminent economist(s), Quiz, Debate, Essay Writing, MUN etc. The Department has Academic cum Cultural Exchange Programme with Sabaragamuwa University of Sri Lanka, South Eastern University, Olivil of Sri Lanka and Sherubtse College, Royal University of Bhutan, Kanglung, Bhutan conducted with financial support from India-Sri Lanka Foundation and India- Bhutan Foundation. The Economics Association publishes annual magazine titled "Econ Expressions" during Annual Festival in which Students publish good quality papers on the contemporary economic, social and political issues. The Economics students win several prizes in Inter and Intra College competitions held in Delhi and outside.

The following student enrichment programmes/activities were conducted in the last five years (2010-2015)

2010-11 Sri Lanka Visit I

As a follow-up of the above event, the College received an invitation from Sabaramuga University, Sri Lanka to participate in the event SABVENKA organised from 13th to 18th June 2010. A contingent of six students and two faculty members (Dr V A Ramaraju and Mr Krishnakumar S) visited Sri Lanka from the 11th to 18th of June 2010.

BLISSPOINT 2010-11 International Economics Students Summit

The International Economics Students Summit was organised on 22-23 September 2010 under the aegis of Golden Jubilee Celebrations of the College. The festival was inaugurated by Dr. Bindeshwar Pathak, Founder, Sulabh Sanitation and Social Reform Movement. Shri. Salman Khurshid, Union Minister of State (Independent Charge) for Minority Affairs has been the Guest of Honour.

Bhutan Visit I 2010

Sherubtse College invited students and faculty members from Department of Economics of Sri Venkateswara College for an academic and cultural exchange programme. With financial assistance from the Indo- Bhutan Foundation, Sri Venkateswara College accepted the invitation and a team of two faculty members(Mr D Brahma Reddy and Dr.Shailaja S Thakur) and six students visited Kanglung, Bhutan from 26th September to 3rd October, 2010.

Sri Lanka Visit II

The Department of Economics received an invitation from South Eastern University of Sri Lanka, Oluvil, to participate in the event of International Academic cum cultural exchange program and International symposium on “Post – war Economic Development through Science, Technology and Management. A contingent of four students and two faculty members (Mrs Aruna Rao and Mrs.N Kalithasammal) visited Sri Lanka from 19th to 21st of April, 2011. The Faculty and Students participated in various academic and cultural activities during this period.

2011-12

BLISSPOINT 2011-12

The theme for the annual festival was “Environmental Ethics and Social Awareness”. Dr. Suman Sahai, Founder Gene campaign, Prof. E. Somanathan, ISI, New Delhi have graced the occasion. Dr. Suman Sahai has delivered the inaugural address on “Genetically Modified Crops” followed by Prof. E. Somanathan on “Global Warming”. The two day event witnessed participation of students from more than 40 colleges/institutes.

Sri Lanka Visit III

A team of two teachers(Dr M Padma Suresh and Dr V A Ramaraju) alongwith five students participated in a three day symposium (25-27th May, 2012) and made presentation on human development and Indian culture at South Eastern University of Sri Lanka, Oluvil.

2012-13

BLISSPOINT 2012-13

The Annual festival was inaugurated by Dr. Pronab Sen, Principal Advisor, Planning Commission and Prof. Rohini Somanathan of Delhi School of Economics. The theme for the fest was “Sustaining India's Growth Amidst the Global Crisis”. A Distinguished Lecture was given by Prof. Sudhir Shah of DSE on 18th February 2013 on “Screening as a Means of Rent Extraction”.

2013-14

BLISSPOINT 2013-14

The Economics festival was graced by eminent Economist Dr. Nagesh Kumar, Director and Chief Economist, UN-ESCAP and Prof. Pami Dua, Delhi School of Economics. The theme for the event was ‘Current Macroeconomic Trends in India’. A Distinguished lecture was delivered by Dr Subir Gokarn, Director Research- Brookings India on "Sustaining India's Growth: Structural Constraints and Policy Responses" (Thursday, 6th March 2014).

2014-15

BLISSPOINT 2014-15

The Annual Economics festival BLISSPOINT for the academic year 2014-15 was held on 25th-26th September, 2014. with the theme 'Regional Cooperation: Trade & Development'. The Summit was inaugurated by Prof Manoj Pant, from the Centre for International Trade and Development, School of International Studies, JNU. The Universities from Sri Lanka participated in the event apart from colleges from Delhi and rest of the country.

33. Teaching methods adopted to improve student learning.

Lectures and seminar methods are generally employed in class room teaching with student specific focus in tutorials in improving the understanding of the subject. Students are given projects in group size of 2-3 to promote group discussions and as well as to build th culture of workign together as a team. Students are provided information relating to Open Educational Resources for additional learning resources, additional resources such as work books, student guide etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

- Dr. Padma Suresh has been associated with the preparation of study material in economics for National School of Open Learning
- Dr V A Ramaraju and Mrs Aruna Rao are part of the teaching faculty of Delhi University Women’s Board.
- Students are encouraged to participate actively in all extra curricular, creative activities, as well as to volunteer in our community outreach programs organized by the WDC, EOC, and PARIVARTAN, our Social Service society. Mrs Aruna Rao has been an active member of these committees over these years.
- We are proud that our students do their lot in fulfilling their social responsibilities. Our students Pearl Simran Sabharwal and Akram were recipients of the Gandhi Fellowship (which motivates students to engage in the betterment of the conditions of educational facilities in village areas). While Pearl worked in Jhunjhunu district for two years,

Akram Hussain is currently based at Churu district in Rajasthan. The Gandhi Fellowship has recognized the college by a certificate in this regard. Soumya Mohil received the SBI Youth for India scholarship for the year 2015-16.

35. SWOC analysis of the department and future plans

<p>STRENGTH</p> <ul style="list-style-type: none"> • Qualified and well experienced faculty • High levels of commitment • Continuous update of subject knowledge by faculty 	<p>WEAKNESS</p> <ul style="list-style-type: none"> • Shortage of permanent teaching staff • Lack of sufficient research interest/effort/facilities
<p>OPPORTUNITIES</p> <ul style="list-style-type: none"> • A research centre may be set up with larger focus on public policy. 	<p>CHALLENGES</p> <ul style="list-style-type: none"> • Shortage of Class rooms and lack of tutorial rooms • Lack of dedicated seminar/Conference room for Economics

Future Plan:

The department plans to setup a research centre, which could cater to the multi-focal interests of the faculty, as well as nurture research talent among undergraduates. This shall have a specific focus on Public Policy Research.

EVALUATIVE REPORT OF DEPARTMENT OF ELECTRONICS

1. **Name of the Department** : ELECTRONICS
2. **Year of Establishment** : 1987
3. **Names of Programmes / Courses offered**
(UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

The Electronics Department offers the following Undergraduate Programmes:
a) B.Sc.(Honours) in Electronics : Three Year course (**TYUP**)
b) B.Tech. in Electronics with Honours : Four Year course (**FYUP**)
4. **Names of Interdisciplinary courses and the departments/units involved**
NIL
5. **Annual/ semester/choice based credit system (programme wise)**
UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
6. **Participation of the department in the courses offered by other departments**
Common Courses (Foundation Course) offered to all departments: Information Technology
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Presently nil.
8. **Details of courses/programmes discontinued (if any) with reasons**
Presently nil.
9. **Number of Teaching posts**
Kindly refer to Table 7 of SSR
10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
Dr. Nutan Joshi	M.Sc., PhD	Associate Professor	Electronics (Optical Waveguides)	28	NIL

Dr. Sunita Jain	M.Sc.,PhD	Associate Professor	Electronics (Thin film-surface acoustic wave)	27	NIL
Dr. Neeru Kumar	M.Sc., M.Phil., Ph.D.	Associate Professor	Semiconductors	27	NIL
Dr. J. Lalita	M.Sc., M.Phil., Ph.D.	Associate Professor	Solid State Electronics	26	NIL
Mr. Hari Singh*	M.Sc.	Assistant Professor	----	5yrs and 9 months	NIL
Ms. Shubhra Gupta*	M.Sc.	Assistant Professor	----	2.5yrs	NIL
Dr. Rakhi Narang*	M.Sc., M.Phil., Ph.D	Assistant Professor	Microelectronics	1.5 yrs	NIL
Dr. Neha Verma*	M.Sc., Ph.D	Assistant Professor	Microelectronics	2 months	NIL
Mr. Kunal Srivastava*	B.Tech, M.Tech	Assistant Professor	Microwave/Antennas	2 yrs	NIL

* Presently working Adhocs.

11. List of senior visiting faculty

Presently nil.

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
B.Sc. (H) Electronics	Each adhoc faculty member is assigned full workload as per the university norms
B.Tech Electronics	

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Total No. of Teachers: 09		Total No. of Students			Total	Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		
1.	B.Sc. (H) Electronics	42	50	38	130	In Hons. Course-1:15
No other Course						

13. Student -Teacher Ratio (course wise)

YEA R→ POST S ↓	2010-2011		2011-2012		2012-13		2013-2014		2014-2015	
	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed	Sanctio ned Filled/ Promot ed
Techn ical Assist ant	1	1	1	1	1	1	1	1	1	1
Lab Assist ants	4	4	4	4	4	4	4	4	4	4
Lab Attend ants		----	----	----	----	----	----	----	----	----

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled**15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ MPhil / PG.**

No. of faculty members with Ph.D. = 05

No. of faculty members with PG = 04

Please refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Four (4 nos)

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Undergraduate Innovative Projects: Kindly refer Table 8 of SSR

18. Research Centre /facility recognized by the University

Presently nil.

19. Research Publications: International Peer Reviewed Journals

International Conferences

1. “*pH sensing Characteristics of Silicon on Insulator (SOI) Junctionless (JL) ISFET*” Ajay, **Rakhi Narang**, Manoj Saxena and Mridula Gupta, International conference on Nanotechnology (NANOCON, Pune, India), October 14-15, 2014.
2. “*Numerical Analysis of Variability effects in Nanogap Embedded Dielectric Modulated Field Effect Transistor*”, **Rakhi Narang**, Manoj Saxena and Mridula Gupta, International conference on Nanotechnology (NANOCON, Pune, India), October 14-15, 2014.
3. “*Linearity and analog performance realization of energy efficient TFET based architectures: An Optimization for RFIC Design*”, Upasana, **Rakhi Narang**, Manoj Saxena and Mridula Gupta, 2nd International Conference on Emerging Electronics (ICEE, Bangalore, India) December 4-6, 2014.
4. “*Polarity and Ambipolarity Controllable (PAC) Tunnel Field Effect Transistor*”, **Rakhi Narang**, Manoj Saxena, and Mridula Gupta, 11th IEEE Conference on Electron Devices and Solid State Circuits, Singapore, 1st-4th June 2015, Proceedings Available Online at IEEE Xplore pp. 333-336, DOI: [10.1109/EDSSC.2015.7285118](https://doi.org/10.1109/EDSSC.2015.7285118)
5. “*Impact of Dry and Watery Environment on the Sensitivity of Split Gate Metal Oxide Field Effect Transistor for Biosensing Application*”, Ajay Singh, **Rakhi Narang**, Manoj Saxena, and Mridula Gupta, 11th IEEE Conference on Electron Devices and Solid State Circuits, Singapore, 1st-4th June 2015. Proceedings Available Online at IEEE Xplore pp. 729-732, DOI: [10.1109/EDSSC.2015.7285220](https://doi.org/10.1109/EDSSC.2015.7285220)
6. “*Influence of dielectric pocket on electrical characteristics of tunnel field effect transistor a study to optimize the device efficiency*”, Upasana, **Rakhi Narang**, Manoj Saxena, and Mridula Gupta, 11th IEEE Conference on Electron Devices and Solid State Circuits, Singapore, 1st-4th June 2015. Proceedings Available Online at IEEE Xplore pp. 762-765, DOI: [10.1109/EDSSC.2015.7285229](https://doi.org/10.1109/EDSSC.2015.7285229)

Dr. Neha Verma :

1. *Publications in International Conference Proceedings (2015)* **Neha Verma, Parveen, and Jyotika Jogi**, “Quantum Simulation of a Double Gate Double Heterostructure InAlAs/InGaAs HEMT to Analyze Temperature Effects,” **IEEE Computer Society Digital Library (CSDL), IEEE UKSIM 2015 (17th International Conference on Computer Modelling and Simulation)**, March 25-27, 2015, Cambridge University (Emmanuel College), U.K., pp. 582-587. DOI: 10.1109/UKSim.2015.39.

2. Publications in Referred/Peer Reviewed International Journal (2015)

Neha Verma, Parveen, and Jyotika Jogi, “Quantum Simulation of a Double Gate Double Heterostructure InAlAs/InGaAs HEMT to Analyze Temperature Effects,” *International Journal of Simulation: Systems, Science and Technology (IJSSST)*, vol. 16, No. 5, 2015 (Accepted and to be published).

20. Areas of consultancy and income generated

Presently Nil.

21. Faculty as members in

a) National committees

1. **Dr. Neeru Kumar**- life time member of Semiconductor Society of India

b) International committees

1. **Dr. Rakhi Narang**- Member, Institute of Electrical and Electronics Engineers, USA and IEEE Electron Devices Society, since 2010. (Membership Id: 90844658)
2. **Dr. Rakhi Narang**- Member, Institute of Physics, UK. (Membership Id: 80064156)
3. **Dr. Rakhi Narang**- Associated with various communities of IEEE: IEEE Sensors Council, IEEE Nanotechnology Council and IEEE Biometrics Council

c) Editorial Boards –NIL

22. Student projects

a. Percentage of students who have done in-house projects including inter departmental / programme

S.No.	Course	Year	Project	No. of Students	No. of Students (%)
1.	B.Sc. (Hons.) Electronics	2010-2011	In house Projects	17 /17	100
		2011-2012	In house Projects	42/42	100
	B.Tech, Electronics	2015-2016	DU Innovative Project	5/10	50
	BSc(Hons) , Electronics	2015-2016	DU Innovative Project	2/10	20

b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

NIL

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer Criterion III, Table 3.12

Student Awards:

S.No	Medal	Year	No. of students receiving the medal
1	Balaji Gold Medals(10 Grams Each)	2011-2012	1
2	Student Union Merit Awards	2010-2011	1
		2011-2012	1
3	BharatulaSavitri Memorial Prize	2010-2011	1
		2011-2012	1
		2012-2013	1
		2013-2014	1
4	Srimati Velagalety Suvarchalamba Memorial prize	2012-2013	1
5	BharatulaSavitri Memorial Prize	2014-2015	1
One of our B.Tech (V sem) students Abhishek Banerjee has received POSCO-Asia Fellowship-2014.			

Other Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year	No. of Ranks					
		Delhi University			South Campus		
1	2010-2011	I				II	III
2	2011-2012	I				II	III
3	2012-2013		II			II	III
4	2013-2014						III
5	2014-2015			III	I		

24. List of eminent academicians and scientists / visitors to the department

S.No.	Name	Institution	Year
1	Prof.K. Thyagrajan	IIT Delhi	2010-2011
2	Prof. B. R. Mehta (Schlumberger Chair Professor)	Department of Physics IIT Delhi	2011-2012
3	Prof. K. Srinivas	University of Delhi	2011-2012
4	Prof. M. R. Shenoy,	IIT Delhi	2012-2013
5	Dr. Tushar Krishna	MIT, Boston	2013-2014
6	Prof. Huzur Saran	Department of Computer Science, IIT-Delhi	2013-2014
7	Prof. Huzur Saran	Department of Computer Science and Engineering, IIT Delhi	2014-2015
8	Prof. Subrat Kar,	Department of Electrical Engineering, IIT Delhi	2014-2015
9	Prof. Preeti R Panda,	Department of Computer Science and Engineering, IIT Delhi	2014-2015
10	Dr Mridul Sakhujia	SERIS, Singapore	2015-2016

25. Seminars/ Conferences/Workshops organized & the source of funding a) National b) International

- a) National : NIL
b) International : NIL

26. Student profile programme / course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected *	Enrolled		Pass % ***
				** M	** F	
B.Sc (Honours) Electronics (Three year UG (annual/sem ester) /	2010-11	By the central admission committee	5 0	33	17	96.67
	2011-12	By the central admission committee	2 1	14	07	94.63
	2012-13	By the central admission committee	3 0	23	7	86.13
B.Tech Electronics (Four Year UG Programme)	2013-14	By the central admission committee	4 2	33	9	86.88
	2014-15	By the central admission committee	6 3	56	7	63.33

*This data is of only First Year Electronics (Hons.) students **M = Male; **F = Female

** Pass percentage is for all first, second and third year Electronics (Hons.) students.

27. Diversity of Students

Kindly refer to Table 3 of SSR

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**

Student progression	Against % enrolled				
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
UG to PG					
PG to M.Phil	Data not available				
PG to Ph.D.					
Ph.D. to Post-Doctoral					
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 					
Entrepreneurship/ Self-employment					

29. **Student progression:** Data not available.

30. **Details of Infrastructural facilities**

a) **Library**

Departmental Library: The Department of Electronics maintains its own departmental library having ~250 books encompassing different specializations from well-known Indian and Foreign authors and publishers. Students have access to these books throughout the academic session and during examination period.

College Library: There is a separate section for Electronics books in the main library of the college with a collection of ~680 Titles with more than 3800 volumes. Electronics e-books, e-journals and e-magazines are also available at N-LIST.

b) **Internet Facilities for staff & students**

Department uses the internet facilities provided by the college in Information and Communication Technology Centre (ICT) of the college for its staff and students. ICT has well equipped separate Faculty staff room as well as student lab with Wi-Fi and printer facility.

c) **Class rooms with ICT facility**

Around 20 classrooms are equipped with ICT facility in the college. The Department of Electronics uses these rooms for teaching program involving power point presentations.

d) **Laboratories**

The Department has two well-equipped laboratories. A Dark Room for Practicals based on Optics and an electronics lab provided with latest instruments required as per student's curriculum such as DSO, CRO, Function Generator, RF Generator, power supply, microprocessor kits, kits for communication experiments etc. A separate sitting space for laboratory supporting staff is provided in the lab.

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students
2010-2011	1
2011-2012	3
2012-2013	8
2013-2014	1
2014-2015	4

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

- a) Special Lectures data is already available in items 24 and 25
- b) Dr. Neeru Kumar organized a one day workshop on Basic Electronic System Designing in collaboration with IET-Bioinformatics Embedded Training Academy during academic year 2010-2011.
- c) A Field Visit to Solid State Physical Laboratory, DRDO was organized on 14th, March, 2014.
- d) Dr. Nutan Joshi organized a one day Seminar on Embedded Systems and System & Network Security during academic year 2014-2015.
- e) Dr. Nutan Joshi organized a One Day Hands-on-Workshop on "Embedded Systems" during academic year 2014-2015

33. Teaching methods adopted to improve student learning

Besides traditional methods of class room teaching, hands on experience in laboratories is provided. Modern teaching methods (using Laptops, Overhead Projectors) are used. Conducting regular assignments and written tests, Projects, PowerPoint Presentations, Quizzes are additional exercises that are routinely taken up by the faculty to make the teaching learning process more interesting.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

The faculty and student members regularly participate in activities organized by the college such as blood donation camps. Career counseling and Placement etc. are other activities that can be named. Many a times the faculty members visit the institutions for interactive counseling session for students and parents.

35. SWOC analysis of the department and Future plans

Strength:

- A good mix of knowledgeable, skillful, experienced and young enthusiastic and dedicated faculty which keeps on participating in Workshops, Seminars, Conferences along with hardworking, studious and intelligent students are an asset for the department and also the strength.
- Well Equipped laboratories with dedicated lab staff and talented students have brought the college amongst the top colleges in the University.
- Students are encouraged to do post-graduation after the graduation and as such percentage of students going for the same is quite high.
- *Dr. Neeru Kumar* had been invited as a Visiting Faculty at JNU, Computer Science Department to take lectures for M.C.A. students during academic session 2009-2010.
- *Dr. Neeru Kumar* visited Loreto Convent School for interactive counseling session for students of class XI along with their parents
- *Dr. J. Lalita* had been invited as a Visiting Faculty at Department of Electronics, University of Delhi South Campus.
- *Dr J Lalita* was also a visiting fellow at the RSPHYSSE , ANU, Canberra , Australia for 2 and a half months where she worked on the state of art MOCVD apparatus to design high quality Solid State Lasers using premium materials like Galium Arsenide and III-V hetero structures.

Weakness:

Ad hoc faculty, Laboratory Space and Lab equipment, Lack of research facilities in College and lack of an interface with the industry.

Also, there is a need to upgrade the existing facilities in the college. The drop-out rate of the students in the initial years is usually high. There needs to be streamlining of the intake of students to the required strength , considering their admissions in Engineering colleges whose counselling starts well after the DU admission.

Challenges:

Language barrier for some of the students. Student diversity because of different state Boards and their respective course curriculums. Most of the times, outstation students outnumber the local candidates.

Future Plan:

- Setup of Robotics lab as well as Embedded system design Lab is also in the plan of the Department.

EVALUATIVE REPORT OF DEPARTMENT OF ENGLISH

1. **Name of the department :** ENGLISH
2. **Year of Establishment:** 1961
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

The English Department offers following Programmes /Courses:

- a) B. A. English (Honours): (three year course)
- b) M.A. English

4. **Names of Interdisciplinary courses and the departments/units involved**

The Department of English also participates in teaching the following courses:

- a) Discipline Centred Course (DCC) — to all students of B.A. (Hons.) Economics, B.A. (Hons.) History, B.A. (Hons.) Political Science, B. Sc. (Hons.) Maths., B.A. (Hons.) Hindi, B.A. (Hons.) Sanskrit as well as all students of B.A. Programme.
- b) Technical Writing in English- to students of B.Sc. (Hons) Zoology, B.Sc. (Hons) Botany, B.Sc. (Hons) Electronics, B.Sc. (Hons) Physics, B.Sc. (Hons) Chemistry, B.Sc. (Hons) Bio-chemistry, B.Sc. (Hons) Bio Sciences
- c) Business Communication – to students of B.Com (Hons) and B.Com (Prog.)
- d) Creative Writing and Mass Communication to students of B.A. Programme.
- e) Allied Courses (Studying Literature under Caste, Class, Gender, Race, Globalization) - to students of B.A. (Hons.) History, B.A. (Hons.) Political Science, B.A. (Hons.) Sanskrit, B.A. (Hons.) Hindi and B.A. (Hons.) Economics.

5. **Annual/ semester/choice based credit system (programme wise)**

UG First Year: CBCS; Second Year: TYUP Semester; Third Year: Roll back FYUP.

6. **Participation of the department in the courses offered by other departments**

Department of English has been participating in the syllabi of all the Departments in the college as an English paper constitutes a compulsory paper for all subjects. This is besides a host of other optional papers offered to the other departments.

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

Presently nil.

8. **Details of courses/programmes discontinued (if any) with reasons**

Presently nil.

9. **Number of Teaching posts**

Kindly refer Table 07 of SSR

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided
Dr. Roopali Sircar Gaur	Ph.D.	Associate Professor (Retired)	African Literature	44	-
Dr. Indrani Sen	Ph.D.	Associate Professor	Gender and Colonialism, Nineteenth Century British India	42	-
Dr. A. N. Anwer	Ph.D.	Associate Professor	Effects and underpinnings of the reason/unreason binary at the onset of western modernity.	38	-
Dr. Meenakshi Bharat	Ph.D.	Associate Professor	Postcolonial literatures, Culture Studies, Women's Writing, Children's literature	33	-
Dr. Ratna Raman	Ph.D.	Associate Professor	Women's Writing and the Twentieth Century novel	31	-
Dr. Rina Ramdev	Ph.D.	Associate Professor	Post Colonial Studies, Women's Studies	25	-
Mr. Nikhil Yadav	M.Phil.	Assistant Professor	Lacan and Psychoanalytic Critical Theory	15	-
Ms. Rupleena Bose	M.Phil.	Assistant Professor	Film Studies	10	-
Ms. Debarati Sen*	M.Phil.	Assistant Professor	Indian Novel in Post-independent India	7	-
Mr. Rakesh Kumar*	M.Phil.	Assistant Professor	Indian Childhood	2	-
Ms. Lallianpuii	M.Phil.	Assistant Professor	Contemporary Mizo	6 months	-

Ralte*			Literature		
Dr. Reem*	Ph.D.	Assistant Professor	Resistance Writings on Internal-displacements in Post-independent India	3 months	-

*Presently working Adhocs

11. **List of senior visiting faculty:** Presently nil.
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**
The required details are tabulated below

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
B.A.(Hons) English	Each temporary faculty member is assigned full workload as per the university norms
B.A.(Hons) Economics	
B.A.(Hons) History	
B.A.(Hons) Political Science	
B.A.(Hons) Sociology	
B.A.(Hons) Hindi	
B.A.(Hons) Sanskrit	
B.Sc.(Hons) Mathematics	
B.Sc.(Hons) Physics	
B.Sc.(Hons) Electronics	
B.Sc.(Hons) Zoology	
B.Sc.(Hons) Botany	
B.Sc.(Hons) Chemistry	
B.Com.(Hons)	
B.Sc.(Hons) Bio Chemistry	
B.Sc.(Hons) Statistics	
B.Sc. (Hons) Biological Science	
B.Sc. (Hons) Life Science	
B.A. (Prog)	
B.Com (Prog)	

13. **Student -Teacher Ratio (course wise)**

Total No. of Teachers: 13		Total No. of Students				Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.	Total	
1.	B.A. (H) English	75	42	48	165	In Hons. Course-1:13
2.	Generic Elective & AECC	554	--	--	554	Other than Hons Course

3.	B. Com. (H)	---	94	---	94	1:70
4.	B. Com (Prog.)	--	99	---	99	
5.	B.Sc. (H) Mathematics		88		88	
6.	B.A. (Prog)	--	16	---	16	
7.	M.A.	26	23	---	49	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Not Applicable.

15. Qualifications of teaching faculty with DSc. / D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 07 (1 retired)

No. of faculty members with MPhil = 05

Please refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

No. of faculty members with ongoing National Projects = Nil

No. of faculty members with ongoing International Projects = Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Undergraduate Innovative Projects: Kindly refer to Table 8 of SSR

Research Projects:

Name of faculty member	Project	Title of the project	National/ International	Funding Agency	Grant Amount	Tenure
Dr. Indrani Sen	Senior Fellowship	Culture, Identity and Resistance: A Study of Women's Autobiographies in Colonial India in the Late Nineteenth and Early Twentieth Centuries.	National	ICSSR	34,32,614	2010-2012
	Visiting Fellowship (Joint-Project with Prof. Waltraud Ernst of Oxford Brookes University)	Mentally ill Memsahibs during the British Raj c.1800-1890.	International	Institute for Historical and Cultural Research, Oxford Brookes, University, UK	1,593,433 Pounds (GBP)	2010

18. Research Centre /facility recognized by the University: Presently Nil.

19. Publications

Faculty Name	Books/Chapters Authored	Title	ISBN number
Dr. Roopali Sircar Gaur	Chapter	Gaur, Roopali Sircar. (2015) 'Gender and Society in Chinua Achebe's <i>Things Fall Apart</i> .' <i>Reading Things Fall Apart: A Student's Companion</i> . Ed. Mala Pandurang. Pencraft International.	ISBN 978-93-82178-05-7
Dr. Indrani Sen	Book	Sen, Indrani ed. (2012) <i>Memsahibs' Writings: Colonial Narratives on Indian Women</i> . Paperback; New Delhi: Orient Blackswan.	ISBN 97-81-250-4552-6
	Chapter	Sen, Indrani. (2014) 'Discourses of "Gendered Loyalty": Indian Women in Nineteenth century "Mutiny" Fiction.' <i>The Great Rebellion of 1857 in India: Exploring Transgressions, Contests and Diversities</i> . Ed. Biswamoy Pati. Indian edition. New Delhi: Routledge India, pp. 111-128.	ISBN 13: 978-0-415-62745-0
	Chapter	Sen, Indrani. (2010) 'Discourses of "Gendered Loyalty": Indian Women in Nineteenth century "Mutiny" Fiction.' <i>The Great Rebellion of 1857 in India: Exploring Transgressions, Contests and Diversities</i> . Ed. Biswamoy Pati. UK edition. London: Routledge UK, pp. 111-128.	ISBN 13: 978-0-415-62745-0
Dr. A.N.Anwer	Chapter	Anwer.A.N. (2014). The Importance of Being Big B. <i>Shrapnel Minima: Writings from Humanities Underground</i> . Ed. Prasanta Chakravarty.London, New York, Calcutta: Seagull Books.	ISBN No. 978 0 8574 2 187 6
	Book	Anwer, A.N. (2013). <i>Jonson and Milton: Masquing the Political</i> . Kolkata: Levant Book.	ISBN 978-93-80663-72-2
Dr.Meenakshi Bharat	Book	Bharat, Meenakshi.ed. (2014). <i>Only Connect: Technology and U</i> . New Delhi: Rupa.	ISBN 978812913 4608
	Book	Bharat, Meenakshi.ed. (2014). <i>Only Connect: Technology and U</i> .Australia: Brass Monkey.	ISBN 978098751 4318
	Chapter	Bharat, Meenakshi. (2014) B Wid U Soon. <i>Only Connect: Technology and U</i> .Ed. Meenakshi Bharat. Australia: Brass Monkey.	ISBN 978098751 4318
	Book	Bharat, Meenakshi. (2014). <i>Little Elephant Throws a Party</i> . New Delhi: NBT.	ISBN 978-81-237-7045-1

	Book	Bharat, Meenakshi. (2012). <i>VS Naipaul's A House for Mr Biswas: Critical Perspectives</i> . New Delhi: Pencraft.	ISBN 978-93821-78-02-6
	Book	Bharat, Meenakshi. (2012). <i>Alien Shores: Tales of Refugees and Asylum Seekers</i> . Australia: Brass Monkey.	ISBN 0980863937
	Chapter	Bharat, Meenakshi. (2012). The Lost Kingdom. <i>Alien Shores: Tales of Refugees and Asylum Seekers</i> . Ed. Meenakshi Bharat. Australia: Brass Monkey.	ISBN 0980863937
	Chapter	Bharat, Meenakshi (2012). 'If Memory serve me Right': Beleaguered Omniscience of Memory in <i>The Shadow Lines</i> ' in <i>Children of Midnight</i> . Ed. Ludmila Volna. New Delhi: Pencraft.	ISBN-10 8190941682 ISBN-13 9788190941686
	Book	Bharat, Meenakshi ed. (March 2010). <i>Fear Factor: Terror Incognito</i> . Australia: Picador.	ISBN 0330426214
	Chapter	Bharat, Meenakshi (March 2010). Compensation. <i>Fear Factor: Terror Incognito</i> . Ed. Meenakshi Bharat. Australia: Picador.	ISBN 0330426214
	eChapter	Bharat, Meenakshi (2010). Ma. <i>Memosaic</i> (e-magazine).Ed. Helen Whitehead and Sharon Rundle. http://helenwhitehead.com/memosaic/contributions/ma/	
Dr. Ratna Raman	Chapter	Raman, Ratna. (2013) "Blue Gold". <i>Dance of the Weave : A Dialogue between Traditional Textiles and Dance in India</i> . Ed. Briana Blasko. India & UK: Penguin	ISBN 9780670087204.
	Chapter	Raman, Ratna. (2013) "No house for Shama Biswas" <i>VS Naipaul's A House for Mr Biswas: Critical Perspectives</i> . Ed.Meenakshi Bharat. New Delhi: Pencraft.	ISBN 978-93-82178-02-6

The details of publications and books authored by faculty members from 2010-15 are given:

Faculty Name	Publications	ISSN
Dr. Roopali Sircar Gaur	Gaur, Roopali Sircar (2014). The Bhakti Poets. <u>IGNOU Study Material</u> . M.A. Comparative Literature.	
Dr. Indrani Sen	Sen, Indrani. (2014) Writing English, Writing Reform: Two Indian Women's Novels of the Nineteenth Century. <u>The Indian Journal of Gender Studies</u> , Vol. 21, No.1, 2014, pp. 1-26. Peer Reviewed.	ISSN 0971-5215
	Sen, Indrani. (2012) Resisting Patriarchy: Complexities and Conflicts in the Memoir of Haimabati Sen. <u>Economic and Political Weekly</u> , Vol. 47, No.12, March 24, 2012, pp. 55-62. Peer Reviewed.	ISSN 0012-9976
	Sen, Indrani. (2010) Memsahibs and Health in Colonial Medical Writings, c.1840- c.1930. <u>South Asia Research</u> (Journal of the School of Oriental and African Studies, London University), Vol. 30, No.3, November, 2010, pp. 253-274. Peer Reviewed.	ISSN 0262-7280
Dr. A.N.Anwer	Anwer.A.N. (January-February, 2011) Redemption Road: Dilip Simeon's Revolution Highway. <u>Biblio</u> 16:1&2.	ISSN 0971-8982
	Anwer.A.N. (January-February, 2011) Judgment and Misjudgment. <u>Social Scientist</u> 39:1-2.	ISSN 0970- 0293
	Anwer.A.N. (October 2014) 'In Abbas's Ghar'. Online Article. pustakam.net(pustakam.net/?p=17566)	
Dr.Meenakshi Bharat	Bharat, Meenakshi. (2014).Under the Shadow of Terror. The <u>NMML Occasional Papers</u> .NMML: New Delhi.	ISSN 978-93-83650-12-5
	Bharat, Meenakshi. (2013). The English Novel and Terrorism.Vol.40 No.2 <u>The IIC Quarterly</u> , New Delhi, Autumn.	ISSN 0376-9771
	Bharat, Meenakshi. (2013). The Barbaric Soul: Lost in Translation. A Comment on the Hindi Translation. <u>Civilized/Barbaric: Intercultural Dialogue on Poetry, Comparative Yearbook 4</u> , Poland: University of Szczecin, pp. 339-343. Peer reviewed.	ISSN 2081-8718
	Bharat, Meenakshi. (2013). Civilized/Barbaric Changed Connotations in Indian Dalit Poetry. <u>Civilized/Barbaric: Intercultural Dialogue on Poetry, Comparative Yearbook 4</u> , Poland: University of Szczecin, pp. 159-172. Peer reviewed.	ISSN 2081-8718

	Bharat, Meenakshi. (2013).Creative Writing Under the Shadow of Terror, Online Edition, <u>The Tribune</u> , 13 August. http://www.tribuneindia.com/2013/20130813/edit.htm#6	
	Bharat, Meenakshi. (2013).Finding a Voice. <u>From Your Land to Poland: On the Commitment of Writers</u> . Ed. Dorota Walczak-Delanois et al. Peter Lang: Brussels.	ISSN 1376-3202 ISBN 978- 2-87574- 125-7
	Bharat, Meenakshi. (2011).Tackling the Topic of Terrorism. Meenakshi Bharat and Sharon Rundle, <u>Southerly Journal of the English Association</u> : 70.3 Ed. David Brooks and Elizabeth McMahon. University of Sydney Brandl & Schlesinger:Sydney. Peer reviewed.	ISSN 0038-3732 ISBN 978- 1-921556- 14-2
Dr. Ratna Raman	Raman, Ratna. (2015). Nuanced Narratives on Alone Together: <u>Selected Stories of Mannu Bhandari, Rajee Seth and Archana Varma</u> . Tr. and ed. Ruth Vanita. The Book Review Volume XXXIX Number 5, May2015. p.36	R.N.I No. 28686\ 76 Postal registra tion no.DL- SUU- 1/4079/ 2015- 16-17
	Raman, Ratna. (2015). Stories that body parts tell. Mind Your Language. <u>The Tribune</u> . Chandigarh. 16 th May Vol.135 http://epaper.tribuneindia.com/500595/The-Tribune/TT_16_May_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
	Raman, Ratna. (2015). Exchanges that are Avoidable. Mind Your Language. <u>The Tribune</u> . Chandigarh. 9 th May Vol.135 http://epaper.tribuneindia.com/495944/The-Tribune/TT_09_May_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
	Raman, Ratna. (2015). Dealing with Death. Mind Your Language. <u>The Tribune</u> . Chandigarh. 2 nd May Vol.135 http://epaper.tribuneindia.com/491284/The-Tribune/TT_02_May_2015#page/10/1	RNI No. 15/57 CHD/006/ 201521 7
	Raman, Ratna. (2015). Dead Among the Living. Mind Your Language. <u>The Tribune</u> . Chandigarh. 25 th April Vol.135 http://epaper.tribuneindia.com/486632/The-Tribune/TT_25_April_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
	Raman, Ratna. (2015). Mixed Metaphors. Mind Your Language. <u>The Tribune</u> . Chandigarh. 18 th April Vol.135 http://epaper.tribuneindia.com/481935/The-Tribune/TT_18_April_2015#page/12/1	RNI No. 15/57 CHD/006/ 2015217
	Raman, Ratna. (2015). The Cooking of Words. Mind Your Language. <u>The Tribune</u> . Chandigarh. 11 th April Vol.135 http://epaper.tribuneindia.com/477377/The-Tribune/TT_11_April_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7

Raman, Ratna. (2015). Similies and Similarities. Mind Your Language. <u>The Tribune</u> . Chandigarh. 4 th April Vol.135 http://epaper.tribuneindia.com/472429/The-Tribune/TT_04_April_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). The significance of yellow. Mind Your Language. <u>The Tribune</u> . Chandigarh. 28 th March Vol.135 http://epaper.tribuneindia.com/467597/The-Tribune/TT_28_March_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). Colour Me Blue. Mind Your Language. <u>The Tribune</u> . Chandigarh. 21 st March Vol.135 http://epaper.tribuneindia.com/462788/The-Tribune/TT_21_March_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). The colour of emotions. Mind Your Language. <u>The Tribune</u> . Chandigarh. 14 th March Vol.135 http://epaper.tribuneindia.com/457963/The-Tribune/TT_14_March_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). Words that are put forth. Mind Your Language. <u>The Tribune</u> . Chandigarh. 28 th February Vol.135 http://epaper.tribuneindia.com/448815/The-Tribune/TT_28_February_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). Adding adjectives to enhance expression. Mind Your Language. <u>The Tribune</u> . Chandigarh. 21 st February Vol.135 http://epaper.tribuneindia.com/443787/The-Tribune/TT_21_February_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). Past Participle and Future Tense. Mind your Language. <u>The Tribune</u> . Chandigarh. 14 th February Vol.135 http://epaper.tribuneindia.com/438680/The-Tribune/TT_14_February_2015#page/10/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). Turning thought into spoken words. Mind your Language. <u>The Tribune</u> . Chandigarh. 7 th February Vol.135 http://epaper.tribuneindia.com/433558/The-Tribune/TT_07_February_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). Guarding the Gerund. Mind your Language. <u>The Tribune</u> . Chandigarh. 31 st January Vol.134 http://epaper.tribuneindia.com/428445/The-Tribune/TT_31_January_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). Mrs Malaprop, Mr Bush and the rest of us. Mind your Language. <u>The Tribune</u> . Chandigarh. 24 th January Vol.135 http://epaper.tribuneindia.com/424002/The-Tribune/TT_24_January_2015#page/10/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). The Laws of Possession. Mind your Language. <u>The Tribune</u> . Chandigarh. 17 th January Vol.135 http://epaper.tribuneindia.com/418821/The-Tribune/TT_17_January_2015#page/12/1	RNI No. 15/57 CHD/006/ 201521 7

Raman, Ratna. (2015). How we say the things we do. Mind your Language. <u>The Tribune</u> . Chandigarh. 10 th January Vol.135 http://epaper.tribuneindia.com/413974/The-Tribune/TT_10_January_2015#page/10/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2015). Ring in the New. Mind your Language. <u>The Tribune</u> . Chandigarh. 3 rd January Vol.135 http://epaper.tribuneindia.com/409178/The-Tribune/TT_03_January_2015#page/10/1	RNI No. 15/57 CHD/006/ 201521 7
Raman, Ratna. (2014). Axing Xmas. Mind your Language. <u>The Tribune</u> . Chandigarh. 27 th December Vol.134 http://epaper.tribuneindia.com/404418/The-Tribune/TT_27_December_2014#page/10/1	RNI No. 15/57 CHD/006/ 201221 4
Raman, Ratna. (2014). That's why it's important. Mind your Language. <u>The Tribune</u> . Chandigarh. 20 th December Vol.134 http://epaper.tribuneindia.com/399554/The-Tribune/TT_20_December_2014#page/12/1	RNI No. 15/57 CHD/006/ 2012214
Raman, Ratna. (2014). Should Plurals become Possessive. Mind your Language. <u>The Tribune</u> . Chandigarh. 13 th December Vol.134 http://www.tribuneindia.com/news/musings/should-plurals-become-possessive/17382.html	RNI No. 15/57 CHD/006/ 201221 4
Raman, Ratna. (2014). The Speaking Self. Mind your Language. <u>The Tribune</u> . Chandigarh. 6 th December Vol.134 http://epaper.tribuneindia.com/389676/The-Tribune/TT_06_December_2014#page/12/1	RNI No. 15/57 CHD/006/ 201221 4
Raman, Ratna. (2014). 'Pass' in multiple combinations. Mind your Language. <u>The Tribune</u> . Chandigarh. 29 th November Vol.134 http://epaper.tribuneindia.com/385050/The-Tribune/TT_29_November_2014#page/10/1	RNI No. 15/57 CHD/006/ 201221 4
Raman, Ratna. (2014). Many Tales that words can tell. Mind your Language. <u>The Tribune</u> . Chandigarh. 22 nd November Vol.134 http://epaper.tribuneindia.com/379851/The-Tribune/TT_22_November_2014#page/12/1	RNI No. 15/57 CHD/006/ 2012214
Raman, Ratna. (2014). Farewell Gabo. Online Edition, <u>Hardnews</u> , May. http://www.hardnewsmedia.com/2015/05/6577#node-6577	ISSN 097524 938
Raman, Ratna. (2014). The Hindus : A labour of love denied the light of day. Online Edition, <u>Hardnews</u> , January. http://www.hardnewsmedia.com/2014/03/6271	ISSN 09752493 8
Raman, Ratna. (2014). Criminalising Culture. Online Edition, <u>Hardnews</u> , January. http://www.hardnewsmedia.com/2014/01/6181	ISSN 09752493 8
Raman, Ratna. (2013). Blue and Gold. <u>Marg, A Magazine of The Arts</u> Vol.64, No.3.Bombay.	ISSN 0972-1444

Raman, Ratna. (2013). Deepavali, Then and Now. Online Edition, <u>Confluence: South Asian Perspectives</u> , London. Winter, p.19 http://www.confluence.org.uk	SE256LS
Raman, Ratna. (2013). Summer of Our Discontent. Online Edition, <u>Confluence: South Asian Perspectives</u> , London. Late Summer, p.7 http://www.confluence.org.uk	SE256LS
Raman, Ratna. (2013). Ringing In Another New Year. Online Edition, <u>Confluence: South Asian Perspectives</u> , London. Spring, p.19 http://www.confluence.org.uk	SE256LS
Raman, Ratna. (2013). Tis not the season to be Jolie. Online Edition, <u>Hardnews</u> , June. http://www.hardnewsmedia.com/2013/06/5944	ISSN 09752493 8
Raman, Ratna. (2013). Flesh of my Flesh. Online Edition, <u>Hardnews</u> , June. http://www.hardnewsmedia.com/2013/06/5956	ISSN 09752493 8
Raman, Ratna. (2013). Against Mythology. Online Edition, <u>Hardnews</u> , February. http://www.hardnewsmedia.com/2013/02/5956	ISSN 09752493 8
Raman, Ratna. (2012). Naked is the Emperor. Online Edition, <u>Hardnews</u> , December. http://www.hardnewsmedia.com2012/12/5720	ISSN 09752493 8
Raman, Ratna. (2012). Prophets of palms. Online Edition, <u>Hardnews</u> , November. http://www.hardnewsmedia.com2012/11/5707	ISSN 09752493 8
Raman, Ratna. (2012). Hampi for visitors only. Online Edition, <u>Hardnews</u> , July. http://www.hardnewsmedia.com/2012/	ISSN 09752493 8
Raman, Ratna. (2012). Dooram Blues. Online Edition, <u>Confluence: South Asian Perspectives</u> , London. June, p.20-21 http://www.confluence.org.uk	SE256LS
Raman, Ratna. (2012). National epidemic. Online Edition, <u>Hardnews</u> , June. http://www.hardnewsmedia.com/2012/06/5295	ISSN 09752493 8
Raman, Ratna. (2012). The Lord is my Shepherd. The Tribune. Chandigarh. 27 th May Vol.134	RNI No. 15/57 CHD/006/ 201214
Raman, Ratna. (2012). Not by love alone. Online Edition, <u>Hardnews</u> , April. http://www.hardnewsmedia.com/2012/04/4902	ISSN 09752493 8

Raman, Ratna. (2012). Keepers of Morality. News Tree, Vol.X No.06 31st March, p.13-15.	RNI No. DELENG/ 2002/8926
Raman, Ratna. (2012). Scent of a Jackfruit. Online Edition, Hardnews, March. http://www.hardnewsmedia.com/2012/03/4791	ISSN 09752493 8
Raman, Ratna. (2012). The Whimsical Muse. Online Edition, Hardnews, February. http://www.hardnewsmedia.com/2012/02/4385	ISSN 09752493 8
Raman, Ratna. (2012). Silk Smitha. Online Edition, Hardnews, January. http://www.w.hardnewsmedia.com/issue/january-2012	ISSN 09752493 8
Raman, Ratna. (2011). Kalpavriksha: Celebrate the Banana Republic. Online Edition, Hardnews, December. http://www.w.hardnewsmedia.com/issue/december-2011	ISSN 09752493 8
Raman, Ratna. (2011). No house for Shama Biswas. Online Edition, Hardnews, November. http://www.hardnewsmedia.com/2011/11/4205	ISSN 09752493 8
Raman, Ratna. (2011). Silk Smitha. Online Edition, Hardnews, October. http://www.hardnewsmedia.com/2011/10/4173	ISSN 09752493 8
Raman, Ratna. (2011). Temptations. Online Edition, Hardnews, September. http://www.hardnewsmedia.com/2011/09/4133	ISSN 09752493 8
Raman, Ratna. (2011). The Missing Chain. Online Edition, <u>Confluence: South Asian Perspectives</u> , London. Summer, p.22-23 http://www.confluence.org.uk	SE256LS
Raman, Ratna. (2011). Search your soul. Online Edition, <u>Hardnews</u> , September. http://www.hardnewsmedia.com/2011/09/4110	ISSN 097524938
Raman, Ratna. (2011). Soul drink cool. Online Edition, <u>Hardnews</u> , June. http://www.hardnewsmedia.com/2011/06/4012	ISSN 097524938
Raman, Ratna. (2011). Ode to the Dosa. Online Edition, <u>Hardnews</u> , May. http://www.hardnewsmedia.com/2011/05/3969	ISSN 097524938
Raman, Ratna. (2011). Fruit Journeys. Online Edition, <u>Confluence: South Asian Perspectives</u> , London. April, p.10 http://www.confluence.org.uk	SE256LS

Raman, Ratna. (2011). Give unto mothers their rights. Online Edition, <u>Hardnews</u> , April. http://www.hardnewsmedia.com/2011/04/3934	ISSN 097524938
Raman, Ratna. (2011). Art Summit. Online Edition, <u>Hardnews</u> , March. http://www.hardnewsmedia.com/2011/03/3868	ISSN 097524938
Raman, Ratna. (2011). Anti Social Algorithm. Online Edition, <u>Hardnews</u> , February. http://www.hardnewsmedia.com//2011/02/3847	ISSN 09752493 8
Raman, Ratna. (2011). The Gated City. Online Edition, <u>Hardnews</u> , February. http://www.hardnewsmedia.com/2011/02/3835	ISSN 09752493 8
Raman, Ratna. (2011). Reality Show; Oxymoron. Online Edition, <u>Hardnews</u> , January. http://www.hardnewsmedia.com/2011/01/3801	ISSN 097524938
Raman, Ratna. (2010). Birds of the same Festival. Online Edition, <u>Hardnews</u> , December. http://www.hardnewsmedia.com/2010/12/3769	ISSN 097524938
Raman, Ratna. (2010). Breast Cancer: End of Pain. Online Edition, <u>Hardnews</u> , December. http://www.hardnewsmedia.com/2010/12/3760	ISSN 097524938
Raman, Ratna. (2010). Have Your Biskut, And Eat It Too. Online Edition, <u>Hardnews</u> , November. http://www.hardnewsmedia.com/2010/11/3746	ISSN 097524938
Raman, Ratna. (2010). So Where Have All The Hawkers Gone. Online Edition, <u>Hardnews</u> , October. http://www.hardnewsmedia.com//2010/10/3711	ISSN 097524938
Raman, Ratna. (2010). DON'T. Online Edition, <u>Hardnews</u> , September. http://www.hardnewsmedia.com/2010/09/3677	ISSN 097524938
Raman, Ratna. (2010). Daughters Are Not for Killing. Online Edition, <u>Hardnews</u> , August. http://www.hardnewsmedia.com2010/08/3660	ISSN 097524938
Raman, Ratna. (2010). Mango; Bite it. Online Edition, <u>Hardnews</u> , July. http://www.hardnewsmedia.com/2010/07/3610	ISSN 097524938
Raman, Ratna. (2010). Maximum Magic. Online Edition, <u>Hardnews</u> , July. http://www.hardnewsmedia.com/2010/07/3601	ISSN 097524938

	Raman, Ratna. (2010). When the Muse came calling. Online Edition, <u>Hardnews</u> , June. http://www.hardnewsmedia.com/2010/06/3581	ISSN 097524938
	Raman, Ratna. (2010). Female desire and expression. Online Edition, <u>Hardnews</u> , June. http://www.hardnewsmedia.com/2010/06/3580	ISSN 097524938
	Raman, Ratna. (2010). Just like a woman. Online Edition, <u>Hardnews</u> , March. http://www.hardnewsmedia.com/2010/04/3518	ISSN 097524938
	Raman, Ratna. (2010). Kalpvriksha: Celebrate the banana republic. Online Edition, <u>Hardnews</u> , March. http://www.hardnewsmedia.com//2010/03/3481	ISSN 097524938

20. Areas of consultancy and income generated: Presently Nil.

21. Faculty as members in

a) **National Committees-**

Dr. Rina Ramdev

- (i) Treasurer IACLALS (Indian Association for Commonwealth Literature and Language Studies) 2010 to 2014
- (ii) Secretary IACLALS 2014 onwards

b) **International Committees-**

Dr. Meenakshi Bharat:

- i) Vice President, *International Federation of Modern Languages and Literatures (FILLM, UNESCO)*, October 2011 onwards.
- ii) Treasurer, *Indian Association for the Study of Australia (IASA)*, 2012 onwards.
- iii) Elected President, *International Federation of Modern Languages and Literatures (FILLM, UNESCO)* 2014 onwards.
- iv) Elected to the Bureau of the apex UNESCO body *International Council of Philosophy and Human Sciences (CIPSH, UNESCO)*.

22. Student projects

a. **Percentage of students who have done in-house projects including inter departmental/programme**

Students in the Department of English in the Semester III/IV have completed in-house group projects for the past two semesters during 2013-14 as part of FYUP.

- b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies.**

Not Applicable.

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Criterion 3, Table 3.12

Student Awards:

S.No.	Medal	Year	No. of students receiving the medal
1	GV Subramanyam Memorial Medal	2009-2010	01
		2010-2011	01
		2011-2012	01
		2012-2013	01
		2013-2014	01
2	Nelabhatla Venkata Subbiah Memorial Prize	2009-2010	01
		2010-2011	01
		2011-2012	01
		2012-2013	01
		2013-2014	01

Student Awards:

Other Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year		No. of Ranks					
			Delhi University			South Campus		
			1 st	2 nd	3 rd	1 st	2 nd	3 rd
1	2010-2011	III	-	-	-	-	-	1
		II	-	-	-	-	-	-
		I	-	-	-	-	1	1
2	2011-2012	III	-	-	-	-	-	-
		II	-	-	-	1	-	-
		I	-	-	-	-	-	-
3	2012-2013	III	-	-	-	-	-	-
		II	-	-	-	-	-	-
		I	-	-	-	-	-	-
4	2013-2014	III	-	-	-	-	-	-
		II	-	-	-	-	-	-
		I	-	-	-	-	-	-

24. List of eminent academicians and scientists / visitors to the department

S. No.	Name	Institution	Duration
1	Prof. Darryl Jones	University of Dublin, Ireland	31 August, 2015
2	Lionel Fogarty	Australian poet and fiction writer	19 January, 2015
3	Christos Tsiolkas	Award-winning Australian novelist	19 January, 2015
4	Dr Sukrita Paul Kumar	Aruna Asif Ali Chair, Cluster Innovation Centre, University of Delhi	19 January, 2015
5	Dr NA Jacob	Dept of English, Ramjas College, University of Delhi	21 October 2014
6	Dr. Madhu Grover	Dept of English, Lady Shri Ram College, University of Delhi	28 March 2014
7	Sharon Rundle	Australian Commonwealth Short Story Award Winner	27 January 2014
8	Uday Prakash	Author of <i>The Girl with the Golden Parasol</i>	21 January 2014
9	Dr Nandini Chandra	Dept of English, University of Delhi	26 February 2013
10	Samit Basu	Creative Writer science fiction writer, Author of <i>Simoquin Prophecies</i>	26 February 2013
11	Sudhanva Deshpande	Janam Theatre activist and publisher, Leftword Books	13 August 2012
12	Dr. Liviana Messina	Dept of Philosophy, Universidad Diego Portal, Santiago, Chile	13 April 2012
13	Prof. Jason Wirth	Dept of Philosophy, University of Seattle, USA	13 April , 2012
14	Prof. Clayton Crockett	Dept of Philosophy and Religious studies, University of Central Arkansas, USA	13 April , 2012
15	Dr. Maria Joao Cantinho	Institute of Visual Arts, Design and Marketing, Lisbon	13 April , 2012
16	Dr. Ilit Ferber	Philosophy Dept, University of Tel Aviv, Israel	13 April , 2012
17	Prof. Sambuddha Sen	Dept of English, University of Delhi	29 September 2011
18	Prof. GJV Prasad	Centre for English Studies, JNU	15 December 2010
19	Sarnath Banerjee	Graphic Novelist (Author of <i>Corridor</i> , India's first Graphic Novel)	8 December 2010
20	Dr. Tabish Khair	Dept of English, Aarhus University, Denmark	10 August, 2010
21	Susanne Gervay	Australian author	25 July 2010
22	Professor Amitava Kumar	Dept of English at Vassar College, New York, USA	18 January 2010

25. **Seminars/ Conferences/Workshops organized & the source of funding a) National b) International**

Conferences

1. **2011**: Organised **UGC National Conference**, “**A Note in Time : Music as Social Text**,” co-funded by Sangeet Natak Akademi, Department of English, Delhi University and the Goethe Institute, on January 12-14, 2011.
2. **2012**: Organized **UGC National Conference**, “**The State of Hurt: Sentiments, Politics and Censorship**,” hosted by the English Literary Association Sri Venkateswara College, in collaboration with the Department of English, University of Delhi, (South Campus) (October 12 - 13, 2012).
3. **2014**: Organised National conference, ‘**Texts of Conflict: How We bear Witness Today**’, hosted by the English Literary Association, Sri Venkateswara College in collaboration with the English Department, Ramjas College, University of Delhi, (February 6 - 8, 2014).
4. **2015**: Organised National conference, ‘**Contested Knowledges: Event, Truth, Politics**’, hosted by the English Literary Association, Sri Venkateswara College in collaboration with the English Department, Ramjas College, University of Delhi, (March 26 - 27, 2015).

Workshops

- a. **MEET THE WRITERS** - Ali Cobby Eckermann and Lionel Fogarty (Australian poets and fiction writers) and Christos Tsiolkas (award-winning Australian novelist) in discussion with Dr Sukrita Paul Kumar (Aruna Asif Ali Chair, Cluster Innovation Centre, and University of Delhi). In collaboration with the Indian Association for the Study of Australia (IASA), the Australia India Council, Australian Council for the Arts and the Australian High Commission on 19 January, 2015.
- b. **Creative Writing Workshop** by Sharon Rundle, Australian Commonwealth Short Story Award Winner on 27 January, 2014.
- c. **Workshop on ‘Political Theology – Politics, Law, History’** on 13 April, 2012.
- d. Speakers included Dr. Aicha Liviana Messina (Universidad Diego Portales, Chile), Prof. Jason Wirth (University of Seattle, USA); Prof. Clayton Crockett, (University of Central Arkansas, USA); Dr. Maria Joao Cantinho, (Institute of Visual Arts, Lisbon), and Dr. Ilit Ferber, (University of Tel Aviv, Israel)

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected Candidates in I year	Enrolled		Pass percentage	
				*M	*F		
B.A. (Honours) English (three year (annual/ semester) /four year programme)	10-11	By the central admission committee	59	14	45	I	86.8
						II	90.2
						III	100
	11-12	By the central admission committee	76	29	47	I	100
						II	100
						III	86.66
	12-13	By the central admission committee	69	23	46	I	93.9
						II	86.15
						III	89.79
	13-14	By the central admission committee	60	24	36	I	94.55
						II	93.85
						III	71.88
M.A. English (annual/ semester)	10-11	By the central admission committee	25	10	15	I	100
						II	100
	11-12	By the central admission committee	20	5	15	I	95
						II	86.36
	12-13	By the central admission committee	20	7	13	I	95
						II	75
	13-14	By the central admission committee	23	9	14	I	95.24
						II	77.78

*M = Male; *F = Female

27. Diversity of Students

Kindly refer Table 3 of SSR.

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Not applicable.

29. Student progression

Student progression	Against % enrolled				
	10-11	11-12	12-13	13-14	14-15
UG to PG	Presently we do not have records of all the alumni				
PG to M.Phil/PhD	Department does not keep the track of all the alumni				
Ph.D. to Post-Doctoral					
Employed Campus selection/Other than campus recruitment/					
Entrepreneurship/ Self-employment					

30. Details of Infrastructural facilities

a) Library

- **Departmental Library:** The Department Library has a rich collection of texts- fiction as well critical companions, covering the entire ambit of English Literary Studies. This section is regularly updated with suggestions made by the students and has been merged with the College Library to enable easy accessibility.
- **College Library:** The College Library has a voluminous collection of texts and critical studies pertaining to English Literature and the various other areas of studies that it encompasses. It is one of the most frequented sections in the Library- not only by the departmental members but from almost every other stream in the college as well.

b) Internet Facilities for staff & students: The College ensures state of the art the internet facilities through the Information and Communication Technology Centre (ICT) within its premises. Well-equipped with a separate Faculty staff room and student lab the ICT enables a Wi-Fi connected campus. Further one can also access here e-journals and magazines, subscribed to by the University and can even avail of the printer facility.

c) Class rooms with ICT facility: Around 20 classrooms have been equipped with ICT facility in the college. The Department of English uses these rooms for student presentations involving power point presentations and to screen movies/documentaries/ audio visual aids to add to classroom teaching.

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students
2010-2011	01
2011-2012	01
2012-2013	01
2013-2014	06
2014-2015	10

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

The Department has an active **English Literary Association (ELA)** which organises several events each year. Most prominent among them is the annual **National Conference**, which is held over 2-3 days, and is often jointly hosted with the Dept of English of DU. These conferences give students the opportunity to listen to world-famous senior academics from a number of institutions, such as Delhi University, JNU, and IIT. In some cases we also

have a section for student presentations which gives the students the confidence and experience of participating at conferences.

Other than that, the ELA organises **Special Lectures** by young as well senior academics in an effort to offer them intellectual stimuli, eg. Prof Sambudha Sen, an ex-faculty member of our college and a an internationally acclaimed Victorianist today, or Dr Tabish Khair of the University of Aarhus, Denmark, academic, poet, critic, and postcolonialist. In addition, inter-disciplinary workshops provide intellectual stimuli and exposure to other disciplines such as Philosophy.

Novelists, poets and theatre personalities have been invited at workshops and talks under the ‘**Meet the Writer**’ session, as well as **Creative Writing Workshops** organised by the ELA. These include talks by young graphic novel writers from India, and also by international creative writers, such as award-winning Australian novelist, Sharon Rundle. Thus, students are given exposure to other cultures and literary experiences, and provided with the chance to interact with them.

The ELA also organises ‘**METAPHOR**’, an annual Festival of Letters which offers an exciting occasion to write short stories, poetry, slogan-writing, caption-writing and essays. The students also bring out a monthly on-line magazine, **MOSAIC**.

List of student enrichment programmes

	Event	Duration	External experts
Special Lectures	‘Post structuralism’	21 October 2014	Dr NA Jacob, Dept of English, Ramjas College, University of Delhi
	‘Memories of Marx: Of Culture, Capital and the Contemporary’	21 October 2014	Dr Debaditya Bhattacharya, Dept Of English, Central University Bihar
	‘Existentialism and Literature’	28 March 2014	Dr. Madhu Grover, Dept of English, Lady Shri Ram College, University of Delhi
	‘The Graphic Novel’	26 February 2013	Samit Basu, Creative Writer (Author of <i>Simoquin Prophecies</i>)
	‘The Graphic Novel’	26 February 2013	Dr Nandini Chandra, Dept of English, University of Delhi
	‘Delhi Underbelly’	13 August 2012	Sudhanva Deshpande, Janam Theatre activist and publisher, Leftword Books
	‘The Victorian Novel’	29 September 2011	Prof Sambudha Sen, Dept of English, University of Delhi

	'Modern Indian Theatre'	15 December 2010	Prof G.J.V. Prasad, Centre for English Studies, JNU
	'Rise of the Graphic Novel'	8 December 2010	Sarnath Banerjee (Graphic Novelist)
	'Postcolonialism'	10 August 2010	Dr. Tabish Khair, Associate Professor, Dept of English, Aarhus University, Denmark
	'Children and Young Adult Fiction'	25 July 2010	Susanne Gervay, (Award-winning Australian author)
	The Literature of 9/11	18 January 2010	Professor Amitava Kumar, Dept of English, Vassar College, USA
Workshops	Meet the author / On Writing	21 January 2014	Uday Prakash, DSC prize winner, (Author of <i>The Girl with the Parasol</i>)
Talks	Modernism and the English Novel	31 August 2015	Prof. Darryl Jones, University of Dublin, Ireland.
	'The Driving Force behind the Graphic Novel and the Experience of writing one'	January 2013	Talk by Comicon artists and organizers.

33. Teaching methods adopted to improve student learning

1. Traditional Lecture Method using chalk and board
2. Interactive Method by conducting presentations and group discussions
3. Use of Audio Visual Aids
4. Classroom Group Presentations
6. Power Point Presentations
7. Tutorials for Writing Practice
8. Workshops for Pedagogic Purposes
9. Student seminars

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Student Enrichment:

Students and faculty members participated in various activities to promote social awareness about disadvantaged sections of society, gender sensitivity and respect for all communities. Dr. Roopali Sircar Gaur, senior faculty member of the English Department, in her capacity as Coordinator of college societies, such as Women's Development Centre, Parivartan, and the Equal Opportunities Cell, organised the following activities, along with other staff members, office bearers and students:

Sadbhavna Tour Delhi: – 2012 The objective was to visit places of religious

worship in order to create a secular citizenship. The bus started from the college Lord Venkateswara temple, went to the Bahai Lotus Temple, the Bangla Sahib Gurudwara, the Sacred Heart Cathedral at Gole Dak Khana, and finally to the Nizamuddin Dargah, to listen to the qawwalis. An essay writing competition was held for students on their experiences and revealed the impact of such an event.

Community Development: 2010 and 2013

- EACH ONE, TEACH ONE PROGRAM ---Under the ‘Extending Education to the Neighborhood Scheme’--- visits were organized to households in the neighboring Sri Ram JJ colony to understand the status of women and children in the migrant community. It also involved holding classes for the underprivileged children from the colony.
- In 2013 - There was also a CLEANLINESS DRIVE – Cleaning Satya Niketan Abhiyan where student and teacher volunteers participated with the objective of evoking a sense of responsibility and hygiene among the citizens

Women and Children

On 14 March 2012 - ‘Padmavati Women’s Fest’ was celebrated. It brought together music, dance theatre, song and poetry, which give a voice to women. Two ‘melas’ were also held, ‘Celebrating Diversity – (2013) and ‘The Child in India’, (September 2014) which focused especially on the girl child, on women and disability.

Ecology and Environment initiative

- Visit to Yamuna Bio Diversity Park as part of Environmental studies (2012).
- On September 20, 2013: We also had an **Environment initiative**, a plantation drive ‘Each One, Plant One’ under which we organized tree plantation, quiz on ecology and environment, poetry reading and writing competitions on Environment. It was organized in the college campus to spread awareness about environment- related issues among the students.

35. SWOC analysis of the department and Future plans

Strength:

- The Dept of English faculty is highly qualified and experienced. The majority of them possess doctoral degrees. They have presented papers at international conferences abroad. Some are engaged in postdoctoral research and their publications are recognized as standard academic reference works.
- Faculty expertise is wide-ranging, with specialization ranging from Women’s Writing, Gender Studies, Childhood Studies, Indian Writing in English, Contemporary Literary Theory, to Colonial and Postcolonial Studies. This adds to the strength of the Dept.
- Teacher accessibility for students is available at all times for discussion, guidance and support. Teachers encourage the development of research skills

in students. Presentations and Discussion periods are arranged for deep reflection on texts and their co-relation with cultural practices.

- Our students are well-versed in organizing conferences, seminars and workshops. The ELA (English Literary Association) equips them for participating in seminars, making conferences presentations and participating in writing competitions. Literary events and activities sustain interest in the Language and literature.

Weaknesses:

- ❖ Requirement of State support on research grants in Literature and literary activities.
- ❖ There is need for increased number of class rooms for both lectures and especially for Tutorial purposes. Smaller tutorial rooms will help bring out the shy student from his/her shell or help students who may be suffering from academic as well as different problems, and would like to discuss them.

Opportunities:

BA (Hons) English offers a number of opportunities to students. They can pursue a career in academics, with many of our students enrolled for PhDs at various prestigious universities. Newer fields available to them include advertising, journalism, film-making, and publishing. Many of our former students are working in the television media, while others are engaged in administrative jobs at the national and state levels.

Challenges:

As the most prestigious of the co-ed colleges in South Campus, Sri Venkateswara College attracts huge numbers of admissions, far outstripping the sanctioned strength. Expansion of rooms and dividing the classes into Sections would facilitate better teacher- student interaction and further facilitate pedagogy.

Future Plans:

- The Faculty should be given the opportunity to guide research students for their Ph.D.
- The Department intends to have a Language Lab which will aid in teaching of the modern languages.

EVALUATIVE REPORT OF DEPARTMENT OF HINDI

- 1. Name of the department:** Department of Hindi
- 2. Year of Establishment :** 1967
- 3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :**

Under Graduate (UG) : B. A. (Hons.)Hindi
- 4. Names of Interdisciplinary courses and the departments/units involved :**

Hindi Language /Discipline for B. Com. (Prog.) and B.A. (Prog.) , Hindi Language (Higher/Lower) for all Honours courses.
- 5. Annual/ semester/choice based credit system (programme wise) :**

UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
- 6. Participation of the department in the courses offered by other departments**

Department of Hindi has been participating in the following courses offered by the respective departments:
B. Com. (P), B. Com. (Hons.) – Dept. Of Commerce
B. A. (Hons.) – Dept. of Mathematics, Dept. of Economics, Dept. of Pol. Sc.
Dept. of Sanskrit ,Dept. of History ,Dept. of Sociology ,
B. A. Prog.
- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.**

Presently nil.
- 8. Details of courses/programmes discontinued (if any) with reasons**

Presently nil.
- 9. Number of Teaching posts**

Kindly refer to Table.....
- 10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**

The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
Dr.Pushplata Bhatt	M.A., M.Phil., Ph.D, D.Litt.	Associate Professor	Folklore and Functional Hindi	23	NIL
Dr.Richa Mishra	M.A., M.Phil.,Ph.D, D.Litt.	Associate Professor	Medieval Literature	23	1
Dr. Mukul Sharma	M.A,M.Phil, Ph.D.	Associate professor	Modern Literature	22	NIL
Dr.SushilGupta	M.A,M.Phil., Ph.D	Associate Professor	Modern Literature	22	NIL
Dr.Chandramohan Singh Rawat	M.A.,M.Phil, Ph.D.	Associate professor	Medieval Literature	14	NIL
Dr. Jai Vinod Kumar	M.A, M.Phil, Ph.D.	Assistant Professor (Sr. Scale)	Medieval Literature	14	NIL
Dr. PoonamSood	M.A.,M.Phil, Ph.D.	Associate professor	Hindi Fiction	14	NIL
Dr.Arvind Kumar Meena	M.A, M.Phil., Ph. D. (submitted)	Assistant professor	Drama	04	NIL
Dr.Arun Kumar Bhardwaj	M.A,M.Phil, Ph.D	Assistant Professor	Modern Criticism	08	NIL
Dr. Ramkishore Yadav	M.A, M.Phil. , Ph. D.	Assistant professor	Hindi Fiction	04	NIL
Dr. Jitendra Veer Kalra	M.A, M.Phil, Ph.D.	Assistant Professor	Hindi Fiction and Translation	01	NIL
Ms. Lata	M.A., M.Phil	Assistant Professor	Hindi Fiction	02	NIL

11. List of senior visiting faculty :

Presently Nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
B.A. (H) Hindi	Each temporary faculty member is assigned full workload as per the university norms

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 12		Total No. of Students				Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.	Total	
1.	B.A. (H) Hindi	62	70	55	187	In Hons. Course- 1:16 Other than Hons Course 1:13
2.	Generic Elective & AECC	61	--	--	61	
3.	B. Com (Prog.)	--	06	---	06	
4.	B,Sc. (H) Mathematics		70		70	
5.	B.A. (Prog)	96	105	---	16	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

N. A.

15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 11

No. of faculty members with Ph.D. = 01

Please refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :

Presently Nil.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Innovative Projects: Kindly refer Table 8 of SSR

18. Research Centre /facility recognized by the University

Presently nil.

19. Publications:

The details of publications and books authored by faculty members from 2010-15 are given:

Faculty Name	Books/Chapters Authored	Title	ISBN number
Dr. Arvind Kumar Meena	Chapter in book	‘Internet ki duniya aur Sanchar Madhyam’ in book titled ‘ Internet yug mein Mudrit madhyamon ki sthiti aur chunautiyan’	978-93-83629-11-4 2249-6114
	Article in journal	‘Reetikaleen Kavita mein Samajik Chetna’ in research magazine titled ‘Shodh Kalptaru’	0976-9358
	Article in journal	‘Baudh Darshan aur Bhaktikavya’ in magazine ‘Sambhavya’	0976-9358
	Article in journal	‘Rangmanch ka Itihas Lekhan aur Usaki Samasyaein’ in magazine ‘Sambhavya’	2231-3885
	Article in journal	‘Parivarik Vightan aur Buzurgon ki samasya’ in magazine ‘Samved’	
Dr. Ramkishore Yadav	Books	Sahitya Chintan Bodh, Manasarovar Prakashan, Delhi, 2012	978-81-921940-7-3
		Sahitya ke Roop, K. L. Pachauri Prakashan, 2013	978-81-88075-79-5
		Adhunik Kavita – Bhag – 2 , Satish Book Depot, Delhi , 2013	978-93-81479-40-7
		Adhunik Kavya, Satish Book Depot , Delhi, 2013	978-93-81479-40-7
		Badalte Parivesh mein Hindi ki Dashaaur Disha , Manju Book Centre, U.P. , 2014	978-86-924878-1-6
		GadhyaSahitya , Satish Book Depot, Delhi, 2013	978-93-81479-56-8
		Adhunik Kavita , Satish Book Depot, Delhi , 2014 ,Rachnatmak Vivechan, Satish Book Depot, 2015	978-93-81479-85-8
Dr. Jitendra Veer Kalra	Article in journal	‘Jeevani ke Jeevan data – Vishnu Prabhakar’ in ‘Ajkal’ a monthly magazine of Prakashan Vibhag, Min of I & B, govt. of India, June,2002	0971-8478
	Article in journal	‘Sadi ki Sabdhi par Stree aur Hindi upanyas’ in ‘Ajkal’ a monthly magazine of Prakashan Vibhag, Min of I & B, govt. of India, March,2014	0971-8478
	Book review in journal	Book review on ‘Devki Hona Yashoda Bhi’ by Manorama Vishval Mahapatra in ‘Bhasha’ , quarterly magazine of Kendriya Hindi Nideshalaya, Ministry of HRD, Govt. of India.	0523-1418
	Book co-authored	‘Prayogik Hindi’ by Orient Blackswan and University of Delhi, 2013	978 81 250 5360 6

20. Areas of consultancy and income generated

Presently Nil.

21. Faculty as members in

Dr. Richa Mishra - Additional examiner, UPSC, Member of Governing Council, Kendriya Hindi Shikshan Mandal, Agra, Ministry of HRD, Govt. of India Member of Kendriya Hindi Shikshan Mandal, Agra, Ministry of HRD, Govt. of India

22. Student projects

a. **Percentage of students who have done in-house projects including inter departmental/programme: Nil**

b. **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : Presently Nil.**

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer criteria III, Table 3.12

24. List of eminent academicians and scientists / visitors to the department

S.No.	Name	Institution
1	Prof. Ramesh Gautam	Department of Hindi, University of Delhi
2	Prof. Sudhish Pachauri	Department of Hindi, University of Delhi
3	Prof. Gopeshwar Singh	Department of Hindi, University of Delhi
4	Prof. Hari Mohan Sharma	Department of Hindi, University of Delhi
5	Dr. Dr. RandeepGuleria	Department of Hindi, University of Delhi
6	Dr. Puran Chand Tandon	Department of Hindi, University of Delhi
7	Dr. VimleshKantiVerma	Vice President , Hidni Academy, Delhi

25. Seminars/ Conferences/Workshops organized & the source of funding a) National b) International

National- Nil International- Nil

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected	Enrolled		Pass percentage
				M	F	
B. A. (H) Hindi	10-11	Applied centrally in the university	131	74	57	95.84
	11-12	Applied centrally in the university	154	83	71	84.80
	12-13	Applied centrally in the university	147	81	66	89.80

	13-14	Applied centrally in the university	158	95	63	91.42
	14-15	Applied centrally in the university	192	130	62	

27. Diversity of Students

Kindly refer Table

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? – Data not available

29. Student progression:

Student progression	Against % enrolled
UG to PG	The college does not keep any track of the students once they have completed graduation.
PGtoM.Phil	
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed -Campus selection -Other than campus recruitment	
Entrepreneurship / Self employment	

30. Details of Infrastructural facilities

Library: common

Internet facilities for Staff & Students: shared

Class rooms with ICT Facility: common

Laboratories: N. A.

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students
2010-2011	5
2011-2012	4
2012-2013	14
2013-2014	39
2014-2015	51

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Literary Seminars

33. Teaching methods adopted to improve student learning

Interactive method by conducting seminars, presentations and group discussions
Traditional Lecture Method
Educational trips
Projects, Group discussions, presentations etc.

34. Participation in Institutional Social Responsibility(ISR) and Extension activities

Students participate in PARIVARTAN SOCIETY of SVC.

35. SWOC analysis of the department and future plans :

Strengths : Highly qualified faculty, hardworking students with a vast interest in literature and literary activities. We motivate students to go for higher studies and to involve in creative writing, script writing. , Our students regularly participate in debate, drama and performing arts, Fine arts activities.

Weaknesses :Time and Space constraint, Lack of research opportunities for the faculty and students.

Opportunities:Educational tours for students ; Faculty members are encouraged to participate in refresher courses, orientation programmes , academic discussions, to present papers in national and regional seminars

Challenges : To maintain the quality and standard of teaching learning process specially for visually challenged students and foreigner students.

Future Plans of Department :

To organize literary seminars and talks with resource persons and to organize debate , poem recitation, creative writing and elocution competitions and workshops in order to inculcate literary interests in students.

EVALUATIVE REPORT OF DEPARTMENT OF HISTORY

1. **Name of the department : HISTORY**
2. **Year of Establishment:1973**
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

The Department of History offers following courses

- a) BA Honours (History)--- Three year
- b) BA Programme--- Three Year
- c) Tutorial assistance to Masters students pursuing M.A History (South Campus)—Two years

4. **Names of Interdisciplinary courses and the departments/units involved**

Department of History offers following interdisciplinary papers to Honours students of Political Sciences, Sociology, English, Hindi, Sanskrit, Commerce, Mathematics, economics departments-

- a) Environmental Issues in India- commerce, mathematics, sociology, political science, Hindi, Sanskrit, English
- b) Issues in the contemporary world- mathematics
- c) Culture in India- Modern--- English, Economics, Sanskrit, political science, sociology
- d) Medieval Delhi---- English, economics, Sanskrit, political science, sociology
- e) Allied papers (Ancient History)—
India upto 300BC--- English, Economics, Sanskrit, Political science, Sociology
India from 300BC to 8th C--English, Economics, Sanskrit, Political science, Sociology

5. **Annual/ semester/choice based credit system (programme wise)**

UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP

6. **Participation of the department in the courses offered by other departments**

Department of History participate in following courses

- a) Interdisciplinary courses
- b) Discipline centered courses
- c) Concurrent courses
- d) Foundation courses offered by Political Sciences, Sociology, English, Hindi, Sanskrit, Commerce, Mathematics and economics department

Above courses are offered by English, sociology. Hindi, Sanskrit, political science at different level of under graduate programme and department actively participate in them.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Presently nil.

8. Details of courses/programmes discontinued (if any) with reasons

a) BA Honours--- annual mode

b) BA programme—annual mode

These were changed into semester system in 2011

9. Number of Teaching posts

Kindly refer to Table 7 of SSR

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided
I. Thirumali	PhD	Associate Professor	Modern History	34	Nil
Nirmal Kumar	PhD	Associate Professor (Retired)	Medieval India	26	Nil
Vandana Joshi	PhD, Post Doc	Associate Professor	European History	15	Nil
Neeraj Sahay	PhD	Associate Professor	Ancient India	15	Nil
M. Jeevan	MPhil	Associate Professor	Modern India	11	Nil
Madhuri Sharma	PhD, Post Doc	Associate Professor	Modern India	7.5	Nil
Nuti Namita	MA, Net	Associate Professor	Modern India	8	Nil
Shachi Meena	MPhil, Net	Assistant Professor	Medieval India	3	Nil
Awadhesh Jha	MPhil, Net	Assistant Professor	Medieval India	1.6	Nil
Saurabh kumar	MPhil Net	Assistant Professor	Ancient India	1.5	Nil

11. List of senior visiting faculty

Presently nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

The required details are tabulated below

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
B.A. (H) History	Each temporary faculty member is assigned full workload as per the university norms
B.A. Programme	

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 09		Total No. of Students			Ratio	
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		Total
1.	B.A. (H) History	99	37	63	199	In Hons. Course- 1:22
2.	Generic Elective	61	--	--	61	Other than Hons Course 1:25
3.	B.A. (Prog)	44	54	---	98	
4.	M.A.	34	26		60	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : NA

15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 05

No. of faculty members with PG = 05

Please refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

No. of faculty members with ongoing National Projects = 01

No. of faculty members with ongoing International Projects = 01

Please refer to point no. 17 for details.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Undergraduate Innovative Projects: Kindly refer to Table 8 of SSR

Research Projects :

Name of faculty member	Project	Title of the project	National/ International	Funding Agency	Grant Amount (Rs.)
Dr. I.Thirumali	ICSSR	Denotify tribes and Nomadic tribes	National	ICSSR	2 years of salary plus contingency of about 80, 000
Dr. Neeraj Sahay	UGC field study	Amritsar: Claims for heritage city	National	UGC	30,000

18. Research Centre /facility recognized by the University

Centre for South Indian Studies approved by Governing Body, Sri Venkateswara College, Funded by UGC and ICHR

19. Publications:

The details of publications and books authored by faculty members from 2010-15 are given:

Faculty Name	Books/Chapters Authored	Title	ISBN number
I.THIRUMALI	Book	Against Dora and Nizam: Peoples Movement inTelangana, 1938-48, 2003	81-901964-3.3
	Book	Marriage, Love and Caste: Perceptions on the Telugu Women During Colonial Period. 2005 Telangana-Andhra: Castes,Regions and Politics in Andhra Pradesh, 2013.	8185002487
	Book	South India: Regions, Cultures and Sagas (Ed. Book), 2004.	8190196421
	Book	The Repressive Discourses – Essays in Honour of Prof. Sabyasachi Bhattachary(Co-Edited) 2004.	81-901964-1-3
	Book	Telangana Andhra: Castes, Regions and Politics in Andhra Pradesh, 2013	978-93-5002-217-7
	Book Chapter	RadhikaSanthwanamu – Gendering the Women during the Eighteenth Centurtry” in <i>Privileging Women Agency in History</i> (ed) by I. Lakshmi & A. Satynarayana, New Delhi, 2012.	9788189131616
	Book Chapter	Chillarollu Telanganalo Kayakastamchese ShramikaKulalu’ <i>Nalupu</i> (Telugu), Aug.,1992	NA
	Book Chapter	Reproduced in <i>Rajyam, Palakavargalu,PrajaswamikaHakkulued.</i> by V. Subramanyam, Kavali,1996.	NA
	Book Chapter	Language, Communists and Vishalandhra in <i>Telangana: Dimensions of</i>	NA

		<i>Underdevelopment</i> ,(ed) by Simhadri et al., Hyderabad, 1997.	
Shachi Meena	Book	<i>Routes, Towns and Merchants in Western Central Mughal India:17th Century</i> , Book bank International, New Delhi	ISBN No-9788190861670
Madhuri Sharma	Book	Indigenous and Western Medicine in Colonial India, Cambridge University Press India Ltd., New Delhi, 2012.	ISBN 978-81-7596-889-9
	Book	Editing a book tentative title is: <i>State, Public Health and Medicine: 19th & 20th Century India</i>	
	Book Review	Review of <i>Women and Science in India: A Reader</i> ; edited by Neelam Kumar, Oxford University Press, Delhi, 2008 published in <i>International Journal of Gender, Science & Technology</i> , Vol. II, No. 1, 2010	
	Book Review	Reviewed a book written by Pratik Chakrabarti, <i>Bacteriology in British India: Laboratory Medicine and the Tropics</i> , New York, Rochester University Press, 2012; ISSN 1526-2715, pp 304 published in <i>Studies In History</i> , 30,2 (2014): 223-249	
Awadhesh Kumar Jha	Book Review	‘Building States and Markets after Communism: The Perils of Polarised Democracy’ by Timothy Frye, New York: Cambridge University Press. 2010, Published in <i>Eurasian Report</i> , April-June 2012.	
	Book Review	‘Rethinking Class in Russia’ (ed.) by Suvi Salmenniemi, Ashgate 2012, Published in <i>Strategic Analysis</i> Vol. 37, No.2, March-April 2013, 267-269.	
		‘Economy and Demography of Mortality’, <i>The Proceedings of Indian History Congress</i> , 64th Session Mysore, Dec. 2003, Indian History Congress, Kolkata, 2004, pp.753-66.	
		‘Public Health & the Historical City of Benares: Emergence of Concern’, <i>The Proceedings of Indian History Congress</i> , 63rd Session Amritsar, Dec. 2002, Indian History Congress, Mysore, 2003, pp. 871-84.	

20. Areas of consultancy and income generated

Presently Nil.

21. Faculty as members in a) National committees; b) International Committees c) editorial Boards---**a) National Committee- 07**

Dr. I.Thirumali : Indian History Congress, APHistory Congress

1. Dr. Neeraj Sahay: IHC
2. Dr. M.Jeevan: IHC
3. Dr. Madhuri Sharma: IHC, Aurangabad History Society, Loyola Forum for Historical Research
4. Dr. Shachi Meena: IHC
5. Dr.Awadhesh Kr Jha: IHC
6. Dr. Saurabh Kumar: IHC

b) International Body: 01

1. **Madhuri Sharma:** International Association for Historians of Asia, Asian Society of History of Medicine

a) Editorial Boards -02

1. I.Thirumali: **Paradeshi**, a Magazine on **Nomadic Tribes**, and on the state SCERT book board, Telangana State

22. Student projects

- a. **Percentage of students who have done in-house projects including inter departmental/programme NA**
- b. **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies NA**

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Criterion III, Table 3.12

24. List of eminent academicians and scientists / visitors to the department

S.No.	Name	Institution
1	Prof. Sabyasachi Bhattacharya	JNU
2	Professor R.S. Sharma	DU
3	Professor D.N. Jha	DU
4	Professor Bipan Chandra	JNU
5	professor IrfanHabib	AMU
6	Professor K.N. Pannikker	JNU
7	Professor Vijayaramaswamy	JNU
8	Dr Uma Chakravarti	DU

9	Professor SuviraJaiswal	JNU
10	Professor Deepak Kumar	JNU
11	Professor T.k. V. Subramanyam	DU
12	William Dalrymple	Aroad
13	Professor Kapil Kumar	IGNOU
14	MrAshwinLohani	Himachal

25. **Seminars/ Conferences/Workshops about a dozen were organized & the source of funding a) National b) International : Nil**

26. **Student profile programme/course wise**

27. **Diversity of Students**
Kindly refer Table 3 of SSR

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?** Not available

29. **Student progression:** As the department only enrolls undergraduate students so Department does not keep any such record as students take up these exams after completing their PG /UG degree

30. **Details of Infrastructural facilities**
a) Library---- Central library
b) Internet facilities for Staff & students--- Central internet facility
c) Class rooms with ICT facility ---- some class rooms has ICT facility
d) Laboratories--- Not applicable.

31. **Number of students receiving financial assistance from college, university, government or other agencies :** Data not available

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts**

Every year Department organizes Annual Lecture, Department Fest and Series of Lectures by academicians and historians where students get an opportunity to interact them as well as an opportunity to work and present their short research papers. Prof. Sabyasachi Bhattacharya; Professor R.S. Sharma, Professor D.N. Jha, Professor Bipan Chandra, professor IrfanHabib, Professor K.N. Pannikker, Professor Vijayaramaswamy, Dr Uma Chakravarti, Professor SuviraJaiswal, Professor Deepak Kumar, Professor T.K. V. Subramanyam, William Dalrymple, Professor Kapil Kumar, Mr Ashwin Lohani

33. **Teaching methods adopted to improve student learning**

Teaching methods includes dialogic, interactive, audio-visual tools and experience with primary sources in forms of visit to National archive, trips to different Monuments etc in order to develop analytical and critical ability of thinking, learning and understanding the discipline-History .

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities**

35. **SWOC analysis of the department and Future plans**

EVALUATIVE REPORT OF DEPARTMENT OF MATHEMATICS

1. **Name of the department** : Mathematics
2. **Year of Establishment** :1961
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

The Mathematics Department offers following Programmes /Courses:

 - B. Sc. Mathematics (Honours)
 - M.Sc. Mathematics
4. **Names of Interdisciplinary courses and the departments/units involved**
Department of Mathematics participates in the teaching for the following Interdisciplinary courses.
 - a) B.A. (Programme)
 - b) B.Sc. (Hons.) Biological Science
 - c) B.Sc. (Programme) Life Sciences
5. **Annual/ semester/choice based credit system (programme wise)**
UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
6. **Participation of the department in the courses offered by other departments**

Department of Mathematics has been participating in the following courses offered by the respective departments: B.Sc.(Hons.)Physics, B.Sc.(Hons.)Chemistry, B.Sc.(Hons.)Botany, B.Sc.(Hons.)Electronics, B.Sc.(Hons.)Bio-Chemistry, B.Com.(Hons.), B.A.(Hons.)Economics, B.Sc.(Hons.) Zoology.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Presently nil.
8. **Details of courses/programmes discontinued (if any) with reasons**
Presently nil.
9. **Number of Teaching posts**
Kindly refer to Table 7 of SSR
10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**

The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
Dr. Purnima Gupta (Retired)	M.A., Ph.D.	Associate Professor	Graph Theory	41	Nil
Dr. S.K. Shah (Retired)	M.A., Ph.D.	Associate Professor	Ring Theory	35	Nil
Mr. K.C. Malik (Retired)	M.Sc.	Associate Professor	Group Theory	34	Nil
Dr. Ranjana Mehta	M.A., Ph.D.	Associate Professor	Functional equations on algebraic structures	36yr 1mth	Nil
Mrs. Shakuntla Wadhwa	M.A., M.Phil.	Associate Professor	Operator Theory	32yr 2 mth	Nil
Dr. R.K. Budhraj	M.Sc., M.Phil., Ph.D.	Associate Professor	Computers and Mathematical Programming	30yr 1 mth	Nil
Dr. Mainak Mukherjee	M.Stat., M.Sc., Ph.D.	Associate Professor	Operator Theory, Probability and Mathematical Statistics	19yr 1 mth	Nil
Mrs. Pratibha Gaur	M.Sc., M.Phil.	Associate Professor	Operational Research	17	Nil
Dr. Swarn Singh	M.A., M.Phil., Ph.D.	Associate Professor	Functional Analysis, Computational Methods for partial diff.equations	15yr 1 mth	01 (03 ongoing)
Mrs. Deepti Jain (On Leave)	M.Sc., M.Phil.	Assistant Professor	Operator Theory	9yr 10 mth	Nil
Mr. Ninian Nauneet Kujur	M.Sc.	Assistant Professor	Analysis	14yr 9 mth	Nil
Mr. S C Garg (Resigned)	M.Sc.,M.Phil.	Assistant Professor	Probability	08	Nil
Mr. Amit Kumar*	M.Sc	Assistant Professor	Analysis	06	Nil
Dr. H P Singh (Resigned)	Ph.D.	Assistant Professor	Robotics	02	Nil
Ms. Nisha Bohra*	M.Sc.,M.Phil.	Assistant Professor	Algebra(Group Rings)	2yr 2 mth	Nil

Mr. Sudhakar Yadav*	M.Sc.	Assistant Professor		1yr 9 mth	Nil
Dr. Deepika Dhall*	M.Sc.,M.Phil., Ph.D.	Assistant Professor	Computational Methods for Differential Equations	1yr 1 mth	Nil
Ms. Sandhaya Rani* (Resigned)	M.Sc.	Assistant Professor		1	Nil
Ms. Neha Mongia*	M.Sc.,M.Phil.	Assistant Professor	Operator Theory	2 months	Nil
Mr. Harshdeep Singh*	M.Sc.	Assistant Professor		2 months	Nil
Mr. Sachin Sharma*	M.Sc., M.Phil.	Assistant Professor	Numerical Analysis	2 months	Nil

*Presently on Ad-hoc Basis.

11. List of senior visiting faculty

Dr. Purnima Gupta, (Retired faculty from Sri Venkateswara College, Delhi)

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

The required details are tabulated below

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
Various courses mentioned in Sl.no. 4 and 6.	50% of the lectures and 70% of the practicals are handled by temporary/ad-hoc faculty

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 15		Total No. of Students				Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.	Total	
1.	B.Sc. (H) Mathematics	101	162	81	344	In Hons. Course- 1:23
2.	Generic Elective	220	--	--	220	Other than Hons Course 1:31
3.	B.A. (Prog)	01	12	---	13	
4.	B.Sc. (H) Physics	---	78	---	78	
5.	B.Sc. (H) Chemistry	--	68	---	68	
6.	B.Sc. (H) Botany	--	33	---	33	
7.	B.Sc. (H) Electronics	--	50	---	50	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

NIL

15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 08 (2 retired, 1 resigned)

No. of faculty members with M.Phil. = 07(1 resigned)

No. of faculty members with PG = 06(1 retired, 1 resigned)

Kindly refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

No. of faculty members with ongoing National Projects = NIL

No. of faculty members with ongoing International Projects = NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received**Undergraduate Innovative Projects:** Kindly refer to Table 8 of SSR**18. Research Centre /facility recognized by the University**

Presently nil.

19. Publications:

Faculty Name	Publications	ISSN	Impact Factor
Dr. Swarn Singh	JYOTI TALWAR, R.K. MOHANTY and SWARN SINGH , "A New Algorithm Based On Spline In Tension Approximation For 1D Quasi-Linear Parabolic Equations On A Variable Mesh", <i>International Journal for Computer Mathematics</i> , http://dx.doi.org/10.1080/00207160.2015.1074682 (2015) TAYLOR & FRANCIS(USA), SCI Journal	ISSN: 1029-0265	0.82
	JYOTI TALWAR, R.K. MOHANTY and SWARN SINGH , "A New Spline In Compression Approximation For One Space Dimensional Quasilinear Parabolic Equations On A Variable Mesh", <i>Applied Mathematics and Computation</i> , Vol. 260, pp. 82-96 (2015) ELSEVIER SCIENCE INC(USA), SCI	ISSN: 0096-3003	1.6

	Journal		
	R.K.MOHANTY, SURUCHI SINGH and SWARN SINGH , “A New High Order Space Derivative Discretization for 3D Quasi-linear Hyperbolic Partial Differential Equations”, <i>Applied Mathematics and Computation</i> , Vol. 232, pp. 529-541 (2014), ELSEVIER SCIENCE INC(USA), SCI Journal	ISSN: 0096-3003	1.6
	SWARN SINGH and PING LIN, “High Order Variable Mesh off-step Discretization for the Solution of 1D Non-linear Hyperbolic Equations”, <i>Applied Mathematics and Computation</i> , Vol. 230, pp. 629-648 (2014), ELSEVIER SCIENCE INC(USA), SCI Journal	ISSN: 0096-3003	1.6
	SWARN SINGH , SURUCHI SINGH, and R.K. MOHANTY, “A New High Accuracy Off-Step Discretisation for the Solution of 2D Non-linear Triharmonic Equations”, <i>East Asian Journal on Applied Mathematics</i> , Vol. 3, pp. 228-246 (2013), GLOBAL SCIENCE PRESS (CHINA), SCI	ISSN: 2079-7362	.545
	SURUCHI SINGH, SWARN SINGH and R.K. MOHANTY, “High Accuracy Cubic Spline Approximation on a Geometric Mesh for the Solution of 1D Non-linear Wave Equations”, <i>Journal of Mathematical and Computational Science</i> , Vol. 2, No.4, pp. 1126-1143 (2012), SCIENCE & KNOWLEDGE PUBLISHING CORPORATION LIMITED, Non SCI	ISSN: 1927-5307	
Dr. Harendra Pal Singh	H. P. Singh , “Simulation of neural network based adaptive compensator control scheme for multiple mobile manipulators with uncertainties”, <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , De Gruyter, 15, 2014.	ISSN NO. 2191-0294 (SCI)	0.453
	H. P. Singh and N. Sukavanam, “Stability analysis of robust adaptive hybrid position/force controller for robot manipulators using neural network with uncertainties”, <i>Neural Computing and Applications</i> , DOI: 10.1007/s00521-012-0966-6, Springer, 2013	ISSN NO. 1433-3058 (SCI)	1.763

	H. P. Singh and N. Sukavanam, “Neural network based control scheme for redundant robot manipulators subject to multiple self-motion criteria”, Mathematical and Computer Modelling, 55, pp. 1275-1300, Elsevier, 2012	ISSN NO. 0895-7177. (SCI)	2.02
	H. P. Singh and N. Sukavanam, “Simulation and stability analysis of neural network based control scheme for switched linear systems”, ISA Transactions, 51, pp. 105-110, Elsevier, 2012	ISSN NO. 0019-0578. (SCI)	2.26
	H. P. Singh and N. Sukavanam, “Intelligent robust adaptive trajectory and force tracking control for holonomic constrained nonholonomic mobile manipulators”, Advanced Science Letters, 16, pp. 313-321, American Scientific Publishers, 2012	ISSN NO. 1936-7317. (Non-SCI)	
	H. P. Singh and N. Sukavanam, “Control of robot manipulators in task-space under uncertainties using neural network”, International Journal of Intelligent Engineering Informatics, Inderscience, 1 (2), 2011.	ISSN NO. 1758-8723. (Non-SCI)	
	H. P. Singh and N. Sukavanam, “Neural network based adaptive compensator for motion/force control of constrained mobile manipulators with uncertainties”, in proceeding of International conference on Hybrid Intelligent System (IEEE HIS-2011), Malacca, Malaysia, 5-8 December 2011		
	H. P. Singh , N. Sukavanam and Vikas Panwar, “Neural network based compensator for robustness to the robot manipulators with uncertainties” in proceeding of International Conference on Mechanical and Electrical Technology (IEEE ICMET-2010), Singapore during 10-12 September, pp.444-448, 2010		

	H. P. Singh and N. Sukavanam, “Uncertain bound estimation for robustness to robot manipulators using feedforward neural network” in proceeding of International Conference on Computational Intelligence and Communication Networks (IEEE CICN-2010), Bhopal during 26-28 November, pp.133-138, 2010		
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- Publication per faculty: 0.71
- Number of papers published in peer reviewed journals (national /International) by faculty and students: 15
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 11
- Monographs: Nil
- Chapter in Books: Nil
- Books Edited: Nil
- Books with ISBN/ISSN numbers with details of publishers:

Faculty Name	Books/Chapters Authored	Title and Year	ISBN number and detail of publishers
Dr. Ranjana Mehta	Book	Numerical Methods and Programming (2013)	ISBN: 978-93-8212-719-2 Publisher: Ane Books Pvt. Ltd. New Delhi-110002
	Book	Numerical Analysis (2013)	ISBN: 978-93-8212-747-5 Publisher: Ane Books Pvt. Ltd. New Delhi-110002
Dr. Mainak Mukherjee	Book	A Course in Real Analysis (2011)	ISBN: 978-81-7319-801-4 Publisher: Narosa Publishing House Pvt. Ltd.
Dr. S. K. Shah	Book	Complex Numbers and Theory of Equations (2012)	ISBN: 10: 978-93-80601-31-1 Publisher: Anthem Press
Dr. S. K. Shah	Book	Group Theory (2013)	ISBN: 978- 81- 317-8763-2 Publisher: Pearson (Dorling Kindersley (India)
Dr. S. K. Shah and Subhash Garg	Book	Mathematics and Statistics for Life Sciences(2010)	ISBN : 978-81-928184-0-5 Publisher: Vardhman Publications

20. Areas of consultancy and income generated

Presently Nil.

21. Faculty as members in

Presently nil.

22. Student projects

- a) **Percentage of students who have done in-house projects including inter departmental/programme:** Presently nil.
- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies :** 0.5% Approx.

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Criterion III, Table 3.12

Student Awards:

Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year	No. of Ranks
1	2010-2011	2 in UDSC
2	2011-2012	3 in UDSC
3	2012-2013	1 in DU and 8 in UDSC
4	2013-2014	2 in DU and 3 in UDSC

24. List of Eminent academicians and scientists / visitors to the department

S.No.	Name	Institution	Month/Year of Visit
1	Prof. Hukum Singh Professor of Mathematics, Head, Division of Educational Kits and Dean (Academic), NIC.	NCERT	Feb, 2012
2	Prof. P. K. Saxena OS and Director, Scientific Analysis Group (SAG), Delhi, and Chief Information Security Officer (CISO).	DRDO	Feb, 2013
3	Prof. C. K. Jaggi Head, Department of Operational Research, University of Delhi.	University of Delhi	Feb, 2014

25. Seminars/ Conferences/Workshops organized & the source of funding a)

National b) International : Presently Nil.

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected *	Enrolled		Pass percentage***
				** M	** F	
B.Sc. Mathematics (Hons.) (Three year (annual/semester) /Four year undergraduate programme)	10-11	Admission via centralized admission system of University of Delhi	126	74	52	93.8%
	11-12		118	60	58	97.4%
	12-13		148	77	71	94.6%
	13-14		101	81	20	92.1%
	14-15		184	106	78	95.7%
M.Sc. Mathematics (annual/semester)	10-11		17	3	14	95%
	11-12		16	1	15	82%
	12-13		24	6	18	61.2%
	13-14		17	3	14	90%
	14-15		19	6	13	

*This data is of only First Year Mathematics (Hons.) students.

**M = Male; **F = Female

*** Pass percentage is for all first, second and third year Mathematics (Hons.) students.

27. Diversity of Students

Kindly refer Table 3 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? No concrete data available**29. Student progression**

Student progression	Against % enrolled
UG to PG	10%
PG to M.Phil/Ph.D Ph.D. to Post-Doctoral	Data not available
Employed • Campus selection • Other than campus recruitment	10%
Entrepreneurship/Self-employment	5%

30. Details of Infrastructural facilities

a) Library

College Library: There is a separate section for Mathematics books in the main library of the college with a good collection of books. Mathematics journals and magazines are also available in the main college library.

b) Internet Facilities for staff & students

Department uses the internet facilities provided by the college in Information and Communication Technology Centre (ICT) of the college for its staff and students. ICT has well equipped separate Faculty staff room as well as student lab with Wi-Fi and printer facility.

c) Class rooms with ICT facility

Many of the classrooms are equipped with ICT facility in the college. The Department of Mathematics uses these rooms for teaching program involving power point presentations.

d) Laboratories : There are 3 well equipped Labs with softwares MATHEMATICA, MATLAB, etc. which Department of Mathematics shares with the other Departments.

31. Number of students receiving financial assistance from college, university, government or other agencies (As per Flag No. 7)

Year	Agency	No. of students
2012	Central sector scholarship scheme (CBSE)	01
2014	INSPIRE	08

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Programme	Speaker
Topics in undergraduate research	Prof. Bhudev Sharma , Former Professor of Mathematics Clark, Atlanta University, Atlanta, GA, USA, Chief Editor: Jr of Combinatorics, Information &
Coding Theory	Prof. B. K. Dass, Head, Department of Mathematics, University

Mathematical Lab for undergraduate students	Prof. Hukum Singh, Professor of Mathematics, Head, Division of Educational Kits and Dean (Academic), NIC, NCERT.
Application of Mathematics in Defence	Prof. P. K. Saxena, OS and Director, Scientific Analysis Group (SAG), Delhi, and Chief Information Security Officer (CISO), DRDO.
Research topics in Linear Programming for undergraduate students	Dr. C. S. Lalitha, Associate Professor, Department of Mathematics, University of Delhi.
Queuing Theory	Prof. C. K. Jaggi, Head, Department of Operational Research, University of Delhi.
Scope for research in statistics in American Universities	Prof. Sat. N. Gupta, Department of Mathematics and Statistics, University of North Carolina at Greensboro, NC 27402, USA.

33. Teaching methods adopted to improve student learning

- Explicit / direct instruction: Teaching a specific skill or concept in a highly structured environment using clear, direct language.
- Tutorials: A group of 12 students working together on an instructional activity, periodically.
- Cooperative learning: Students working together in small mixed-ability groups to maximize everyone's learning.
- Using advanced software: Latest Mathematical Software like MATHEMATICA, MATLAB, MAXIMA, EXCEL, SPSS etc. are used.
- Using technology:
 - (a) Computers are being used wisely to understand the geometrical aspect of mathematics (especially 3-dim, 4-dim situations).
 - (b) Motivate students to use digital / mobile cameras to record student's mathematical activities and upload them on public/social media. For example see the link <http://www.youtube.com/watch?v=EYQd-7QxBMs> , <http://mathsmodelling.wordpress.com>
 - (c) Some teachers made their pages on Facebook with the name of the papers given in syllabus and asked students to interact and give response.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Students are actively participating in the social service society of the college "Parivartan" which includes teaching of underprivileged students, participating in blood donation camps etc.

35. SWOC analysis of the department and Future plans

Strengths:

- a) Ours is a very popular and sought after Department, students with high percentages join the courses offered by our Department.
- b) Almost every year, our students secure top positions in the University.
- c) We have teachers of high caliber who deliver complex concepts of Mathematics in a very swift and student friendly manner.
- d) We provide student teacher interacting platform under the banner of Mathematics association through various academic and cultural activities like kite flying festival, Mathematical rangoli, Quiz, paper presentations, excursions, publication of annual magazine (Math life), Sudoku, click the math and other educational games etc.
- e) We train and encourage students to go for research/higher studies.

Weakness:

- a) The socio-economic background of many of the students admitted in the College is responsible for poor language competence (both in their mother tongue as well as English). This leads to an unsatisfactory level of comprehension and communication, particularly in the first two semesters.
- b) The Department has not been able to enter into student exchange programmes.

Opportunity:

- a) The Department with its resources and networking ensure student's greater participation in summer internship programmes conducted by reputed institutions like IITs, NBHM, JNU etc.
- b) The courses : Financial Mathematics, Operations Research, Computer Programming in C, C++ , Computer Softwares like Mathematica, Matlab etc. strengthen the job prospects of students in the Corporate Sector.

Challenges:

- a) To motivate students to go for research in Mathematics
- b) Start research activities for the development of the faculty members.

Future Plans:

- a).The staff is competent to guide students for Ph.D.
- b).The Department is exploring the possibilities to **collaborate with the foreign universities** for their Exchange programmes.
- c).The teachers are looking forward for the opportunities to undergo **short - term Exchange programmes** with other International and National Universities.

EVALUATIVE REPORT OF DEPARTMENT OF PHYSICS

1. **Name of the Department:** Physics
2. **Year of Establishment:** 1973
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
The Department of Physics offers following Programmes /Courses:
 - a) B. Sc. Physics (Honours): three year course
 - b) M.Sc. Physics: two year course
4. **Names of Interdisciplinary courses and the departments/units involved**
The Department of Physics participates in the teaching of following courses along with the Department of Botany, Zoology, Chemistry and Biochemistry.
 - a) B. Sc. (Programme) Life Sciences
 - b) B. Sc. (Honours) Biological Sciences
5. **Annual/ semester/choice based credit system (programme wise)**
UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
6. **Participation of the department in the courses offered by other departments**
Department of Physics has been participating in the following courses offered by the respective departments:
 - a) B. Sc. (Hons.) Mathematics
 - b) B. Sc. (Hons.) Chemistry
 - c) B. Sc. (Hons.) Biochemistry
 - d) B. Sc. (Hons) & B.Tech. Electronics
 - e) Other science and mathematical science departments for GE courses in CBCS
 - f) All other departments for Science & Life Foundation Course under FYUP (2013-2014)
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Presently nil.
8. **Details of courses/programmes discontinued (if any) with reasons**
Presently nil.
9. **Number of Teaching posts**
Kindly refer to Table 7 of SSR
10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**
The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for last 4 years
Dr. R. K. Pal	Ph.D.	Associate Professor (Retired)	Solid State Physics	31	-
Dr. Renu Jain	M.Phil. Ph.D.	Associate Professor	Space Physics	30	-
Dr. B.V.G. Rao	Ph.D.	Associate Professor	Experimental Physics	31	-
Dr. P. Vyas	M.Phil. Ph.D.	Associate Professor	Plasma Physics	29	-
Dr. C. Kaur	Ph.D.	Associate Professor	Nuclear Physics	25	-
Dr. A. K. Chaudhary	Ph.D.	Associate Professor	Astrophysics	21	-
Dr. K. C. Singh	Ph.D.	Associate Professor	Electroceramics	21	2 Registered
Dr. B. Biswal	Ph.D.	Associate Professor (On Lien)	Nonlinear Dynamics	17+ 3yrs On Lien	1 +1 Registered
Mr. N. Kumar	M.Tech.	Assistant Professor	Micro Electronics	10	NA
Dr. A. Pandey	Ph.D.	Assistant Professor	Electronics and Radiation Physics	10	1 Awarded 2 Registered
Dr. Pranjal Trivedi	Ph.D.	Assistant Professor	Cosmology & Astrophysics	9	NA

Temporary Faculty who have worked in the Department 2009-2015 but have since left:

Mr. Agam Jha	M.Sc.	Temporary (Lecturer)	Particle Physics	2 yrs 2009-10	NA
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Dr. Rupali Suresh	Ph.D.	Ad-hoc (Lecturer)	Fiber Optics	2 yrs 2009-10	NA
Mr. Vimlesh Mishra	M.Sc.	Ad-hoc (Lecturer)	Material Science	1.5 yrs 2011 - 12	NA
Mr. Anit Dawar	M.Sc.	Ad-hoc (Lecturer)	Electronics	0.5yrs 2012	NA
Ms. Ekta Bajaj	M.Sc.	Ad-hoc (Lecturer)	Electronics	3 months 2012	NA
Dr. Imran Khan	Ph.D.	Ad-hoc (Assistant Professor)	Condensed Matter	6 months 2013	NA
Ms. Preeti	M.Sc.	Ad-hoc (Assistant Professor)	Electronics	6 months 2013	NA
Ms. Shreya Mittal	M.Sc.	Ad-hoc (Assistant professor)	Laser & Spectroscopy	5 months 2014	NA

11. List of senior visiting faculty

Presently nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

The required details are tabulated below

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 09		Total No. of Students			Total	Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		
1.	B.Sc. (H) Physics	72	78	31	181	In Hons. Course- 1:23
2.	Generic Elective	220	--	--	42	Other than Hons Course 1:05

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

YE R→ POST S ↓	10-11		11-12		12-13		13-14		14-15	
	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted
Techn ical Assist ant	1	1	1	1	1	1	1	1	1	1
Lab Assist ants	4	4	4	4	4	4	4	4	4	4
Lab Atten dants	2	2	2	2	2	2	2	2	2	2

15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ MPhil / PG.

Number of faculty members with Ph.D. = 10

Number of faculty members with PG only = 01

Kindly refer to point number 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Number of faculty members with ongoing National Projects = 03

Number of faculty members with ongoing International Projects = Nil

Kindly refer to point number 17 for details.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Undergraduate Innovative Projects: Kindly refer to Table 8 of SSR

Research Projects :

Name of faculty member	Project	Title of the project	National/ International	Funding Agency	Grant Amount	Tenure
Individual Research Projects						
Dr. K. Chandramani Singh	UGC Major Research Project	Synthesis of lead free piezoelectric materials from nanoceramic powders	National	UGC	9,85,300	2008-2011 Completed
	DST Extra Mural Research Funding	Development of lead free alkaline niobate based Piezoceramics	National	DST	31,96,255	2012-2015 Completed
	DST Extra Mural Research Funding	Ferroelectric and Piezoelectric Properties of Modified Barium Titanate Ceramics	National	DST	28,44,000	2015-2018
Dr. Anant Pandey	Fast Track Young Scientist Project	A study of thermoluminescent nanocrystalline phosphors for gamma-ray dose measurement	National	DST	20,16,000/-	2008 – 2011 Completed
	Indo-Russian Project	Synthesis of nanocrystalline thermoluminescent phosphors for their application in dosimetry of heavy charged particles	International	DST	19,76,640/-	2009-2011 Completed

		and electromag netic radiation				
	AUC Beam Time Project	Synthesis and characteriz ation of energy independen t thermolumi nescent materials for dosimetry of ion beams	National	IUAC, New Delhi	One post of JRF sanctione d. Total amount of project yet to be informed	2015- Ongoin g (for a duration of 3 years)

18. Research Centre /facility recognized by the University

INAAD (IUCAA Node for Astronomy & Astrophysics Development) at Sri Venkateswara College

19. Publications:

The details of publications and books authored by faculty members from 2010-15 are given:

Books

Faculty name	Books/ Chapters Authored	Title	ISBN number
Dr. B.V.G. Rao	1	“Science and Life” (with co-author Dr. Sunita Dhingra) (2014) Book Age Publishers	978-93-83281-04-6

Research Publications

Faculty Name	Publications	ISSN	Impact Factor
Dr. K. Chandramani Singh	1. Roopam Gaur, K. Chandramani Singh, Radhapiyari Laishram. 2015. Effect of sintering parameters on the electrical and the piezoelectric properties of double-calcined $(K_{0.48}Na_{0.48}Li_{0.04})(Nb_{0.96}Sb_{0.04})O_3$ nanopowders. The Korean Physical Society, 66(5): 800-805	0374-4884	0.425
	2. Roopam Gaur, Apurva Dhingra, Soham Pal and K. Chandramani Singh. 2015. Enhanced piezoelectric properties in vanadium-modified lead-free $(K_{0.485}Na_{0.5}Li_{0.015})(Nb_{0.88}Ta_{0.1}V_{0.02})O_3$ ceramics prepared from nanopowders. Journal of Alloys and Compounds, 625: 284-290	0925-8388	2.725
	3. Roopam Gaur and K. Chandramani Singh. 2015. Piezoelectric properties of $(K_{0.5}Na_{0.5})_{1-x}Li_x(Nb_{0.96}Sb_{0.04})O_3$ ceramics prepared from nanocrystalline powders. Ceramics International, 41(1): 1413-1420	0272-8842	2.086
	4. Roopam Gaur, K. Chandramani Singh, Radhapiyari Laishram. 2014. Piezoelectric and dielectric properties of $(K_{0.485}Na_{0.485}Li_{0.03})(Nb_{0.96}Sb_{0.04})O_3$ ceramics prepared from nanopowders. Advanced Science Letters. 20: 1159-1,62	1936-6612	1.253
	5. Roopam Gaur, Maitreyi Sangal, Arpit Dwivedi and K. Chandramani Singh. 2014. Lead-free vanadium-substituted $(K_{0.485}Na_{0.5}Li_{0.015})(Nb_{0.9}Ta_{0.1})O_3$ piezoceramics synthesized from nanopowders. Journal of Materials Science: Mater. Electron, 25: 3195–3202	0957-4522	1.966
	6. K. Chandramani Singh, R. Yadav, P.H. Khani. 2014. Positron Lifetime and Electrical Conductivity Studies of Bicontinuous Phase in (TTAB+Pentanol)/Water/n-Octane Reverse Micellar System. Molecular Crystals and Liquid Crystals, 596: 69-75	1542-1406	0.58
	7. K. Chandramani Singh and Chongtham Jiten. 2013. Size effect on piezoelectric properties of barium stannate titanate ceramics prepared from nanoparticles. Journal of Materials Science: Mater. El., 24: 4247-4252	0957-4522	1.966
	8. Roopam Gaur, K. Chandramani Singh and Radhapiyari Laishram. 2013. Structural and piezoelectric properties of barium-modified lead-free $(K_{0.455}Li_{0.045}Na_{0.5})(Nb_{0.9}Ta_{0.1})O_3$ ceramics. Journal of Materials Science, 48: 5607–5613	0022-2461	2.305

	<p>9. K. Chandramani Singh and Chongtham Jiten. 2013. Production of BaTiO₂ nanocrystalline powders by high energy milling and piezoelectric properties of corresponding ceramics. Key Engineering Materials, 547: 133-138</p> <p>10. R. Yadav, K. Chandramani Singh, S.R. Choudhary and P.C. Jain. 2013. Location of Phase Boundaries of Lyotropic Liquid Crystal Employing Positron Lifetime Spectroscopy and Electrical Conductivity Measurement. Materials Science Forum, 733: 127-131</p> <p>11. K. Chandramani Singh and A. K. Nath. 2011. Barium titanate nanoparticles produced by planetary ball milling and piezoelectric properties of corresponding ceramics. Materials Letters, 65: 970–973</p> <p>12. K. Chandramani Singh, A.K. Nath, Radhapiyari Laishram and O. P. Thakur. 2011. Structural, electrical and piezoelectric properties of nanocrystalline tin-substituted barium titanate ceramics. Journal of Alloys and Compounds, 509:2597–2601</p> <p>13. K. Chandramani Singh and Chongtham Jiten. 2011. Lead-free piezoelectric ceramics manufactured from tantalum-substituted potassium sodium niobate nanopowders. Materials Letters, 65: 85-88</p> <p>14. Chongtham Jiten, A. K. Nath, K. Chandramani Singh, Radhapiyari Laishram, O. P. Thakur and D. K. Bhattacharya. 2010. Electrical and Piezoelectric properties of Lead-Free (K_{0.5}Na_{0.5})(Nb_{0.9}Ta_{0.1})O₃ Ceramics prepared from Nanopowders. Integrated Ferroelectrics, 116:1-7</p> <p>15. A.K. Nath, K. Chandramani Singh, Radhapiyari Laishram and O. P. Thakur. 2010. Ferroelectric, piezoelectric and electrostrictive properties of Ba(Ti_{1-x}Sn_x)O₃ ceramics obtained from nanocrystalline powder. Materials Science and Engineering B, 172: 151-155</p> <p>16. K. Chandramani Singh, Chongtham Jiten, Radhapiyari Laishram, O. P. Thakur and D. K. Bhattacharya. 2010. Structure and electrical properties of Li and Ta substituted K_{0.5}Na_{0.5}NbO₃ lead-free piezoelectric ceramics prepared from nanopowders. Journal of Alloys and Compounds, 496: 717-722</p> <p>17. A.K. Nath, Chongtham Jiten and K. Chandramani Singh. 2010. Influence of ball milling parameters on the particle size of Barium Titanate nanocrystalline powders. Physica B: Condensed Matter, 405:430-434</p> <p>18. A. K. Nath, Chongtham Jiten, K. Chandramani Singh, Radhapiyari Laishram, O. P. Thakur and D. K. Bhattacharya. 2010. Effect of ball milling time on the electrical and piezoelectric properties of barium titanate ceramics. Integrated Ferroelectrics, 115:1-8</p>	<p>1662-9795</p> <p>1662-9752</p> <p>0167-577X</p> <p>0925-8388</p> <p>0167-577X</p> <p>1058-4587</p> <p>0921-5107</p> <p>0925-8388</p> <p>0921-4526</p> <p>1058-4587</p>	<p>0.224</p> <p>0.339</p> <p>2.269</p> <p>2.725</p> <p>2.269</p> <p>0.375</p> <p>2.122</p> <p>2.725</p> <p>1.327</p> <p>0.375</p>
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Dr. Anant Pandey	1. "Thermoluminescent response of nanocrystalline Ba _{0.97} Ca _{0.03} SO ₄ :Eu for proton beam" Shaila Bahl, S P Lochab, V E Aleynikov, A G Molokanov, A A Rupasov, A Pandey and Pratik Kumar, 2010 <i>Indian Journal of Pure & Applied Physics</i> 48 500-504	0975-1041	0.711
	2. "Nanocrystalline BaSO ₄ :Eu for dosimetry of proton beams" Shaila Bahl, S P Lochab, Anant Pandey , Pratik Kumar, V E Aleynikov and A Molokanov, 2011 <i>AIP Conf. Proc.</i> 1349 439-440; doi: 10.1063/1.3605923	0094-243X	-----
	3. "Thermoluminescence properties of nanocrystalline K ₂ Ca ₂ (SO ₄) ₃ :Eu irradiated with gamma rays and proton beam" A Pandey , Shaila Bahl, Kanika Sharma, Ranju Ranjan, Pratik Kumar, S P Lochab, V E Aleynikov and A G Molokanov, 2011 <i>Nuclear Instruments and Methods in Physics Research Section B</i> 269 216-222	0168-583X	1.186
	4. "Nanocrystalline K ₂ Ca ₂ (SO ₄) ₃ :Eu for proton beam dosimetry" Shaila Bahl, S P Lochab, A Pandey , V E Aleynikov, A Molokanov and Pratik Kumar, 2012 <i>AIP Conf. Proc.</i> 1447 333-334; doi: 10.1063/1.4710015	0094-243X	-----
	5. "Thermoluminescence and photoluminescence study on 150 MeV proton beam irradiated K ₂ Ca ₂ (SO ₄) ₃ :Eu phosphor" Shaila Bahl, S P Lochab, Anant Pandey , V E Aleynikov, A G Molokanov and Pratik Kumar, 2012 <i>Radiation Physics and Chemistry</i> 81 1683-1687	0969-806X	1.189
	6. "Thermoluminescence response of rare earth doped nanocrystalline Ba _{0.97} Ca _{0.03} SO ₄ ", Shaila Bahl, S P Lochab, Anant Pandey and Pratik Kumar, 2013 <i>AIP Conf. Proc.</i> 1512 426-427; doi: 10.1063/1.4791093	0094-243X	-----
	7. "Synthesis and thermoluminescence characteristics of gamma and proton irradiated nanocrystalline MgB ₄ O ₇ :Dy,Na" Shaila Bahl, Anant Pandey , S P Lochab, V E Aleynikov, A G Molokanov and Pratik Kumar 2013 <i>Journal of Luminescence</i> 134 691-698	0022-2313	2.367
	8. "Characterization and luminescence studies of Eu doped Barite nanophosphor" Shaila Bahl, S P Lochab, Anant Pandey , Vipin Kumar, V E Aleynikov, A G Molokanov and Pratik Kumar 2014 <i>Journal of Luminescence</i> 149 176-184	0022-2313	2.367

Dr. Pranjal Trivedi	1. “Primordial Magnetic Field Limits from CMB Trispectrum - Scalar Modes and Planck Constraints” <i>Pranjal Trivedi, Kandaswamy Subramanian & T. R. Seshadri Physical Review D 89, 043523 (2014)</i>	1550-7998	4.864 (2014)
	2. “Cosmic Microwave Background Trispectrum and Primordial Magnetic Field Limits” <i>Pranjal Trivedi, T. R. Seshadri & Kandaswamy Subramanian Physical Review Letters 108, 231301 (2012)</i>	0031-9007 (print) 1079-7114 (online)	7.943 (2012)
	3. “Primordial Magnetic Field Limits from Cosmic Microwave Background Bispectrum of Magnetic Passive Scalar Modes” <i>Pranjal Trivedi, Kandaswamy Subramanian & T. R. Seshadri Physical Review D 82, 123006 (2010)</i>	1550-7998	4.964 (2010)

20. Areas of consultancy and income generated

Presently Nil.

21. Faculty as members in a) National committees b) International committees c) Editorial boards

a) Dr. Renu Jain: member of National Project Review Steering Group (PRSG) on four projects funded by Government of India - Departmental of Electronics and Information Technology, in monitoring and guiding in the area of cyber security during the period 2010 to 2013.

22. Student projects

a) **Percentage of students who have done in-house projects including inter departmental/programme 100% during the annual mode**

b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies**

S.NO.	COURSE	Year	Total no. of students	Percentage of students
1.	B.Sc. (H) Physics III year	2010-2011	2	12.5
2.	B.Sc. (H) Physics III year	2011-2012	2	2

3.	B.Sc. (H) Physics III year	2012-2013	3	4.5
4.	B.Sc. (H) Physics III year	2013-2014	3	12
5.	B.Sc. (H) Physics III year	2014-2015	2	4

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Criterion III, Table 3.12

Student Awards:

S.No.	Medal	Year	No. of students receiving the medal
1	Quiz "QUEST" organized by Centre for Science Education, Delhi University in 2012.	2011-2012	1
			1
2	Certificate by Golden Key International Honour Society	2012-2013	1
3	First prize in Paper Presentation.	2013	2
4	Google Campus Ambassador	2011-2012	1
5	Caltech LIGO SURF Summer Undergraduate Research Fellowship	2011-2012	1
6	SCIENCE MERITORIOUS AWARD	2011-2012	6

Other Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year	No. of Ranks
1	2010-2011	2
2	2011-2012	2
3	2012-2013	6
4	2013-2014	3
5	2014-2015	1

24. List of eminent academicians and scientists / visitors to the department

S.No.	NAME OF THE EMINENT ACADEMICIAN/ SCIENTIST / VISITOR	Institution	Month/Year of Visit
1.	Prof N. Jagannathan	AIIMS	March 2015
2.	Prof V Ravishankar	IIT Delhi	March 2015
3.	Prof. T.R. Seshadri	University of Delhi (Dept. of Physics and Astrophysics)	March 2014
4.	Prof. Sandeep Sahijpal	Punjab University, Chandigarh (Dept. of Physics)	March 2014
5.	Prof. Rupamanjari Gosh	Shiv Nadar University	September 2013
6.	Dr. Vikram Vyas	St. Stephen's College, University of Delhi & Shiv Nadar University	October 2013
7.	Dr. Awadhesh Prasad	University of Delhi (Dept. of Physics and Astrophysics)	January 2013
8.	Prof. Brajesh Chandra Choudhary	University of Delhi (Dept. of Physics and Astrophysics)	March 2013
9.	Prof. Patrick Das Gupta	University of Delhi (Dept. of Physics and Astrophysics)	March 2013
10.	Prof. Joby Joseph	IIT Delhi	March 2013
11.	Prof. Ajoy Ghatak	IIT Delhi	March 2013
12.	Dr. S.P. Lochabh	IUAC	March 2012
13.	Dr. Purnima Malhotra	DRDO	March 2012
14.	Prof. H. S. Hans	Punjab University, Chandigarh	March 2011
15.	Dr. Amit Roy	IUAC	March 2011
16.	Prof. Ajit Kembhavi	Director, IUCAA	January 2011
17.	Mr. Sharmad Navelkar & Mr. Tushar Aggarwal	IUCAA & Persistent Systems	January 2011
18.	Dr. M. K. Das	Institute of Informatics and Communication, UDSC Delhi	January 2011

25. Seminars/ Conferences/Workshops organized & the source of funding a) National b) International

Workshops

- Introductory Workshop on Cosmology (INAAD Programme), 4-5 September 2014, Convenor: Dr Pranjal Trivedi. Grant: IUCAA (funded by UGC) and Star College Scheme (funded by DBT)
- Virtual Observatory Workshop (2011), Convenor: Dr. Pranjal Trivedi. Grant: IRC Delhi-IUCAA (funded by UGC)
- Dynamics DayWorkshop 2010, Convenor: Dr B. Biswal

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected*	Enrolled		Pass percentage***
				**M	**F	
B.Sc (Honours) (three year (annual/ semester) /four year programme)	2010-11		90	48	42	I - 97.3 % II - 95.5 % III - 85.4 %
	11-12		24	11	13	I - 86.6 % II - 95.88 % III - 100 %
	12-13		45	32	13	I - 96.0 % II - 97.78 % III - 100.0 %
	13-14		27	25	02	I - 96.3 % II - 93.5 %
	14-15		82	68	14	I - 91.5 %

*This data is of only First Year Physics (Hons.) students

**M = Male; **F = Female

*** Pass percentage is for all first, second and third year Physics (Hons.) students.

27. Diversity of Students

Kindly refer Table 3 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Although a number of our students do clear these examinations we do not have a complete data set for these examinations.

YEAR→	2008-2011		2009-2012		2010-2013		2011-2014	
	Net/JRF	GATE	Net/JRF	GATE	Net/JRF	GATE	Net/JRF	GATE
B.Sc. (Hons.) Physics	2	4	2	3	0	1	-	-

29. Student progression

Our department doesn't have the whole data about the student progression. However, most of our students go for Post-graduation after Under-graduation. For example, from batch 2008-11, 13 out of 15 students (almost 90%) went for post-graduation. Similarly, in the case of employment record, we can provide the lower limit on the basis of the data acquired by us.

BATCH	Campus Selection	Other than campus recruitment
2009-10	02	02
2010-11	-	02
2011-12	02	03
2012-13	01	02

30. Details of Infrastructural facilities

- Library: The teachers of the Physics Department manage the departmental library for which around a thousand books were apportioned from the main library. Books are issued to students and teachers for a longer duration and this is done by the Department systematically with a card and register system. These library facilities are of crucial help for the students at the time of exams and during the practical classes as reference.
- Internet facility for staff & students: The Physics Department is equipped with two laptops, two desktop computers and has access to Wi-Fi and Internet facilities. In addition, a central ICT computer laboratory with Internet facility is available in the college for the use of students and staff.
- Class rooms with ICT facility: The teaching classrooms including the practical laboratory are equipped with LCD projector ICT facility.
- Laboratories: The Department of Physics conducts several different kind of physics practical laboratory classes: Mechanics, Electricity & Magnetism,

Optics & Laser (including two dark rooms to perform experiments) Thermal Physics, Electronics & Microprocessor. Catering to 40 students of Physics Honours at a time. The Department is equipped with Laser, Ultrasonic grating, Fiber Optics experiment, storage CRO, CRO's, function generators, Michelson Interferometer and an Astronomical Telescope.

31. Number of students receiving financial assistance from college, university, government or other agencies

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- Educational Trips are organized by the Physics Department every year as a part of the Physics Association activities. These trips normally feature visits to national research institutions of excellence. They provide most important exposure to research frontiers and unique enrichment to our physics students that would otherwise not be available within the College. Enrichment Programs have been organized as:

Event		Duration
Excursions and Lab Visits	IISER Mohali	2014-15
	Udaipur Solar Observatory for Solar Astrophysics (run by Physical Research Laboratory, Ahmedabad)	2013-14
	Night-Sky Astronomy Observation from Kausani	2012-13
	Guru-Nanak Dev University (Amritsar) – X-Ray Diffraction	2011-12
	JantarMantar Observatory and Monument, Jaipur	2010-11

Research Expedition Project - Total Solar Eclipse of 22 July 2009: Dr. Pranjali Trivedi of the Physics Department led a group of 12 B.Sc. students of the College to Mohaniya, Bihar, to observe the Total Solar Eclipse & conduct detailed scientific observations of the solar corona, flash spectrum, polarized emission, shadow bands and temperature & light variations. The students were mentored in the design of observations, analysis & presentation of results at different Colleges. This work received extensive national coverage in 'Frontline' magazine 11 September 2009.

Every year, the Physics Department also organizes special lectures by eminent scientists and conducts workshops on cutting-edge research areas for students. These details are given in points 23 & 24 above.

33. Teaching methods adopted to improve student learning

Several teaching methods have been implemented by the Physics Department to improve and enhance student learning:

- Project presentations (including powerpoint) in main physics papers on topics related to the course and beyond with applications.
- Group discussions with students
- Laboratory Practical Viva conducted after each experiment for each student
- Laboratory Practical Written Test covering all experiments in the syllabus
- Laboratory mock practical exams (in annual mode)

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Approximately 10% of our physics students actively participate in the Social Service Society (Parivartan) of the College. Their ISR activities include:

- Teaching children who live in the nearby slum areas
- Conducting extra-curricula activities with these children e.g. dancing
- Cleanliness drive and spreading awareness throughout the College

35. SWOC analysis of the department and Future plans

Strengths:

- The Physics Department has highly qualified faculty members with 10 Ph.D. degrees and 1 M.Tech. degree out of 11 permanent faculty. Our faculty members hold advanced degrees from prestigious institutions abroad (California Institute of Technology, USA; University of Cambridge, UK; University of Nottingham, UK) as well as within India (IIT-Bombay, Utkal University, JNU and University of Delhi).
- Admissions for our B.Sc. Physics Honours course are highly sought-after and we admit very bright and accomplished students meeting our high cut-off marks of above 94% PCM.
- The Physics Department Examination results have been consistently excellent. In the last five batches our Physics students have scored several top ranks at the University and South Campus levels. The overall results have also been very strong with approximately 90% of students scoring Ist Division marks.
- Physics Department Faculty members have been very active in research. A total of 4 major projects have been carried out in the past 5 years with total grant received of Rs. 81 Lakh. Well-equipped research labs exist and our faculty members have supervised six Ph.D. students.
- Our Physics Laboratory is well equipped with latest instruments for experimental physics.
- Classes are held very regularly which results in many of our students being motivated to pursue higher studies and research in physics

Weaknesses:

- There is a considerable limitation of space in our Physics Laboratory for the various experimental set-ups especially considering the range of different experiments in the syllabus. Additional space is likely to provide in the near future.
- Due to great diversity of the educational and linguistic background of our incoming students, it is a challenge to communicate the B.Sc. (Honours) Physics courses in English medium.

Opportunities:

- New papers or electives could be introduced in the Bachelors in Physics syllabus based on the different specializations and expertise of our faculty members.
- Conducting weekly tutorials sessions would also be beneficial for students
- Computer interfacing can be introduced for certain physics experiments

Challenges:

- Because of limitation of lab space, we have to keep shuffling the position of sensitive and rather bulky equipments for use by students of different courses.

Future Plans:

- Introduction of new Discipline Specific Elective papers in the revised undergraduate program along with new laboratory experiments
- Setting up an Astronomical Observatory at the College with a new automated advanced telescope.
- Introduction of new papers as General Elective papers in physics for non-physics majors as a part of the revised undergraduate program.

EVALUATIVE REPORT OF DEPARTMENT OF POLITICAL SCIENCE

1. Name of the department : Political Science

2. Year of Establishment : 1973

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Under Graduate (UG) – B.A. (Hons.) Political Science

4. Names of Interdisciplinary courses and the departments/units involved :

Department of Political Science is involved in the teaching of following course alongwith other departments viz. Hindi, History, Economics :

B.A. (Programme)

5. Annual/ semester/choice based credit system (programme wise) :

UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP

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6. Participation of the department in the courses offered by other departments

Department of Political Science has been participating in the following course :

B.A. (Programme)

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Presently Nil.

8. Details of courses/programmes discontinued (if any) with reasons

Presently Nil.

9. Number of Teaching posts

Kindly refer to Table 7 of SSR

**10. Faculty profile with name, qualification, designation, specialization,
(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
Dr.C.S.S.Reddy	M.A., M.Phil., Ph.D.	Associate Professor	Western Political Philosophy, Comparative Politics	34	Nil
Dr.Lalita jain	M.A., Ph.D.	Associate Professor	Public Policy, Public Administration	26	Nil
Dr. Namita Pandey	M.A., M.Phil., Ph.D.	Associate Professor	Women Studies, International Relations	19	Nil
Dr.Jita Mishra	M.A., M.Phil., Ph.D.	Associate Professor	International Relations, Gandian Studies	19	Nil
Dr.S.P.Thangavelu	M.A., M.Phil., Ph.D.	Associate Professor	Indian Politics,Political Theory	19	Nil
Dr. Arup singh	M.A., M.Phil., Ph.D.	Associate Professor	Indian Political Thought, Indian Politics	18	Nil
Dr.Sudhakara Karakoti	M.A., M.Phil., Ph.D.	Assistant Professor	Governance, Citizenship, Exclusion studies, Human rights, Social movements & Indian Politics	02	Nil

11. List of senior visiting faculty

Presently nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

The required details are tabulated below :

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
B.A. (H) Political Science	Each temporary faculty member is assigned workload as per the university norms

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 07		Total No. of Students				Ratio
S. No.	Class/ Subject	I Yr.	2nd Yr.	3rd Yr.	Total	
1.	B.A. (H) Political Science	75	58	74	207	In Hons. Course- 1:22
2.	Generic Elective	147	--	--	61	Other than Hons Course 1:36
3.	B.A. (Prog)	85	86	---	171	
4.	B.Com. (H)	--	15	--	15	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Not applicable.

15. Qualifications of teaching faculty with DSc./ D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 07

Kindly refer to item no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil.

18. Research Centre /facility recognized by the University
Presently nil.

19. Publications:

The details of publications and books authored by faculty members from 2010-15 are given:

Books

Faculty Name	Books/Chapters Authored	Title
Sudhakara Karakoti	Book Chapter in book	<ul style="list-style-type: none"> • <i>Exclusion and Discrimination: Concepts, Perspectives and Challenges</i>, New Delhi, Kanishka Publishers, 2010. (Co-Edited with Yagati Chinna Rao). • 'Social Exclusion, Discrimination and Deprivation among Scheduled Castes in India' in D.Pulla Rao (ed.), <i>Human Development and Social Exclusion: Essays in Honour of Prof. K. S.Chalam</i>, New Delhi, Serials Publications, 2011.

20. Areas of consultancy and income generated
Presently Nil.

21. Faculty as members in National Bodies: Nil .

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme :

All BA Political Science (H) students completed in-house group projects for the past two semesters during 2013-14 .

- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies :**
No data is available

23. Awards / Recognitions received by faculty and students of last five years :

Faculty Awards: Kindly refer to Criterion III, Section 3.12

Student Awards:

- Ms. Aishwarya Singh, a student of BA(H) Political Science-first year) has been the topper (1st rank) in Delhi University during 2009-10.
- Ms. Pooja Goel, a student of BA(H) Political Science-second year) has been the topper (first rank) in Delhi University South Campus (UDSC) during 2009-10
- Ms.Shaswati Bhunia, a student of BA(H) Political Science-first year has been the topper (First rank)in UDSC.
- Ms.Srishti Jaura, a student of BA (H) Political Science-second year has been the topper (First rank) in UDSC.

24. List of eminent academicians and scientists / visitors to the department :

S.No.	Name	Institution
1	Prof. Valerian Rodrigues	Jawahar Lal Nehru University, New Delhi
2	Prof. Joya Hasan	Jawahar Lal Nehru University, New Delhi
3	Prof. Gurpreet Mahajan	Jawahar Lal Nehru University, New Delhi

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National b) International : Nil.

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected*	Enrolled	
				M	F
B.A. (Honours) Political Science	10-11	Data not Available	51	32	19
	11-12	Data not Available	47	31	16
	12-13	Data not Available	41	26	15
	13-14	Data not Available	87	43	44
	14-15	Data not Available	71	43	28

27. Diversity of Students

Kindly refer Table 3 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Data not available.

29. Student progression

Data not available

30. Details of Infrastructural facilities**a) Library:**

Yes.

b) Internet facilities for Staff & Students:

Yes.

c) Class rooms with ICT Facility:

Yes, in some rooms.

d) Laboratories:

Not applicable.

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students
2010-2011	Year wise information is required
2011-2012	Year wise information is required
2012-2013	3
2013-2014	15
2014-2015	Year wise information is required

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

External expert
Prof. Neera Chandok, D. U.
Prof. Bidyut Chakrabarty, D.U.
Prof. Achin Vinayak

Prof. Subroto Mukherjee, D.U.
Prof. Ashok Acharya, D.U.
Prof. Yagati Chinna Rao, J N U
Dr. Kiran Bedi

33. Teaching methods adopted to improve student learning

1. Traditional Lecture Method using chalk and board
2. Interactive Method by conducting presentations and group discussions
3. Project based learning
4. Use of models, charts and concept maps
5. Educational excursions
6. Generally, the classes are interactive and students are encouraged to participate in the classes.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Many of the students of the department of Political Science taught to unprivileged school kids under a social service programme Each One Teach One.

35. SWOC analysis of the department and Future plans :

Strength : Multi-talented students with diversified backgrounds.

Weakness : Disconnect between current research and teaching.

Opportunity : Directing and streamlining students research (group projects) into student publications.

Challenges : Providing remedial classes in English to the non English medium students and also empower them with the soft skills.

EVALUATIVE REPORT OF DEPARTMENT OF SANSKRIT

1. Name of the Department **SANSKRIT**
2. Year of Establishment **1961**
3. Names of Programs/ Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters, Integrated Ph.D. etc.)

Name of the Course	Subject
B. A. (Hons.)	Sanskrit
B.A. (Program)	1. Sanskrit as one of the Discipline Course & 2. Sanskrit as a Language Course
M.A.	Sanskrit with specialization in various areas like Veda, Poetics, Grammar, Epigraphy, Philosophy, Jyotiṣa, Itihāsa-Purāna, Prākṛit & Jainism and Linguistics

4. Names of Interdisciplinary courses and the departments/ units involved In the last five years

S. No.	Name of the Course	Status of the Course – Optional Subject
1.	Nationalism and Indian Polity	A credit course (IDC- Interdisciplinary Concurrent Course) to all the humanities courses like English, Hindi, Sanskrit, Economics, Political Science, History and Sociology (Hons.) students.
2.	Sanskrit Literature	A credit course (DCC- Discipline Centered Concurrent Course) to all the humanities courses like English, Hindi, Sanskrit, Economics, Political Science, History and Sociology (Hons.) students.
3.	Qualifying Language - Sanskrit	A Qualifying Language Course to all the humanities courses like English, Hindi, Sanskrit, Economics, Political Science, History, Sociology (Hons.) & B.Sc. (H) Mathematics students.
4.	Credit Language – Sanskrit	A Credit Course in Language to all the humanities courses like English, Hindi, Sanskrit, Economics, Political Science, History and Sociology (Hons.) students.
5.	Language, Literature and Creativity I (Sanskrit)	A Foundation Course in FYUP Programme to the students of English, Hindi, Sanskrit, Economics, Political Science, History, Sociology (Hons.) & B.Sc. (H) in Mathematics, Statistics, Botany, Zoology, Biochemistry, Chemistry, Physics & Electronics students.

6.	An Introduction to Sanskrit	An Applied Language Course in FYUP Programme to the students of English, Hindi, Sanskrit, Economics, Political Science, History, Sociology (Hons.) & B.Sc. (H) in Mathematics, Statistics, Botany, Zoology, Biochemistry, Chemistry, Physics & Electronics students.
7.	Allied Course for erstwhile FYUP: Aesthetics & Indian Theatre	To the students of English, Hindi, Sanskrit, Economics, Political Science, History, Sociology (Hons.) & B.Sc. (H) in Mathematics, Statistics, Botany, Zoology, Biochemistry, Chemistry, Physics & Electronics students.
8.	Generic Elective Course: Indian Culture and Social Issues	A Generic Elective Course in CBCS to the students of English, Hindi, Sanskrit, Economics, Political Science, History, Sociology (Hons.) & B.Sc. (H) in Mathematics, Statistics, Botany, Zoology, Biochemistry, Chemistry, Physics & Electronics students.
9.	Ability Enhancement Credit Course (AECC)	To all the 20 departments including Sanskrit.

5. Annual/ Semester/ choice based credit system (Program wise)

UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP

6. Participation of the department in the courses offered by the other departments

Course Title	Offered by the Department of	
Environmental Issues in India	History	Students of Sanskrit choose any two subjects (papers) as optional in IV & VI semester.
Reading Gandhi	Political Science	
Citizenship in Globalizing World		
Hindi Language, Literature and Culture	Hindi	
Individual and Society	English	
Gender and Society	Sociology	
Mathematical Awareness Calculus and Algebra	Mathematics	
Generic Elective Course	All 17 departments of the college	Under CBCS Scheme, 2015
AECC – Hindi, English, Tamil, Telugu & Environment Science	Hindi, English, Tamil, Telugu & Environment Science	Under CBCS Scheme, 2015

7. Courses in collaboration with other universities, industries, foreign institutions etc. No

8. Detail of Courses/ Programs discontinued (if any) with reasons – Nil

9. Number of Teaching posts:

Kindly refer Table 07 of SSR

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt./ Ph.D./ M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 04 years
Dr. Punita Sharma	M.A., M. Phil., Ph.D. (Delhi), Post M.A. Diploma in Linguistics, Jyotiṣācārya (Phalita), Sangitapraveśikā (Hindustani Classical)	Associate Professor	Grammar Linguistics Indian Philosophy (Nyāya & Mimāṃsā) Jyotiṣa	24 years	12 (Twelve)
Dr. Urvi	M.A. Ph.D. (Delhi) Sangitaprabhākara (Bharatnāṭyam)	Associate Professor	Veda	23 years	Nil
Dr. Kanwar Singh	M.A. Ph.D. (Gurukula Kangri)	Assistant Professor	Poetics	05 years	Nil
Dr. Harsha Kumari	M.A. Ph.D. (Delhi)	Assistant Professor (Ad hoc)	Poetics	11 years (discontinued in 2015, due to reservation policy)	Nil
Dr. Vikas Sharma	M.A.	Assistant Professor (Ad hoc)	Grammar	02 years (discontinued in 2015, due to reservation policy)	Nil

11. List of Senior Visiting faculty – Nil

12. Percentage of Lectures delivered and practical classes handled (Program wise) by temporary faculty (2010 to 2013- 2015)

Name of the Course	Permanent	Temporary
B. A. (Hons.)	Approximately - 70%	Approximately -30%
B.A. (Programme) Sanskrit Discipline	Approximately - 45%	Approximately - 55%
B.A. (Programme) Sanskrit Language	Approximately -30%	Approximately - 70%
Sanskrit Course taught to other departments (excluding Sanskrit Students)	50%	50%
Foundation Course in Sanskrit (FYUP)	50%	50%
Applied Language Course in Sanskrit (FYUP)	40%	60%
M.A. Tutorials	50%	50%
Generic Elective- CBCS	0%	100%
AECC - CBCS	0%	100%

13. Student – Teacher Ratio (Program wise)

Total No. of Teachers: 04		Total No. of Students			Ratio	
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		Total
1.	B.A. (H) Sanskrit	52	43	12	107	In Hons. Course- 1:27
2.	IDC Sanskrit	---	30	--	30	
3.	Generic Elective	36	--	--	36	Other than Hons Course 1:40
4.	AECC Skt.	57	---	--	57	
5.	M.A.	21	14	--	35	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled – Nil

15. Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M. Phil./ PG :

- **Dr. Punita Sharma:** M.A. (Sanskrit), M.Phil. (Sanskrit), Ph.D. (Sanskrit); Post M.A. Diploma in Linguistics, Jyotisaçarya, Sangitapravesika (Hindustani Classical)
- **Dr. Urvi:** M.A. (Sanskrit), Ph.D. (Sanskrit); Sangitaprabhakarā (Bharatnatyam)
- **Dr. Kanwar Singh:** M.A. (Sanskrit), Ph.D. (Sanskrit)

16. Number of faculty with ongoing projects from (a) National (b) International funding agencies and grants received - Kindly refer Criteria III, section 3.12

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received (in last four years) – Nil

18. Research Centre/ Facility recognized by the University – Nil

19. Publications: Publications as per faculty member is enclosed herewith.
Publication per faculty
Number of papers published in peer reviewed journals (national/ international) by faculty and students

Faculty's Contribution: 24 (Twenty Four)

DR. PUNITA SHARMA				
Title	Publication Type	Journal ISSN/ ISBN No.	Refereed or Not	Sole/ Co Author
Metaphysics of Consciousness in the Perspective of Nāsadīya Sūktā	Research Paper	Annals of Bhandarkar Oriental Research Institute, Poona, Vol.-79, 1989.	Refereed ISSN – 0378- 1143	Sole
Aghamarṣaṇa -A Resolution of the Conflict between Rta and Freedom	Research Paper	Sanskṛta Vimarsah, Rashtriya Sanskrit Samsthana, New Delhi. 1995-96, pp. 186-193		Sole
An Astrological Approach to the Structure and Dynamics of Psyche	Research Paper	International Association of Sanskrit Studies (special issue), Bangalore, January 1997, pp. 320-21.		Sole
Astro philosophical Model of Man – An Indian Approach	Research Paper	Published in the Abstracts of Indian Philosophical Congress, Platinum Jubilee Session, Indian Council of Philosophical Research, New Delhi, 2000, pp. – 48-49.		Sole
Sanskrit as the Unique Medium for Elucidating Concepts' 'Sanskrit as the Unique	Research Paper	published in Summaries of Papers, World Sanskrit Conference, Sri Lal Bahadur Shastri Rashtriya Sanskrit	ISBN - 01-87987-08-1	Sole

Medium for Elucidating Concepts		Vidyapeetha, New Delhi, 2001, pp. 212-213		
Mathematics and Enlightenment	Research Paper	published in Summaries International Conference in History of Mathematics, Indian National Science Academy, New Delhi, December 2001.	Refereed	Sole
Horasastra me Mahamrtyunjaya ki Prasangikata	Research Paper	Tantras and Their Impact in Life, Vidyavidya Prakashan, Delhi, 2002.	ISBN – 81-86700-41-2.	Sole
Sanskrit: A Universal Context (with special reference to thinking and Destiny)	Research Paper	Yearly Academic Journal of Kalindi College, University of Delhi 2014-15, pp – 51-60	ISSN : 2348-9014	Sole
Bhagvan Sri Ganesh Agrapujya Kyon	Popular Article	Tattva Sudha Magazine, Mumbai, pp. 26-29		Sole
Samskara ki Prshthabhumi – Dharma	Popular Article	Tattva Sudha Magazine, Porebander, Gujrat, pp. 28-30		Sole
Ye dve kalam viddh philosophical Approach	Research Paper	– Kalidasa Academy of Sanskrit, Music and Fine Arts, Delhi.	Under Publication	Sole
Yoga and Modern Sci	Research Paper	Journal Bhogilal Leharchand Institute for Indology, Alipur Road, Delhi.		Sole
DR. URVI				
Pracina Bharatiya Guptacara Vyavastha	Research Paper	CBI Bulletin, Delhi, 1995.		Sole
Veda ke Anusara Duta k Guna aur Visestayen	Research Paper	Rajabhasha Pushpamala, 1996	ISSN – 0970-9401	Sole
Candragupta Maurya ki Shasan Vyavastha	Research Paper	CBI Bulletin, Delhi, 1997.		Sole
DR. KANWAR SINGH				
Sanskrit Mahakavyon Stri-siksa ka Adhikara	Research Paper	the Conference proceedings of Hariprabha Haryana Sanskrit Academy,		Sole

		Haryana, April 2014, p. – 121.		
Vedic Varnavyavastha Vartamana me Prasan	Research Paper	Sanskrit Manjari, Delhi Sanskrit Academy, Delhi, 2013, p. - 104		Sole
DR. HARSHA KUMARI				
Subandhu krta Vasav Am Varnavyavastha	Research Paper	International Journal ‘Shodh Pravaha’, L.S. College, Muzaffarpur, Bihar, 2013.	ISSN – 2249-6742	Sole
Subandhu krta Vasav Me Nari ka Sthana	Research Paper	‘Mandakini’, Venkatesh Prakashana, Varanasi (UP), 2013.	ISSN – 2231-6116	Sole
Subandhu jrta Vasav Me Samajika Vyava	Research Paper	Patliputra Journal of Indology, Patna, Bihar, 2013.	ISSN – 2320-35IX	Sole
Sampurna Khufiya T Kautilya ka Yogada	Research Paper	the Journal of the Department of Information and Broadcast, Bihar, May 2013	R.N.I. No. 3617.	Sole
Atharvaveda Ki Mar	Research Paper	Vaidika Vag-jyoti (an international journal of Gurukula Kangri University), 2013.	ISSN – 2271-4351	Sole
MR. VIKAS SHARMA				
Shiksha aur Naitikat Panini ke Sandarbha	Research Paper	17th India Conference of WAVES 2013		Sole
Sarkara evam Prasad	Research Paper	Vak Sudha, May-July 2015	ISSN 2347- 6605	Sole

Students’ Contribution: Nil

Number of publications listed in International Database (e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host etc.) – 06 (Six)

Publication	ISBN	Database	Subjects	OCLC No.	Responsibility
Concept of Sentence Analysis in Nyāya Philosophy	8170814332 9788170814 337	World Catalogue	Indische Philosop hie SWD- ID: 4374155 1 Nyaya SWD- ID:	247468413 717745729	Punita Sharma

			4171949 9		
			Satzanalyse SWD-ID : 4158597 5	61252557	
Ślokavārtikamē Pratyakṣa Pramāṇa (Theory of Perception in Ślokavarttika)	8186700285 9788186700 280	World Catalogue	Kumarila Bhatta (early works of 1800)	604062960	Punita Sharma
			Perception - Philosophie	46929070	
Lagadha Jyotiṣa (Yājñuṣa & Ārcha samskāraṇa)	8170816505 9788170816 508	World Catalogue	1. Hindu Astrology (early works of 1800 & 2. Hindu Astronomy (early works of 1800)	303744457	Punita Sharma
Yajurvedīya Brāhmaṇo ke pramukha ākhyāno kā samīkṣātāmaka adhyayana		World Catalogue	Satpatha- brahmana- Criticism & Interpretation	35124921	Urvi
			Taittiriya brahmana- Criticism & Interpretation	616846884	
Śadyantra- visphotanam	8186702288 9788186702	World Catalogue	Play	855409568	Urvi

Balabodhartham	284				
Vedamantrasudhā (Isopanisad sahita)	8186702466 9788186702 468	World Catalogue	Mantras in the Vedas	435967654	Krishna Lal & Urvi

Monographs: Nil
Chapter in Books:

<i>Title</i>	<i>Published by</i>	<i>ISSN/ ISBN etc.</i>	<i>Year of Publication</i>	<i>Genre/ Form</i>
DR. PUNITA SHARMA				
Mandakini Part I Text Book of Class 11 th (Science & Commerce Students)	N.C.E.R.T., New Delhi	ISBN- 81-7450-054- 5	2002	Contributed for Text Book of Sanskrit.
Mandakini Part II Text Book of Class 12 th (Science & Commerce Students)	N.C.E.R.T., New Delhi	ISBN- 81-7450-182- 7	2003	Contributed for Text Book of Sanskrit.
Sanskrit Vanmaya Me Vijnana Ka Itihasa Text Book of Class 11 th and 12 th (Science & Commerce Students)	N.C.E.R.T., New Delhi	ISBN- 81-7450-229- 7	2003	Contributed for Text Book of Sanskrit.
Nitisatakam – Acarya Bhartrhari	School of Open Learning, University of Delhi, Delhi.		2007	Text Book of B.A. (Programme), written in the form of lessons for I Year
DR. URVI (Co author)				
Vedic Bhasha Paricaya	J. P. Publishing House, Delhi	ISBN 81-86702-12-1	2003	Structure of Vedic Sanskrit Language
Sanskrit Sahitya Parishilana	J. P. Publishing House, Delhi	ISBN 81-86702-24-5	2004	Sanskrit Literature
Veda-mantra-Sudha (Isopanisad sahita)	Vibhuvaibhavam, Delhi	ISBN 81-86702-46-6	2009	Vedic Mantras

Books Edited - Nil

Books with ISBN/ ISSN numbers with details of publishers: 06 (Six)

20. Areas of consultancy and income generated – Nil

21. Faculty as member in (a) National Committees (b) International Committees (c) Editorial Boards

22. Student Projects:

Percentage of students who have done in-house projects including inter departmental/ programme –All the students (FYUP), who opt for Foundation and Applied Course in Sanskrit do in-house projects including Inter departmental.

Percentage of students placed for projects in organizations outside the institution i.e. in Research Laboratories/ Industry/ other agencies:

Dhruv Kandpal, student of B.A. (H) Sanskrit from 2010- 2013 and presently in M.A. Previous Sanskrit worked for the following movies as an actor/ crew member/ producer etc. All the links are available on the You Tube.

- ✚ Lord Shiva (A Short Film By Abhijit)
- ✚ Daayen ya Baanyen (A Feture Film By Bela Negi)
- ✚ Uttarakhand's Folk Dance (A Documentry By Zahoor Aalam) - www.youtube.com/watch?v=WDz6YicUo7k
- ✚ A Devil's Conspiracy (A Short Film) - www.youtube.com/watch?v=rUOdiu9fqPY
- ✚ Koshi Ka Ghatwar (Doordarshan)
- ✚ Neem Karauli (Baba Entertainment By Harshwardhan Verma)
- ✚ Sadhe Saat Fere (A Short Film By Anil Saanvadi)
- ✚ Secretary and Vice President of **Yugamanch Rangabhumi Baba Entertainment and Kutumb** and acted in many stage plays.
- ✚ Registered Poet for **All India Radio** and **Doordarshan**.
- ✚ An active member of **Street plays of University of Delhi**.

23. Awards/ Recognition received by faculty and students:

Faculty Awards: Kindly refer to Criterion III, Table 3.12

Student Awards:

2013-14		
B. Balanaga Vaishnavi of B.A. (H) Sanskrit III Yr.		
<ul style="list-style-type: none"> • Awarded Diploma in German Language, Sri Venkateswara College, New Delhi 1st Prize in Inter College Sanskrit Slokavrtti Competition, organized by Sri venkateswara College, New Delhi. • 1st Prize in Inter College Sanskrit Sloka Gayan Competition, organized by ARSD College, New Delhi. 'Certificate of Appreciation' & 'Certificate of Recognition' for 		

Good Academic record by Shri V. Raghavendran, CEO, Rainbow (Re –manufacture Printer Cartridge)		
1. Protsahana Puraskara for Sanskrit Quaal Competition, organized by Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi		
Krishna Bagoria of B.A. (Hons.) Sanskrit III Yr.		
<ul style="list-style-type: none"> Certificate awarded by Department of Physical Education for Swimming for Inter College Tournaments organized by University of Delhi 		
Akash Deep	B.A. (H) Sanskrit III Yr.	Awarded Certificate in German Language, Sri Venkateswara College, New Delhi
Sandeep Kumar	B.A. (H) Sanskrit II Yr.	2 nd Prize in Inter College Sanskrit Quiz Competition, organized by Kirori Mal College, Delhi.
		3 rd Prize in Inter College Sanskrit Quiz Competition, organized by Hans Raj College, Delhi.
Ashish Tyagi	B.A. (H) Sanskrit II Yr	6 th rank in Delhi State Yoga Championship.
		1 st rank in Yoga Championship in Prantiya Khel Sangam, Monad University.

1.

2.

2009- 2010

- Keshav Shaky B.A. (H) Sanskrit I Yr. 3rd position in International Handball Championship in Nepal
- Priyanka Dalal M.A. (P) Sanskrit Merit Certificate for participation in various Sanskrit Competition from Dev Vani Parishad, Delhi; 2nd Prize in Inter College Sanskrit
- Recitation Competition organized by SVC ; 2nd Prize in Inter College Vedamantroccarana Competition organized by SVC and 1st Prize in Inter College Vedamantroccarana Competition organized by Indraprastha College for Women, Delhi.

2010- 2011

- Sandeep Kumar (B.A. (H) Sanskrit I Yr.) -First Prize in Inter University Sanskrit Slokavrtti Competition organized by Sri Guru Virajananda Mahavidyalaya, Jalandhar, Punjab and Gold Medal for Uttarakhand State shooting championship 2010- 10m.air rifle nr sub jr. men Ind.368/400
- Ashish Tyagi B.A. (H) Sanskrit.First rank in 34th National Yoga Championship, Haryana. ; First rank in U.P. State Yoga Championship, Varanasi and 6th rank in 10th North Zone Yoga Championship, Himachal Pradesh.

2011- 2012

- Akash Deep B.A. (H) Sanskrit I Yr. Pratibha Puraskara, Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi.; First Prize in Inter College Sanskrit Patravacana Competition, organized by ARSD College, New Delhi.
- Dayanand Chaurasia B.A. (H) Sanskrit I Yr Pratibha Puraskara, Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi.
- Kundana Mishra B.A. (H) Sanskrit I Yr Pratibha Puraskara, Delhi Sanskrit Academy,
Govt. of N.C.T. Delhi, New Delhi.
- Hemchandra Upreti B.A. (H) Sanskrit I Yr. Pratibha Puraskara, Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi.
- Krishna Bagoria B.A. (H) Sanskrit I Yr. 3rd Prize in 1500 marathon.
- Keshav Shakya B.A. (H) Sanskrit I Yr.Certificate in Delhi University Handball Championship in Nepal 2012.

2012- 2013

- Akash Deep B.A. (H) Sanskrit II Yr First Prize in Inter College Sanskrit Laghu Nataka Competition, organized by Rajdhani College, New Delhi ; 4th Prize in Inter College Sanskrit Quiz Competition, organized by Shivaji College, New Delhi and Consolation Prize in Inter College Sanskrit Patravacana Competition, organized by Shivaji College, New Delhi
- B. Balanaga Vaishnavi B.A. (H) Sanskrit II Yr Pratibha Puraskara, Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi ; 2nd Prize in Inter College Sanskrit Slokavrtti Competition, organized by Sri Venkateswara College, New Delhi; 4th Prize in Inter College Sanskrit Sloka Sangita Competition, organized by Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi and Consolation Prize in Inter College Sanskrit Competition, organized by Rajdhani College, Delhi

; Protsahana Puraskara for Sanskrit Quaaali Competition, organized by Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi and Pratibha Puraskara Akhila Bharatiya Vidyarthi Parishad for Outstanding performance in academics or Sports to the women candidates on the occasion of International's Women Day..

- Krishna Bagoria B.A. (H) Sanskrit II Yr. Pratibha Puraskara, Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi ; Protsahana Puraskara for Sanskrit Quaaali Competition, organized by Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi. ; 2nd Prize for Sanskrit Quiz Competition, organized by Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi.
- L. Nagasushmanjani B.A. (H) Sanskrit I Yr. Pratibha Puraskara Akhila Bharatiya Vidyarthi Parishad for Outstanding performance in academics or Sports to the women candidates on the occasion of International's Women Day..
- Sandeep Kumar B.A. (H) Sanskrit I Yr. Protsahana Puraskara for Sanskrit Quaaali Competition, organized by Delhi Sanskrit Academy, Govt. of N.C.T. Delhi, New Delhi.
- Ashish Tyagi B.A. (H) Sanskrit I Yr. 2nd rank in Delhi State Yoga Championship, 2nd rank in 30th U.P. State Yoga Championship, 5th rank in 11th North Zone Yoga Championship, Bhivani. 1st rank in U.P. State Yoga Championship, NOIDA

RECOGNITION IN SEMINARS, LECTURES and CONFERENCES

- ✚ **Ms. B. Balanaga Vaishnavi**, student of B.A. (H) Sanskrit II Year participated in First Conference on **Relevance of Ancient Indian Wisdom in Modern Society**, organized by Sri Venkateswara College and Tirumala Tirupati Devasthanams, 20th -21st March 2013 and presented a paper on '**Significance of the Cultural Traditions of South India**'.
- ✚ **Mr. Santosh Tiwari**, student of B.A. (H) Sanskrit II Year participated in First Conference on **Relevance of Ancient Indian Wisdom in Modern Society**, organized by Sri Venkateswara College and Tirumala Tirupati Devasthanams, 20th -21st March 2013 and presented a paper on '**Utility of Values in Day Today Life**'.
- ✚ **Ms. B. Balanaga Vaishnavi**, student of B.A. (H) Sanskrit II Year participated in various functions of **Ayappa Temple**, organized by **Ayappa Temple Society** and awarded Commendation in anchoring, and Music recitals.

24. List of eminent academicians and scientists/ visitors to the department:

On the occasion of **First Conference on Relevance of Ancient Indian Wisdom in Modern Society**, 20th - 21st March 2013, the following eminent academicians/ scholars/ visitors graced the occasion:

- ✚ **Revered Swami Shantatmanandji Maharaj, Secretary, Rama Krishna Mission, New Delhi,** delivered an Inaugural lecture.
- ✚ **Padmashri Dr. A. Sankara Reddy, Former Principal & Vice Chancellor, Rai Foundation, Gujrat,** delivered his presidential address.
- ✚ **Prof. Baldev Raj Sharma, Retired Professor of Sanskrit, University of Delhi,** chaired the academic session.
- ✚ **Dr. Rama Jayasundar, Associate Professor, All India Institute of Medical Sciences, New Delhi,** as an invited speaker, delivered a lecture on ‘Ayurveda through NMR Techniques’.
- ✚ **Prof. Bhudeva Sharma, Retired Professor of Mathematics, Clark Atlanta University, USA,** as an invited speaker, delivered a lecture on ‘Vedic Mathematics’.
- ✚ **Dr. Srinivas Chamarthi, Associate Professor, Institute of Instrumentation Engineering, Kurukshetra University, Haryana,** as an invited speaker, delivered a lecture on ‘Vaisnavism in Manipur’.
- ✚ **Dr. Sankaran, Retired Professor of Zoology, University of Delhi,** chaired the academic session.
- ✚ **Prof. Satya Pal Narang, Retired Professor of Sanskrit, University of Delhi,** chaired the academic session.
- ✚ **Dr. P.M.V. Subbarao, Associate Professor, Indian Institute of Technology, New Delhi,** as an invited speaker, delivered a lecture on ‘The Holy Cow’.
- ✚ **Dr. Vijaya Raghvan Chariar, Associate Professor, Centre for Rural Development, Indian Institute of Technology, New Delhi,** as an invited speaker for an interactive session on the theme.

On the occasion of **Third Conference on Synthesis of Science and Spirituality, 05th -06th November 2011,** the following eminent academicians/ scholars/ visitors graced the occasion:

- ✚ **Prof Lakshmi Dhar Behera, Indian Institute of Technology, Kanpur,** as an Invited Speaker, delivered a lecture on ‘**Real and Artificial Intelligence**’.
- ✚ **Dr. Girish Nath Jha, Associate Professor, Centre for Sanskrit Studies, JNU,** as an Invited Speaker, delivered a lecture on ‘**Science in Vedas**’.
- ✚ **Prof R.R. Gaur, Indian Institute of Technology, NRCVEE Delhi,** as an Invited Speaker, delivered a lecture on ‘**Integrating Science, Technology and Human Values**’.
- ✚ **Prof A. K. Mukhopadhyaya, All India Institute of Medical Sciences, New Delhi,** as an Invited Speaker, delivered a lecture on ‘**Landscape of Human Possibilities: Tendencies of Homo-sapiens to become Homo-Spiritualists**.’
- ✚ **Prof Sunita Singh Sengupta, Faculty of Management Studies, University of Delhi,** as an Invited Speaker, delivered a lecture on ‘**Neuropsychological Basis of Tri-gunās**’.

**25. Seminars/ Conferences/ Workshops organized & the source of funding:
National**

Conference	Organized by	Duration	Venue	Source of Funding
3 rd Conference on Synthesis of Science & Spirituality	ISKON Delhi & Sri Venkateswara College, New Delhi	05 – 06 th November 2011	Sri Venkateswara College	ISKON, Delhi
1 st Conference on Relevance of Ancient Indian Wisdom in Modern Society	Sri Venkateswara College & Tirumala Tirupati Devasthanams, Tirupati, A.P.	20 – 21 st March 2013	Sri Venkateswara College	Tirumala Tirupati Devasthanams, Tirupati, A.P.

International – Nil

26. Student profile programme/ course wise: Refer table 03 & 04

27. Diversity of Students:

Kindly refer Table 3 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense Services etc?

Name of the Student	Exam Passed	Year
Priyanka Dalal (2005-10)	STET	2009
Priyanka Dalal (2005-10)	STET	2013
Surjeet Kumar (2006-08)	CTET	2011
Suchitra Bharati (2006-08)	NET - JRF	2011
Pradeep Kumar (2003- 2010)	CTET	2011
Manish Kaushik (2005- 2010)	NET	2010
Satveer Singh (2005-2010)	NET	2010
Satveer Singh (2005-2010)	CTET	2013
Vikas Sharma (2006- 2011)	NET	June 2011
Vikas Sharma (2006- 2011)	NET	November 2011
Vikas Sharma (2006- 2011)	NET - JRF	June 2012
Vikas Sharma (2006- 2011)	STET	July 2013
Vikas Sharma (2006- 2011)	HTET Level 3 (PGT)	2013
Kuldeep Singh (2009-2011)	CTET	2013 & 2014

29. Student progression

Student progression	Against % enrolled
UG to PG	No data is available.
PG to M.Phil.	
PG to Ph.D.	
Ph. D. to Post-Doctoral	
Employed (Campus selection Other than campus recruitment)	
Entrepreneurship/ Self employment	

30. Detail of Infrastructure facilities:

Library – Common library space for college students, no special provision for the department.

Internet facility for Staff and Students - Common ICT Lab for the whole college, no special provision for the department.

Class rooms with ICT Facility – Nil

Laboratories - Nil

31. Number of students receiving financial assistance from college, university, government or other agencies:

2010-11

Rotary Club Scholarship awarded to

Vikas Sharma	M.A. Previous Sanskrit
Manish Kaushik	M.A. Final Sanskrit
Prabhakar	M.A. Final Sanskrit

Scholarship for SC/ ST Students awarded to:

Kuldeep Singh Bhawan	M.A. Final Sanskrit	Funding Agency:	ITO, Vikas
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2011-12

Rashtriya Sanskrit Samsthana Scholarship (Deemed University) under Ministry of Human Resource Development, Govt. of India awarded to:

Jeevan Joshi	B.A. (H) Sanskrit II Yr.
B. Balanaga Vaishnavi	B.A. (H) Sanskrit I Yr.
Krishna Bagoria	B.A. (H) Sanskrit I Yr.
Kundan Mishra	B.A. (H) Sanskrit I Yr.
Akash Deep	B.A. (H) Sanskrit I Yr.

Dayanand Chaurasia	B.A. (H) Sanskrit I Yr.
Hemchandra Upreti	B.A. (H) Sanskrit I Yr.
Rashmi Bindal	B.A. (H) Sanskrit I Yr.
Jatin Batra	B.A. (H) Sanskrit I Yr.
Santosh Kumar Tiwari	B.A. (H) Sanskrit I Yr.
Shraddhanand Pandey	B.A. (H) Sanskrit I Yr.

Vice Chancellor's Students' Fund awarded to:

Jeevan Joshi	B.A. (H) Sanskrit II Yr.	Funding Agency: University of Delhi
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2012-13

Rashtriya Sanskrit Samsthana Scholarship (Deemed University) under Ministry of Human Resource Development, Govt. of India awarded to:

L. Nagasushamanjani	B.A. (H) Sanskrit I Yr.
B. Balanaga Vaishnavi	B.A. (H) Sanskrit II Yr.
Krishna Bagoria	B.A. (H) Sanskrit II Yr.
Kundan Mishra	B.A. (H) Sanskrit II Yr.
Akash Deep	B.A. (H) Sanskrit II Yr.
Dayanand Chaurasia	B.A. (H) Sanskrit II Yr.
Hemchandra Upreti	B.A. (H) Sanskrit II Yr.
Rashmi Bindal	B.A. (H) Sanskrit II Yr.
Jatin Batra	B.A. (H) Sanskrit II Yr.
Santosh Kumar Tiwari	B.A. (H) Sanskrit II Yr.
Shraddhanand Pandey	B.A. (H) Sanskrit II Yr.

2013- 14

Rashtriya Sanskrit Samsthana Scholarship (Deemed University) under Ministry of Human Resource Development, Govt. of India awarded to:

L. Nagasushamanjani	B.A. (H) Sanskrit II Yr.
B. Balanaga Vaishnavi	B.A. (H) Sanskrit III Yr.
Krishna Bagoria	B.A. (H) Sanskrit II Yr.
Kundan Mishra	B.A. (H) Sanskrit II Yr.
Akash Deep	B.A. (H) Sanskrit II Yr.
Dayanand Chaurasia	B.A. (H) Sanskrit II Yr.
Hemchandra Upreti	B.A. (H) Sanskrit II Yr.
Rashmi Bindal	B.A. (H) Sanskrit II Yr.
Jatin Batra	B.A. (H) Sanskrit II Yr.
Santosh Kumar Tiwari	B.A. (H) Sanskrit II Yr.
Shraddhanand Pandey	B.A. (H) Sanskrit II Yr.

Gurudatta Chatra Kalyana Samiti Scholarship awarded to:

Shailesh Prakash

M.A. Previous Sanskrit

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

Enrichment Programme	Level	Date
Shlokavrtti Competition Shloka-antakhshari Competition Vedamantroccarana Competition 4. Prasnamancha (Quiz Competition)	Intra College	20 th November 2009
Prof. Ravindra Nagar Prof. of Sanskrit Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeetha, New Delhi	Delivered a Lecture on Samskaras and its relevance in Modern Society	December 2009
Shlokavrtti Competition Shloka-antakhshari Competition 3. Vedamantroccarana Competition 4. Prasnamancha (Quiz Competition)	Inter College	January 2010
Shlokavrtti Competition 2. Shloka-antakhshari Competition 3. Vedamantroccarana Competition 4. Patravacana (Paper reading Competition)	Intra College	November 2010
1. Shlokavrtti Competition 2. Shloka-antakhshari Competition 3. Vedamantroccarana Competition 4. Patravacana (Paper reading Competition)	Inter College	16 th December 2010
Shlokavrtti Competition Patravacana (Paper Reading Competition) Vedamantroccarana Competition	Intra College	03 rd November 2011
Shlokavrtti Competition Patravacana (Paper Reading Competition) Vedamantroccarana Competition	Inter College	15 th February 2012
Shlokavrtti Competition Patravacana (Paper Reading Competition) Vedamantroccarana Competition	Intra College	14 th February 2013
Shlokavrtti Competition Patravacana (Paper Reading Competition) Vedamantroccarana Competition	Inter College	28 th February 2013
Shlokavrtti Competition Patravacana (Paper Reading Competition) Vedamantroccarana Competition	Intra College	

Shlokavrtti Competition Patravacana (Paper Reading Competition) Vedamantroccarana Competition	Inter College	19 th February 2014
Shri Arvind Dixit India's leading numerologist Research Member AFA U.S.A. Consultant Member AIN U.K.	Delivered a Lecture on Numbers and their effect on Personality Development	07 th March 2014

33. Teaching methods adopted to improve student learning- special tutorial classes arranged.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Optional for the students

35. SWOC Analysis:

Strengths:

- ✚ Sanskrit is the richest heritage of Indian Wisdom. It highlights basic human values and prepares ground for social peace and harmony by creating a sense of self discipline, social service and tolerance.
- ✚ Well qualified, dedicated and diversified faculty with specialization in different areas.
- ✚ Type of Teacher-Student involvement in academic activities.

Weaknesses:

- ✚ Admission policy, especially for Sanskrit student should be more liberal. As Sanskrit is the optional subject/ language in C.B.S.E. and in general, public schools in Delhi do not offer Sanskrit in class XII, besides that, Sanskrit is taught as an optional subject in class X. In that case, if student want to opt Sanskrit as a main subject at the college level, then rigid policy (those who have studied Sanskrit up to X or XII standard are eligible only) of the College reduce the student strength.
- ✚ Due to the rigid admission policy of the college, the students who have studied Sanskrit in a traditional method are comparatively large in number in B.A. (Hons.) Sanskrit I Year. Lack of English communication skill is the major setback to the student's growth. In general, aptitude of these traditional students for modern higher learning is poor, pass percentage of I Yr. also indicates this drawback.
- ✚ Absenteeism in first year is also a weakness.
- ✚ Mechanism of feedback from Alumni is not very regular.
- ✚ Due to the lack of infrastructure, faculty find it difficult to present papers and publish articles along with teaching and extracurricular.

Opportunities:

- ✚ In the new scheme of FYUP, the students of multi disciplines make the subject more interesting. Sanskrit knowledge can be explored in an interesting way with broader prospects.
- ✚ Teaching the Foundation Course in Sanskrit, ancient Indian sciences and their relevance is becoming more acceptable and interesting to the young generation.

Challenges:

- ✚ The class of Sanskrit is the same for modern and traditional stream of student as well as Hindi, Sanskrit and English medium students. Many times lack of motivational condition and different background are the major challenge faced by the teachers.
- ✚ Since most of our classes are a heterogeneous group therefore another challenge is that one particular teaching methodology cannot be adopted.

Future Plans:

- ✚ The department has to be expanded with respect to academic staff and infrastructure.
- ✚ Cultural exchange programmes to be organized to get students more interested in subject like art, aesthetics, Indian mathematics and astronomy.
- ✚ More interactive programmes to be organized by Sanskrit Parishad (Sanskrit Association), so the students can improve their literary talents and oratorical skills.
- ✚ The mission is “To Collect, To Communicate, To Conserve and To Convert knowledge into Action”, assessing the need of the hour.



EVALUATIVE REPORT OF DEPARTMENT OF SOCIOLOGY

- 1. Name of the department :** Sociology
- 2. Year of Establishment:** 1974 (as an elective course) and 1987 (as an Honours course).
- 3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**

The Sociology Department offers a three-year, six-semester Undergraduate Course as following:

1. B. A. (Honours) Sociology
2. B. A. (Programme) with Sociology as an elective subject

- 4. Names of Interdisciplinary courses and the departments/units involved**
Department of Sociology participates in the teaching of following courses to students of the disciplines of English, History, Political Science, Economics, Mathematics and Hindi:

Foundation course : “Human Rights, Gender and Environment”

Concurrent course: “Gender and Society”

Allied Courses: “Introducing sociology” and “Sociology of contemporary India”.

- 5. Annual/ semester/choice based credit system (programme wise)**
UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
- 6. Participation of the department in the courses offered by other departments**
NA
- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.**
Presently nil.
- 8. Details of courses/programmes discontinued (if any) with reasons**
Presently nil.
- 9. Number of Teaching posts :**
Kindly refer Table 7 of SSR
- 10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**

The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
<u>Dr. Geeta Jayaram Sodhi</u>	M.Phil., Ph.D	Associate Professor	Industrial Sociology, Urban Sociology	32	Nil
Mr. Subhas Mohapatra	M.A., M.Phil.	Associate Professor	Social Stratification, Sociology of Kinship, Sociology of India	27	Nil
<u>Dr. Abhijit Kundu</u>	M.Phil., Ph.D	Associate Professor	Sociological Theory, Political Sociology, Gender Studies	24	Nil
Dr. Nabanipa Bhattacharjee	M.Phil., Ph.D	Associate Professor	Political Sociology, North-east india Studies, Media Studies	17	Nil
Dr. Padma Priyadarshini	M.Phil., Ph.D	Assistant Professor	Economic Sociology, Environmental Sociology	13	Nil
Mr. Mrityunjay Kumar Yadavendu*	M.A., M.Phil.	Assistant Professor (ad hoc)	Political Sociology	02	Nil

*Presently working Adhoc.

11. List of senior visiting faculty

Presently nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Programme	Percentage of classes (theory and practicals/tutorials) handled by temporary/ad-hoc faculty
B.A. (H) Sociology	Each temporary faculty member is assigned full workload as per the university norms

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 06		Total No. of Students			Ratio	
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		Total
1.	B.A. (H) Sanskrit	64	46	31	141	In Hons. Course- 1:24
3.	Generic Elective	24	--	--	24	Other than Hons Course 1:16
5.	B.A. Program	60	08	--	68	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

NA

15. Qualifications of teaching faculty with DSc./D.Litt/ Ph.D/ M.Phil / PG.

No. of faculty members with Ph.D. = 04

No. of faculty members with M.Phil = 02

(Please refer to point no. 10 for details).

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

NA

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

NA

18. Research Centre /facility recognized by the University: Presently nil.

19. Publications:

The details of publications and books authored by faculty members from 2010-15 are given:

Name	Books/Chapters Authored	Title	ISBN/ISSN number
<u>Dr.Geeta Jayaram Sodhi</u>	1.Book review	2012- 'Engendering Performance: Indian Women Performers in Search of an Identity' by Dutt, Bishnupriya and Urmimala Sarkar Muni in <u>Sociological Bulletin</u> , Vol. 61, No.2,May-August 2012	ISSN 0038-0229
	2.Book review	2014 - 'Industry, Labour and Society' by Sharit Bhowmik in <u>Sociological Bulletin</u> , Vol. 63, No.2, May-August 2014	ISSN 0038-0229

Mr Subas C Mohapatra	UGC Lectures	2012-2015 Delivered 25 lectures on different topics of sociology that was telecasted in Vyas Channel for higher education. It can be accessed at www.cec.nic	
Dr. Abhijit Kundu	Book	Sociological Theory. Pearson : Delhi. 2010.	ISBN :978-81-317-6004-8
	Book	The Humanities-methodology and perspectives. Pearson: Delhi.2009 (reprinted 2011)	ISBN: 978-81-317-2921-2
	Book	The Social Sciences-methodology and perspectives. Pearson : Delhi. 2009 (reprinted 2011)	ISBN : 978-81-317-2920-5
	Chapter	The Interplay of the Regional with the National- the history of Bangla cinema (Translated into Hindi) in Bharatiya Cinema ka Safarnama. Publications Division, Ministry of Information & Broadcasting, Govt of India. 2013.	ISBN: 978-81-230-1897-3
Dr. Nabanipa Bhattacharjee	<ol style="list-style-type: none"> 1. Book Reviews/Review Essays 2. Academic Journal/Book Essays, Abstracts, Reports 3. Semi-Academic Journals/Souvenir Essays 4. Popular Press, Letters 	<p>1. 'Untitled', (Book: <i>An Intelligent Person's Guide to Good Governance</i> by S. Munshi et al), Decision: Indian Institute of Management Calcutta, 37(3), December, 2010</p> <p>'Counter Narratives of the War', (Books: <i>Women, War and the Making of Bangladesh: Remembering 1971</i> by Yasmin Saikia and <i>Dead Reckoning: Memories of the 1971 Bangladesh War</i> by Sarmila Bose), Biblio: A Review of Books, XVII (3&4), March-April, 2012 (Review Essay)</p> <p>'Postcolonial Politics of India', (Book: <i>Re-framing Democracy and Agency in India</i> edited by Ajay Gudavarthy), The Book Review, XXXVIII (6), June, 2013</p> <p>'Recalling the Unforgotten', (Book: <i>Reconstructing the Bengal Partition: The Psyche under a Different Violence</i> by Jayanti</p>	<p>ISSN No. 0304-0941</p> <p>ISSN No. 0971-8982</p> <p>ISSN No. 0970-4175</p> <p>ISSN No. 0971-8982</p>

		<p>Basu), <i>Biblio: A Review of Books</i>, XVIII (11&12), November-December, 2013</p> <p>‘Practice and Politics of Marriage in South Asia’, (Book: <i>Marrying in South Asia: Shifting Concepts, Changing Practices in a Globalising World</i> edited by Ravinder Kaur and Rajni Palriwala), <i>The Book Review</i>, XXXVIII (5), May, 2014</p> <p>‘Who Needs Artless Period Pieces?’, (Book [three volumes]: <i>ICSSR Research Surveys and Explorations: Indian Sociology</i> edited by Yogendra Singh), <i>The Book Review</i>, XXXIX (4), April, 2015</p> <p>2.</p> <p>‘Report on National Seminar on Social Research on North East India: Issues and Challenges’ organized by North East India Studies Programme (NEISP) Jawaharlal Nehru University, 25-26 February, 2010, <i>Indian Anthropologist: Journal of the Indian Anthropological Association</i>, 40(1), January-June, 2010</p> <p>‘Language of Love and Death: Remembering 19 May, 1961’, <i>Book of Abstracts</i>, 37th All India Sociological Conference, New Delhi, Indian Sociological Society and Oxford University Press, New Delhi, December, 2011</p> <p>“‘We Are With Culture and Without Geography’”: Locating Sylheti Identity in Contemporary India’, <i>South Asian History and Culture (Special Issue: Minority Nationalisms in South Asia)</i>, 3(2), 2012</p> <p>“‘We Are With Culture and Without Geography’”: Locating Sylheti Identity in Contemporary</p>	<p>ISSN No. 0970-4175</p> <p>ISSN No. 0970-4175</p> <p>ISSN No. 0970-0927</p> <p>ISBN No. 0-19-808283-5</p> <p>ISSN Nos. 1947-2498 (print), 1947-2501 (online)</p> <p>ISBN No. 978-81-89643-33-1</p>
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	<p>India', in T. Fazal (ed.) <i>Minority Nationalisms in South Asia</i>, Routledge, London and New Delhi, 2012</p> <p>'Srihatter Ganabhoter Porer Katha/The Post-Sylhet Referendum Story', in Prasoon Burman (comp. and ed.) <i>Desh Bhag, Desh Tyag: Prasanga Uttar-Purbo Bharat</i>, Vicky Publishers, Guwahati, 2013 (in Bangla)</p> <p>'Imagining Sylhet: Achyut Charan Tattwanidhi's Historical Project', <i>Assam University Journal</i>, VIII (I), June, 2013</p> <p>'American Baptists in Assam: The Tale of Oscar Levi Swanson', in Sajal Nag and M. Satish Kumar (eds) <i>Missionary Interventions in British North East India</i>, New Delhi: Manohar Publishers (forthcoming)</p> <p>3.</p> <p>'Language of Love and Death: Fifty Years of Assam's Language Movement', <i>Mainstream</i>, L (9), 18 February, 2012</p> <p>'Misappropriating a Legacy: Swami and his Contemporary Enthusiasts', <i>Mainstream</i>, L (28), 30 June, 2012 (co-authored)</p> <p>'Assam's Language Warriors', <i>Seminar</i> (Theme: Assam: Unstable Peace), December, New Delhi, 2012</p> <p>'Srihatter Ganabhoter Porer Katha/The Post-Sylhet Referendum Story', <i>Ninth Column</i> (Theme: Desh Bhag, Desh Tyag: Prasanga Uttar-Purbo Bharat), Guwahati, 12 (10), December, 2012 (in Bangla)</p> <p>'Negotiating Marginality: The Bangla Speakers of Assam', <i>Mainstream</i>, LI (34), 10 August,</p>	<p>ISBN No. 978-93-82250-75-3</p> <p>ISSN No. 0973-4821</p> <p>ISBN No. currently unavailable</p> <p>ISSN No. 0542-1462</p> <p>ISSN No. 0542-1462</p> <p>ISSN No. 0971-6742</p> <p>ISSN No. 2229-6778</p> <p>ISSN No. 0542-1462</p>
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		2013	
		‘Climate, Culture, Cosmopolitanism: The Bangiya Sahitya Parishad, Shillong’, <i>Mainstream</i> , LII (8), 15 February, 2014	ISSN No. 0542-1462
		‘Shillong: A Tale of Blue Love’, <i>Mainstream</i> (forthcoming)	ISSN No. 0542-1462
		4.	
		‘Resisting Culinary Fascism’, (Letter) <i>Economic and Political Weekly</i> , XLVII (19), 12 May, 2012	ISSN Nos. 0012-9976 (print), 2349-8846 (online)
		‘The Deathly Shadow of Racism’, <i>Hard News</i> , New Delhi, June, 2012	ISSN No. 0975-4938
		‘Assam Riots: Brahmaputra’s Sorrow’, <i>Hard News</i> , New Delhi, September, 2012	ISSN No. 0975-4938
		‘Kiske Thhey Sahajanand Saraswati’, <i>Samayik Varta</i> , Hoshangabad, Madhya Pradesh, 36 (1-2), September, 2012 (co-authored), (translated to Hindi by Sushil Joshi)	RNI No. 31211/77
		‘Congress Culpability on Assam’ (Letter), <i>Economic and Political Weekly</i> , XLVIII (6), 9 February, 2013	ISSN Nos. 0012-9976 (print), 2349-8846 (online)
		‘Muslim Politics and the Partition of Assam’, <i>The Daily Star</i> , Dhaka, 20 March, 2013	Registration No. DA 781
		‘The Book Sea Affair’ (Short Story), <i>Children’s World</i> (Children’s Book Trust, New Delhi), XLVII (1), Annual Number (Story Special), April, 2014	RNI No. 16259/68
		‘The Poignancy of Engagement’, <i>Hard News</i> , New Delhi, April,	ISSN No.

		2015	0975-4938]
Dr. Mrityunjay Kumar Yadavendu	1.Book	2012- Debating Capital Punishment in Strangled Democracy of India: Political Economy of Crime and Punishment, LAP Lambert Academic Publishing, Germany	ISBN NO.:- 978-3-659-22645-8
	2.Book	2012- Specter of Caste Violence: Sociology of Mirchpur Carnage, Aarohi Publications, New Delhi	ISBN NO.:- 978-9L3-81883-14-3
	3.Chapter in Edited Book	2010- Caste, Class and Gender in Agrarian Society: Analyzing the Case of Bihar in S. Gurusamy(ed.), <i>Social Exclusion and Inclusion</i> , APH Publishing, New Delhi	ISBN NO: 978-81-313-1000
	4.Chapter In Edited Book	2013- Specter of Casteism Haunting Lakshmipeta, Srikakulam: Sociological Explanations in Parmod Kumar (ed.), <i>Literature and Marginality: Comparative Perspectives in African, American, Australian and Indian Dalit Literature</i> , KALPAZ Publication, Delhi	ISBN NO.: 978-93-5128-023-1

20. Areas of consultancy and income generated: Presently Nil.

21. Faculty as Members in a) National Committees b) International Committess c) Editorial Boards.

Dr.Geeta Jayaram Sodhi	2010	Convener of Course 'Industrial Sociology', Extended Committee of Courses for Course Revision for the Semester System, University of Delhi
	2012	Convener of Paper 'Industrial Sociology', Extended Committee of Courses for Course Revision for the FYUP System, University of

		Delhi
Mr.Subhas Mohapatra	2010	Convener of Syllabus Revision Committee of University of Delhi of social stratification, agrarian sociology and sociology of gender.
	2012	Convener of course on social stratification for the course revision of semester system in University of Delhi
	2015	Member of Committee of Courses and Studies in Sociology BA Programme 2014-2016
Dr. Abhijit Kundu	2015	-External Examiner, JRF-SRF Up gradation Committee, Department of Sociology, Jamia Milia Islamia University, Delhi.
	2010-2015	- Convener of Courses: a) Sociological Thinkers b) Sociological Thinkers II c) Political Sociology for Undergraduate Courses Committee, DSE.
	2010	- Member of the EU funded CISCA programme with History Department, Aarhus University, Denmark, as a guest faculty.
	2010	-Resource Person for Two-Day Orientation programme on Social Science Research Methods, Kerala Higher Education Council, Thiruvananthapuram.
Dr. Nabanipa Bhattacharjee	2012	<ul style="list-style-type: none"> o External Member, JRF-SRF Up- gradation Committee, Centre for the Study of Comparative Religions and Civilizations, JMI, New Delhi. o Examiner, Panel of External Examiners for Master of Philosophy Programmes, Centre for the study of Comparative Religions and Civilizations and Centre for Jawaharlal Nehru Studies, JMI, New Delhi. and Centre for the Study of Social Systems, JNU, New Delhi.
		Member, Executive Committee, Jamia Teachers' Solidarity Association (JTSA)
Dr. Padma Priyadarshini	2013	<p>Convenor for the paper "Environmental Sociology" ,Extended Committee of Courses for Course Revision for the FYUP System, University of Delhi</p> <p>Member of the committee for the paper "Methods of Sociological Enquiry" Extended Committee of Courses for Course Revision for the FYUP System, University of Delhi</p>
Dr. Mrityunjay Kumar	2015	<ul style="list-style-type: none"> • Member of the Syllabus Drafting Committee for the following papers under

Yadavendu		<p>the initiative of Department of Sociology, Delhi School of Economics, University of Delhi, Delhi:</p> <p>1. “Rural Sociology”</p> <p>2. “ Sociology of War and Violence”</p> <ul style="list-style-type: none"> Member of “Translation Committee”(Translation of Sociological Literature from English to Hindi), Department of Sociology, Delhi School of Economics, University of Delhi, Delhi.
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22. Student projects

a. Percentage of students who have done in-house projects including inter departmental/programme

S.No.	Course	Year	Research project at the Sulabh International organization, for paper on “Environmental Sociology”.	No. of Students	No. of Students (%)
1.	B.A. (H) Sem. VI	2013			

a) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies : NA

23. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Criterion III, Section 3.12

Student Awards:

S.No.	Medal	Year	No. of students receiving the medal
1	Neelabhatla Venkatasubbiah Memorial Prize	2009-10	1
2	-do-	2010-11	1
3	-do-	2011-12	1
4	-do-	2012-13	1
5	-do-	2013-14	1

24. List of eminent academicians and scientists / visitors to the department

S.No.	Name	Institution	Date
1	Padma Bhushan Prof. T.K.Oommen	CSSS, JNU	2010

2	Prof. NandiniSundar	Dept. of Sociology Delhi University	2010
3	Dr. Jayadev Sarangi	Prison Expert & Special Secretary, Health, GOI	2010
4	Prof. Ravinder Kaur	Dept. of Social Sciences, IIT, Delhi	2010
5	Prof. Avijit Pathak	Centre for Study of Social Systems, JNU	November, 2012
6	Mr. Amit Dasgupta	Executive Editor, Hardnews	February, 2012
7	Prof. Rabindra Ray	Deptt. of Sociology, Delhi University	October, 2013
8	Prof. Satish Deshpande	Deptt. of Sociology, Delhi University	August, 2014
9	Prof. A.K. Ramakrishnan	School of International Studies, JNU	March, 2015
10	Prof. SalilMisra	Dean of Social Sciences, Ambedkar University	March, 2015

25. Seminars/ Conferences/Workshops organized & the source of funding a)

National b) International

Workshops - NA

Conferences- NA

Memorial Lectures delivered by subject experts-NA

26. Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected*	Enrolled		Pass percentage***
				**M	**F	
B.A.(H) Sociology	2009-10	By the central admission committee		27	44	88.2%
	2010-11			30	53	87.01%
	2011-12			39	68	95.6%
	2012-13			43	64	90.24%
	2013-14			42	60	91.3%

*This data is of only First Year Sociology (Hons.) students

**M = Male; **F = Female

*** Pass percentage is for all first, second and third year Sociology (Hons.) students.

27. Diversity of Students

Kindly refer Table 3 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

No information available.

29. Student progression

Around 70% of our students enroll for a PG degree. Most of them qualify for JNU, DU, TISS Mumbai, Delhi School of Social Work, JamiaMilliaIslamia and Ambedkar University entrance examinations. Some students also enroll at other central universities like Hyderabad University, Assam University etc.

30. Details of Infrastructural facilities

a) Library

- **Departmental Library:** The Department of Sociology maintains its own departmental library with a separate catalogue for its easy and effective functioning. The departmental library has over 200 books and articles by reputed Indian and foreign authors and publishers. Students have access to these throughout the academic session and during examination period. It is regularly updated with the latest writings. The department through its ardent efforts has been able to procure readings for the Hindi medium students as well. The effort continues enthusiastically, hoping to build a sufficient reading base for every student joining the department.
- **College Library:** There is a separate section for Sociology books in the main library of the college with a collection of approximately 3124 books in the discipline. Journals and magazines in the discipline of Sociology such as 'Sociological Bulletin' and 'Contributions to Indian Sociology' are also subscribed to by college library.

b) Internet Facilities for staff & students

The College is well updated with the latest technological modes of operation enabling swift communication and knowledge circulation. The department uses the internet facilities provided by the college in the Information and Communication Technology Centre (ICT) of the college for its staff and students. There is regular online uploading of attendance and official notices, which can be regularly seen by the students. This increases the transparency and accountability of the students as well as teachers. ICT has a well equipped separate Faculty section as well as student lab with Wi-Fi and printer facility.

c) Class rooms with ICT facility

Around 20 classrooms are equipped with ICT facility in the college, making the pedagogical exercise highly interactive and enjoyable for teachers and students. The department of Sociology uses these rooms for teaching program involving

power point presentations or to screen documentaries pertaining to the courses taught.

d) **Laboratories** : Not applicable.

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students
2010-2011	No data
2011-2012	No data
2012-2013	No data
2013-2014	01
2014-2015	01

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

The students are exposed to a number of lectures by eminent personalities, workshops and seminars on socially relevant topics. The department endeavors to enrich their experience in the following ways:

- **Eminent visitors**-Since its inception, the department has invited many eminent personalities to visit and address its students. Some of the early visitors include the pioneering Indian sociologist M.N. Srinivas, Dr. Kiran Bedi, IPS, and the famous writer Amitav Ghosh. They were followed by Padma Bhushan Prof. Andre Beteille, A.M. Shah, J.P.S. Uberoi, Anand Chakravarti, Virginius Xaxa, Veena Das, and B.S. Baviskar from Delhi University, Padma Bhushan Prof. T.K. Oommen, Yogendra Singh, Dipankar Gupta, Anand Kumar, and M.N. Panini from JNU, and Profs. T.N. Madan and Patricia Uberoi from Institute of Economic Growth.
- **Annual Lectures** –In the year 2005, the department introduced the series of *Annual Lectures in Sociology*. Since then, a number of eminent scholars have been visiting the department each year, delivering the annual lecture on a diverse range of topics. The **first** lecture in the series was delivered by the eminent sociologist **Prof. T.N. Madan** on *‘Introducing Sociology and Social Anthropology as disciplines’*. **Prof. Anand Chakravarti** of DU, delivered the **second** annual lecture on *‘Grandmasters of Sociology: A view from the grass-roots’*. The **third** annual lecture was delivered by **Prof. Emeritus, Yogendra Singh** of JNU, on *‘Culture, Life-style and Globalisation’*. The topic of the **fourth** annual lecture was *‘Plurality and Identity’*, the speaker being Prof. **J.P.S. Uberoi** of DU. In 2009, the **fifth** annual lecture was delivered by Late **Prof. B.S. Baviskar**, Senior Fellow, Institute of Social Sciences on *‘Local-level Governments’*. In 2010, **Padma Bhushan Prof. T.K. Oommen** delivered the Annual lecture on *‘Theoretical foundations of Multiple Modernities’*. The 2012 Annual Lecture was on *‘Social unrest and*

Poetic Universalism by **Prof. Avijit Pathak**, while the 2013 Annual lecture was on *'The 20th century and the romance of Social Engineering*' by **Prof. Rabindra Ray**. The 2014th Annual Lecture was delivered by **Prof. A.K. Ramakrishnan** of Ambedkar University on *'Engaging the nation in contemporary times*'. Each annual lecture was followed by a discussion in which both students and teachers participated.

- **M.N. Srinivas Declamation Contest-** On a rotational basis with other colleges teaching Sociology in the University, the department hosts the prestigious M.N. Srinivas Declamation Contest, named after the pioneering Indian Sociologist, for first year students. There is a running shield to be won by the winning team.
- **Annual inter-college Festival** – The department hosts “*Conscience Collective*”, an inter-college festival for undergraduate students of Sociology departments in Delhi University. This festival has become one of the most eagerly awaited events for students, from both Delhi University and outside, where they come forward to participate in debates, group discussions, caption-writing, poster-making and interpretation, quizzing, and other events. These screenings are followed by film appreciation discussions or write-ups.
- **Annual Magazine-** The departmental annual magazine made its appearance in 1999. Over the years, with the sustained support of former Principal Dr. Sankara Reddy and present Principal Dr. Mrs. Hemalatha Reddy, it has become an important and prestigious annual feature of the department. Consisting of contributions from both students and faculty, the magazine, *'We Witness'* is considered one of the best departmental magazines of the college!
- **Wall Magazine-** The department has a Wall Magazine which generates much excitement and enthusiasm among students. It provides a window to the world, and gives students a platform to voice their opinions and even vent their feelings! The nature of and items displayed on the wall-magazine has changed from time to time, ranging from collage competitions to famous quotations, brief biographical sketches of famous sociologists, cartoons, sketches, musings, opinions on various social issues and even heated arguments! In fact, no-one passes by the department, without stopping to look at the wall magazine display!

33. Teaching methods adopted to improve student learning

1. Traditional Lecture method using chalk and board
2. Tutorials with small student groups
3. Interactive Method by conducting presentations and group discussions
5. Educational tours and Field-trips
6. Student seminars
7. Annual Lectures and Guest lectures
8. Screening of Documentaries

9. Project work and Paper presentation
10. Course-based Quizzes
11. Class-room enactment of Case-studies

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- The faculty has contributed in varying capacities towards the strengthening of the institution. Dr. Sodhi has been Convener of the Library Committee and member of Garden Committee, Freeship and Financial Aid Committee, and Women's' Development Cell. Dr. Kundu has been part of the library committee, Fine Arts Committee and acted as a convener of College Canteen Committee... While Dr. Bhattacharjee and Dr. Priyadarshini have been part of the Academic Planning Committee as well as Gardening Committee and Alumni Association Committee of the college, Mr. Subas Mohapatra has been part of the Academic Planning Committee, Finance aid and... other planning committees of the college from time to time.
- The students are actively involved in the activities of the Social Service Society, 'Parivartan' and Women's' Development Cell 'Shakti', of the college as well as outside such as 'Teach India' Programme.

35. SWOC analysis of the department and Future plans

Strengths:

- The faculty of the department is considered among the best in the subject in the university and has been instrumental in earning a high reputation for the department. Dr. Sodhi was Fulbright Visiting Professor at Washington University at St. Louis. Mr. Mohapatra was guest faculty at DuPage, Illinois. Dr. Abhijit Kundu has been a part of EU funded CISCA programme of Aarhus University, Denmark. Apart from teaching as a guest faculty at the University, he has contributed to the development of the audio-visual library of the programme at Aarhus University, Denmark.
- The faculty has been constantly upgrading itself academically. Four of the six teachers have been awarded their doctoral degrees from prestigious institutions. While Dr. Geeta Jayaram Sodhi has her doctoral degree from the Department of Sociology, Delhi School of Economics, Delhi University, Dr. Abhijit Kundu and Dr. Nabanipa Bhattacharjee have their doctorates from Centre of Study of Social Systems, JNU. Dr. Kundu has been regular with extension lecture at JMI, New Delhi and St Xaviers College, Kolkata. He has delivered a number of lectures in seminars hosted by Ambedkar Chair, CSSS/SSS, JNU, New Delhi. Dr. Padma Priyadarshini is a doctorate from University of Wisconsin, USA.
- The teachers are also active in publishing books, articles and book-reviews, attending and presenting papers at national and international conferences and seminars, and actively participating in syllabus revision work.

- Besides teaching, the faculty gives the best of their time and efforts to departmental activities. Every year, each teacher takes charge of an area of activity of the department, such as the Sociology Association, Sociology Magazine, Department Library, and Seminar/Guest Lectures, organizing, supervising, and motivating the students in each of these activities.

Weaknesses:

- With a small student strength, the department has a financial problem in **conducting field research trips** for students, essential to the discipline of Sociology.
- We need to build up more **resources in Hindi** to help Hindi medium students to realize their potential.

Opportunities:

- Through the discipline of Sociology, the department provides students with the opportunity of becoming sensitive, balanced and cosmopolitan in their outlook.
- Through project work and field-trips, there is opportunity of exposure to diverse communities and cultures and their nuances.
- The department provides a strong foundation for excelling in various fields involving human relationships such as civil services, social work, law, human resource development, and public relations.
- Our students have a competitive edge over others in seeking admissions in various universities both in India and abroad.

Challenges:

With students from diverse backgrounds and performance levels, the faculty puts in every effort to bridge the gap and help them to shed their inhibitions and complexes.

Future Plans:

- The faculty is fully **capable of post-graduate teaching**, given the opportunity.
- The faculty is **competent to guide** students for Ph.D. given the opportunity.
- The teachers look forward to opportunities for **short-term exchange programmes** with other International and National Universities.
- The department looks forward to formally launching its **Alumni Association** with the objective of establishing a global network of old students.
- In times to come, we hope to recruit more capable teachers and develop the infrastructure to its optimum limit in order to deliver knowledge more efficiently and attend better to the academic needs of the students taking the department to new heights.

EVALUATIVE REPORT OF DEPARTMENT OF STATISTICS

1. **Name of the Department :** Statistics
2. **Year of Establishment:** 1977
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
 B.Sc.(H) Statistics
 M.Sc. Statistics
4. **Names of Interdisciplinary courses and the departments/units involved**
 Department of Statistics participates in the teaching of Statistics for B.A. Program
5. **Annual/ semester/choice based credit system (programme wise)**
 UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
6. **Participation of the department in the courses offered by other departments**
 Presently we are teaching Statistics as Generic Elective Course to students of other departments
7. **Details of courses/programmes discontinued (if any) with reasons**
 Presently nil.
8. **Number of Teaching Posts**
 Kindly refer Table 07 of SSR
9. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)** The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
Dr. Archana Bansal	M.A., Ph.D. Delhi University	Associate Professor	Stochastic Process, Design of Experiments, Sample Surveys, O.R., Order Statistics	38	Nil
Dr. B. R. Gupta	M.Sc. Delhi University,	Associate Professor	Stochastic Process and Operational	38	Nil

	Ph.D. London University		Research		
Ms.Raj Kumari	M.A. Delhi University	Associate Professor	Order Statistics	36	Nil
Dr. M.V.R. Prasada Rao	M.Sc Andhra University Ph.D. Delhi University	Associate Professor	Design of Experiments, Statistical Inference	36	Nil
Dr. Veena Budhraja	M.Sc., M.Phil., Ph.D. Delhi University	Associate Professor	Design of Experiments, Stochastic Process, Real Analysis	22	Nil
Dr. M. K. Sukla	M.Sc., Ph.D. Utkal University	Associate Professor	Stochastic Models	20	Nil
Mr. AkashVa rshney*	M.Sc. Vinayaka Mission University , M.A.(Maths) Delhi University	Assistant Professor	-Real Analysis	3	Nil
Dr. Joginder *	M.Sc., M.Phil., Ph.D. M. D. University Rohtak, PGDCA, GJU,Hissar	Assistant Professor	Reliability Theory and Modeling, Sample Surveys	2	Nil
Mr. Ashutosh Awasthi*	M.Sc. IIT Bombay	Assistant Professor	-Stochastic Processes, Real Analysis	3	Nil

*Presently working Ad-hocs.

10. List of senior visiting faculty

Presently nil.

11. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Programme	Percentage of classes handled by temporary/ad-hoc faculty
B.Sc. (Hons.) Statistics	40%
B.A. (Program)	100%

Note : Each temporary faculty member is assigned full workload as per the University norms

12. Student -Teacher Ratio (course wise)

Total No. of Teachers: 09		Total No. of Students				Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.	Total	
1.	B.Sc. (H) Statistics	37	70	43	158	In Hons. Course- 1:17 Other than Hons Course 1:07
3.	Generic Elective	48	--	--	48	
5.	B.A. Program	07	04	--	11	

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled

YEAR POST	10-11		11-12		12-13		13-14		14-15		15-16	
	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted
Lab Assistant	2	1	2	1	2	1	2	1	2	1	2	1
Lab Attendant	2	2	2	2	2	2	2	2	2	2	2	2

14. Qualifications of teaching faculty with DSc./ D.Litt/ Ph.D/ MPhil / PG.

Qualification	No. of faculty members
PG	10
PG & M. Phil	01
PG & Ph. D	04
PG, M. Phil & PhD	02

Please refer to point no. 10 for details.

15. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Presently nil.

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Presently nil.

17. Research Centre /facility recognized by the University

Presently nil.

18. Publications:

The details of publications and books authored by faculty members from 2010-15 are given:

Faculty Name	Books/Chapters Authored	Title	ISBN/ISSN number
Dr. M.V.R. Prasada Rao	International Journal of Statistics and Reliability Engineering Vol. 1 (2), pp. 130-139, 2014	GDP of India and Pakistan: A Co-Integration Model	ISSN No. : 2350-0174
Dr. Veena Budhraja	International Journal of Scientific & Engineering Research , Vol. 5, Issue 7, July-2014.	Trend Free Orthogonal Arrays using some Linear Codes	ISSN No. 2229-5518
Dr. Veena Budhraja	Journal of Combinatorics , Information & System Sciences Vo. 39, 2014	Construction of Fractional Factorial Designs with some Linear Trend Free Effects Through Finite Field	ISSN No. 0250-9628
Dr. Veena Budhraja	<i>International journal of Engineering and Innovative technology.</i> 2013, Vol. 3, Issue 1	Construction of linear trend free orthogonal Arrays through linear codes	ISSN No. 2277-3754.
Dr. Veena Budhraja	<i>Metron</i> , No. 3, Issue No-LXVII. 2009	On non isomorphic $(3^5, 20, 3, 3)$ orthogonal Arrays.	ISSN No. 0026-1424
Dr. M. K. Sukla	International Journal of Basic and Applied Science, Vol. 3, No. 2, pp. 221-229, Oct., 2014, Insan Akademika Publications.	On the Precision of Truncated Negative binomial Probability Model for Distribution of dry spell in the Mahanandi delta of India.	E-ISSN 2301-4458, P-ISSN 2301-8038.
	IASET: Journal of Applied Mathematics & Statistical Sciences(IASET:JAMSS);	MARKOV CHAIN MODELING OF DAILY RAINFALL OCCURRENCE IN THE MAHANADI DELTA OF INDIA	ISSN(p); ISSN(online) Applied: Vol-4, Issue-2, > Jul-Dec-2015
Dr. M. K. Sukla	Research journal of Mathematical and Statistical Sciences. Vol. 2(9), 1-8, September, 2014 International Science Congress Association.	An Investigation of the stochastic modeling of daily rain fall amount in the mahanandi delta regions.	ISSN 2320-6047.

Dr. M. K. Sukla	<i>Journal of Reliability and Statistical Studies</i> , Vol. 6. Issue I: 77-86., 2013	A markov chain analysis of daily rain fall occurrence at western Orissa of India.	ISSN 0974-8024.
Dr. M. K. Sukla	<i>Int. J. Agricult. Stat. Sci.</i> , Vol. 8, No.-2, pp. 433-438, 2012	A study of seasonal rainfall pattern in the Mahanadi delta of Odisha.	. ISSN 0973-1903.
Dr. M. K. Sukla	<i>New York Science Journal</i> , 5(11): 54-61, 2012	A comparative study of three models for the distribution of wet and dry spells in the Mahanadi delta.	ISSN 1554-0200.
Dr. M. K. Sukla	<i>Environment & Ecology</i> 30 (2): 324-328. 2012	Inter- Annual Variability of Seasonal Rainfall in Mahanadi Delta Region of Orissa. <i>Environment & Ecology</i> 30 (2): 324-328.	ISSN 0970-0420
Ms. Taruna Kumari	<i>Probstas Forum</i> , Vol. 06, 96-106, 2013	Recurrence relations for marginal and joint moment generating functions of upper k-record values from Gompertz distribution.	ISSN 0974-3235.
Ms. Taruna Kumari	<i>International Journal of Mathematical Analysis</i> , Vol. 08, no. 3, 141-148., 2014	Conditional expectation of certain distributions of dual generalized order statistics.	ISSN 1312-8876.
Ms. Taruna Kumari	<i>IJSER</i> , Vol. 5, Issue 1, 2014.	Recurrence relations for single and product moments of generalized order statistics from generalized power Weibull distribution and its characterization.	ISSN 2229-5518.
Ms. Taruna Kumari	<i>World Applied Sciences Journal</i> , 27(12), 2013.	Recurrence relations for single and product moments of record values from Chen distribution and a characterization.	ISSN 1818-4952.
Ms. Taruna Kumari	Accepted for publication in " <i>IJDR</i> ".	Estimation of the Reliability function for Transmuted Weibull distribution.	ISSN: 2230-9926.
Ms. Taruna Kumari	<i>Journal of Combinatorics and Information System Sciences (JCISS)</i> ., 2014	Relations for moments of generalized order statistics from Chen distribution and its characterization.	ISSN: 0250-9628.

Mr. Akash Varshney	<i>American Journal of Mathematics and Statistics</i> , Vol. 4(4), pp. 179-185, 2014.	Comparison of Reliability Measures of a System under Different Failure and Repair Policies.	(ISSN: 2162-8475)
Mr. Akash Varshney	Chapter on e-content developed by ILLD, Delhi University, 2014	Numerical Analysis topic Interpolation	vle.du.ac.in: ISSN 2349-154X
Mr. Akash Varshney	e-content ILLD, Delhi University, 2014	Numerical Analysis topic Numerical Integration.	vle.du.ac.in: ISSN 2349-154X
Dr. Joginder	<i>Software Engineering: An International Journal</i> , Vol. 3 (2), pp. 21-28, Sept., 2014	Stochastic Analysis of a Computer System with Priority in Repair Disciplines.	ISSN: 2249-9342, Indexed
Dr. Joginder	<i>American Journal of Mathematics and Statistics</i> , Vol. 4(4), pp. 179-185, 2014.	Comparison of Reliability Measures of a System under Different Failure and Repair Policies.	(ISSN: 2162-8475)
Dr. Joginder	<i>International Journal of Computer Applications</i> , Vol.47 (1), pp.19-26, June 2012.	Profit Analysis of a Computer System with H/W Repair and S/W Replacement.	(IF-0.8, ISSN: 0975-8887)
Dr. Joginder	<i>Applied Mathematical Sciences</i> , Vol. 6(75), pp.3723 – 3734, 2012.	Cost-Benefit Analysis of a Computer System with Priority to S/W Replacement over H/W Repair.	IF-0.392, SJR-0.245, G-Index-21, H-Index-14, SCOPUS, ISSN: 1321-885X
Dr. Joginder	<i>International Journal of Statistics and Analysis</i> , Vol.2 (4), pp.379-389, 2012	Probabilistic Analysis of a Computer System with Priority to H/w repair over S/w Replacement.	(ISSN: 2248-9959)
Dr. Joginder	<i>International Journal of Mathematical Archive</i> , Vol. 3(10), pp. 3647-3655, 2012	Reliability and Profit Analysis of a Computer System with S/W Replacement and Arrival Time of the Server at H/W Failure.	(ICV-5.09, ISSN: 2229-5046)
Dr. Joginder	<i>International Journal of Mathematics and Applied Statistics</i> , Vol. 3 (2), pp. 115-128, 2012	Probabilistic Analysis of a Computer System with Arrival time of the Server at H/w Failure and Priority for Replacement of the S/W over H/W Repair.	SCOPUS, ISSN: 0973-5739
Dr. Joginder	<i>International Journal of Computer Applications</i> , Vol. 65 (13), pp. 44-48, 2013	Reliability Measures of a Computer System with Arrival Time of the Server and Priority	IF-0.8, ISSN: 0975-8887

		to H/W Repair over S/W Up-Gradation.	
Dr. Joginder	<i>International Journal of Mathematical Archive</i> , Vol. 4 (3), pp. 84-91, 2013	Reliability Measures of a Cold Standby System with Priority for Operation and Preventive Maintenance.	ICV-5.09, ISSN: 2229-5046
Dr. Joginder	International Journal of Statistics and Reliability Engineering Vol. 1 (2), pp. 130-139, 2014	GDP of India and Pakistan: A Co-Integration Model	ISSN No. : 2350-0174
Dr. Joginder	<i>International Conference on Frontiers of Statistics and its Applications</i> , pp. 48-57, 2013	Reliability and Profit Analysis of a Computer System with Arrival Time at H/w Failure and Priority to H/w Repair over S/w Up-gradation.	ISBN 978-93-82338-78-9, Bonfring

19. Areas of consultancy and income generated

Presently Nil.

20. Faculty as members in

Dr. Archana Bansal

- a) Member – Moderation Committee for B.Sc.(H) Statistics, Semester (TYUP, FYUP) and Annual Examination -2104.
- b) Member – Committee deciding the syllabus and sequence of 14 main papers and Allied courses for B.Sc.(H) Statistics, 2014
- c) Member – Moderation Committee for B.Sc.(H) Statistics, Semester (TYUP, FYUP) and Annual Examination -2103.
- d) Convener- Committee to prepare and finalise the guidelines of paper SDCI-2 (Applied Statistics) of Semester –I of Four Year Undergraduate Programme , 2013-14 .
- e) Member - Committee to discuss and classify the papers in DC-I , DC-II and AC- Applied Courses of Statistics under the four year undergraduate degree programme,2013-14.
- f) Member of Department Research Committee (DRC), Delhi University (2010-12)
- g) Member Board of Research Studies, Delhi University (2010-2012)
- h) Governing Body member , SVC (2010-2011)
- i) Member of Moderation Committee for B.Sc.(H) Statistics, Delhi University 2010-2014
- j) Faculty member, Faculty of Mathematical Sciences, Delhi University

Mrs. Rajkumari

- a) Teacher Representative in the Governing Body of Sri Venkateswara College (2014-2015)
- b) Member of Moderation Committee for B.A.(P) , B.Sc.(Mathematical Sciences) Delhi University, 2014-15.
- c) Member - Committee to discuss and classify the papers in DC-I , DC-II and AC- Applied Courses of Statistics under the four year undergraduate degree programme,2013-14

Dr. B.R Gupta

- a) Member of Department Research Committee(DRC), Delhi University 2014 onwards
- b) Member, Board of Research Studies, Delhi University.
- c) Member - Committee to discuss and classify the papers in DC-I , DC-II and AC- Applied Courses of Statistics under the four year undergraduate degree programme,2013-14
- d) Member of Committee of Courses for B.Sc.(Hons.) Statistics and M.Sc. Statistics (2011-13)

Dr. M.V.R. Prasada Rao

- a) Member of Department Research Committee(DRC), Delhi University(2012-14)
- b) Member Board of Research Studies, Delhi University(2012-14)
- c) Teacher Representative in the Governing Body of Sri Venkateswara College(2015-16)
- d) Convener to prepare and finalize the guidelines of STH -601 Statistical Inference –I of semester-VI of B.Sc.(H) Statistics 2013.
- e) Member - Committee to discuss and classify the papers in DC-I , DC-II and AC- Applied Courses of Statistics under the four year undergraduate degree programme,2013-14.
- f) Member of Committee to prepare guidelines of Practical –V of B.Sc.(H) Statistics 2011-12
- g) Convener to make guidelines of paper STH-501 Statistical Inference – V of Semester –V , 2011-12
- h) Convener to make guidelines and syllabus of paper STH-502 Applied Statistics-III , 2011-12

Dr. Veena Budhraj

- a) Member of CBCS syllabi committee, 2015, Department of Statistics, University of Delhi.
- b) Member of committee of courses for Under Graduate Studies (excluding hons.), 2013-15. Department of Statistics, University of Delhi.
- c) Member of committee to finalize the syllabus of papers titled Stochastic Processes, Biostatistics and Operational Research under the structure of 4 year Under Graduate Degree program. 2013 Department of Statistics, University of Delhi.
- d) Member of sub committee formed to finalize the guidelines and pattern of question paper for Econometrics STH-603 of semester VI of semester based B.Sc (Hons.) course in statistics, 2013. Department of Statistics, University of Delhi.
- e) Member of sub committee formed to finalize the guidelines and pattern of question paper for paper Statistics/Computer Lab: Part-B: Problem solving using Statistical Software Package of semester VI of semester based B.Sc (Hons.) course in statistics, 2013. Department of Statistics, University of Delhi.
- f) Member of the Interview Board for Entrance Examination for M.Sc Part I Operational Research and M.A/ M.Sc Part I Applied Operational Research for academic session 2014-15. Department of Operational Research, University of Delhi.
- g) Reviewed a manuscript for the journal “International Journal of Agricultural and Statistical Sciences. 2013.

Dr. M.K. Sukla

- a) Member of Committee of Courses for B.Sc.(Hons.) Statistics and M.Sc. Statistics (2011-13)

21. Student projects

Two students, Anadi Vashist and Shreya Dash are working in Innovation Project entitled “Mathematical Modeling and Simulation of Neural Networks based Controllers of Robots” with Dr. Veena Budhraj in collaboration with Mathematics and Electronics Department.

22. Awards / Recognitions received by faculty and students of last five years

Faculty Awards: Kindly refer to Criterion III, Table 3.12

Student Awards:

BEST DISPLAY AWARD among all the Innovation Projects displayed in **Antardhwani Festival – 2015**, Delhi University, was given to the project “Mathematical Modeling and Simulation of Neural Networks based Controllers of Robots” undertaken by **Dr. Veena Budhraj** with two students

of Statistics Department in collaboration with Mathematics and Electronics Department

Other Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year	No. of Ranks	
		Delhi University	South Campus
1	2010-2011	0	05
2	2011-2012	0	02
3	2012-2013	01	03
4	2013-2014	03	03
5	2014-2015	02	01

23. List of eminent academicians and scientists / visitors to the department

Special Lectures by:

S.No	Name	Institution	Duration
1	Prof. Badal Mukherjee	Delhi School of Economics , DU	1 day, 2014
2	Prof. S.N. Gupta	University of Maine, USA	1 day, 2013
3	T.R. Mohanty (ISS)	DDG, CSO	1 day, 2013
4	T.V. Raman (ISS)	DDG, CSO	1 day, 2012
5	Prof. Hasibullah Mow abed, Deputy President General	CSO, Govt. of Afganistan	1 day, 2012
6	Dr. Avnishkumar Bhatia , Director	NSSO, Delhi	1 day , 2011
7	Dr. P.C. Mishra (ISS)	Rural development devision, planning commission, Govt. of India.	1day, 2010

24. Seminars/ Conferences/Workshops organized & the source of funding

a) **National** : Presently nil

b) **International** : Presently nil

25. Student profile programme/course wise:

Name of the course/Program	Year	Applications received	Selected*	Enrolled		Pass** * %
				M**	F**	
B.Sc. (Hons.) Statistics (Three years(annual/semester) /four year program)	10-11	By the central admission committee	63	33	30	96.8
	11-12	By the central admission committee	37	16	21	88.63
	12-13	By the central admission committee	58	29	29	94.8
	13-14	By the central admission committee	44	30	14	95.74
	14-15	By the central admission committee	74	47	27	100
	15-16	By the central admission committee	34	23	11	
M.Sc. Statistics (Annual/Semester)	10-11	By the central admission committee	4	2	2	100
	11-12	By the central admission committee	5	3	2	100
	12-13	By the central admission committee	6	01	05	100
	13-14	By the central admission committee	14	04	10	100
	14-15	By the central admission committee	11	08	03	100
	15-16	By the central admission committee	13	11	02	

*This data is of only First Year Statistics (Hons.) students

**M = Male; **F = Female

*** Pass percentage is for all first, second and third year Statistics (Hons.) students.

26. Diversity of Students

Kindly refer Table 03 of SSR

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

As department does not have complete records, few of the records which we have obtained are as under

S. No	Name of Student	Exam Cleared	Year
1	Lalita	NET	2011
2	Deepika Verma	Indian Statistical Services(ISS)	2013
3	Manish Joon	Indian Statistical Services(ISS)	2014
4	Rohit Naagar	Indian Statistical Services(ISS)	2014
5	Shivam Nagpal	Indian Air Force	2014

28. Student progression

Student progression	Against % enrolled					
	10-11	11-12	12-13	13-14	14-15	15-16
UG to PG	65	70	68	76	74	68
PG to M.Phil						
PG to Ph.D.						
Ph.D. to Post-Doctoral						
Employed						
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 						
Entrepreneurship/ Self-employment						

Note: Most of the Hon.(Statistics) graduates placed well in Govt. and Corporate life (Supporting data is not available)

Employment Details of few of our students is given in the following table

S.No.	Name	Yr. of Passing B.Sc.(H) Stats	Highest Qualification	Current Job	Organization	Remarks
1	Namrata Chaudhary	2012	PGDBM-German Language	German Language Specialist	Hewlett – Packard	
2	Rishabh Gupta	2012	M.Sc. Actuarial Management	Actuarial Analyst	Willis Group , UK	No.of Actuarial papers=12
3	Arpit Aggarwal		Analyst	Dunhumby IT services		
4	Kanika Shimor		Statistical Investigator Grade –II	Ministry of Statistics and programme Implementation		
5	Vritti Palli	2014				
6	Tanya Sharma	2014				
7	Nishant Rateria	2015	B.Sc.(H) Statistics	Working as an Actuarial Trainee	KPMG.	
8	Ujjwal Mehrotra	2015	B.Sc.(H) Statistics	Working as an Actuarial Trainee	Mckinsey & Company	

29. Details of Infrastructural facilities

a) Library

- Departmental Library: The Department of Statistics maintains its own departmental library having 350- 400 books for different specializations from

well-known Indian and Foreign authors and publishers. Students can have access to these books throughout the academic session and during examination period.

- College Library: There is a separate section for Statistics books in the main library of the college with a collection of 8500-9000 books.

b) Internet facilities for Staff & Students :

Department uses the internet facilities provided by the college in Information and Communication Technology Centre (ICT) of the college for its staff and students. There is a separate student lab with networking and printer facility equipped with useful softwares in ICT.

c) Class rooms with ICT facility:

Around 20 classrooms are equipped with ICT facility in the college. The Department of Statistics uses some of these rooms for teaching program.

d) Laboratories:

- Statistics Lab with Projectors, Calculators and Statistical Tables.
- Computer Lab for Software Application

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students
2012-2013	2

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

- Special lectures on Actuarial Science, Vedic Mathematics and Computer Applications
- Seminars and workshops are conducted during Statistical Festival, to acknowledge students about their career prospects and importance of Statistics in all walks of life.

33. Teaching methods adopted to improve student learning

1. Traditional Lecture Method using chalk and talk.
2. Interactive Method by conducting presentations and group discussions.
3. Project based learning Statistics.
4. Computer softwares(such as SPSS, R, MS-EXCEL, WIN-QSB etc.) are used to study different types of statistical properties
5. Educational and Industrial visits for the assimilation of subject on various subject understanding.
6. Student Seminars.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Women Development Cell (WDC)

1. Dr. Archana Bansal
2. Dr. Veena Budhraj

Equal Opportunity Cell (EOC)

1. Dr. Veena Budhraj

Other Details:

Dr. Archana Bansal

- a) Member of Academic Planning Committee , SVC (2010-2011)
- b) Convener of Academic Planning Committee , SVC (2011-2014)
- c) Member - Development Fund Committee , SVC(2011-13)
- d) Member – Student Aid Committee

Dr. B.R. Gupta

- a) ICT In-charge (2009-13)
- b) President , Teaching Staff Association (2015-16)
- c) Proctor, SVC (2015-16)
- d) Member Internal Assesment Monitoring Committee.

Dr. M.V.R. Prasada Rao

- a) Warden of Hostel(Sep-2009 to Jan-2015)
- b) Convener Purchasing Committee SVC (2015-16)
- c) Member, Proctorial Committee SVC (2015-16)
- d) Joint Secretary, Staff Association, SVC (2015-16)
- e) Asst. Co-ordinator for Andhra University (2005-10)

Dr. M.K. Sukla

- a) Convener- Attendance Screening Committee (2015-16).

- b) Member - Development Fund Committee (2015-16).
- c) Member – Hostel Committee (2015-16)
- d) Member – Admission Committee (2011-13)
- e) Member –Sports Committee (2013-15)
- f) Member – Canteen Committee (2013-15)
- g) Member – Proctoral Committee (2015-16)

35. SWOC analysis of the department and Future plans

Strength: Greatest strength of Department of Statistics, Sri Venkateswara College is the vast experience and subject expertise of our teachers .Teachers of our department remains devoted in nurturing knowledge quotient and proper learning of our students. At the same time students of our department are very hardworking and put all their effort in getting excellent result, reputation and fame to the department. The students of our dept are well placed in industries, govt sectors, university teaching and MNCs.

We also have a good AC Computer Lab., Statistics Lab. and a separate departmental library.

Weaknesses : Following are the weaknesses

1. We do not have latest versions of software (SPSS, C-Language, SAS) due to the shortage of funds.
2. We do not have opportunities to apply knowledge of Statistics in practical areas.
3. Projects for students and teachers are not offered by Industries.
4. No internship program for students.

Opportunities: Statistics has played a very crucial role in the growth and development of almost all the sectors. Importance of subject Statistics can be seen as our first Prime Minister Pt. Jawahar Lal Nehru asked P.C. Mahalanobis (Father of Statistics) for some statistical analysis on how to make our country food independent. To make our contrary independent, Mahalanobis gave some statistical findings and suggestions that improved food situation of our country. India is a growing country having population of around 125 crore. Statistics plays an important role for the growth of the contory .Statistics is used in the areas like

1. Actuarial Science (Insurance Sector , Risk Management)
2. Survey Sampling ,Census and Population Studies
3. Quality Control, Six Sigma, Data Analysis
4. Design of Experiments
5. Statistical Finance

6. Data Mining

So with the progress in sectors like Agriculture , Manufacturing ,Services etc. demand for Statistical analysis and Data Interpretation will definitely increase. This indicates that students of statistics specialization will find greater opportunities in the industry, so we have to organize National and International Conferences , Workshops and Seminars regularly.

Challenges: Main challenge for our department is to make content of course compatible with the industry standards. Introducing research and application together with theoretical studies is also a area of concern. Recognition of Statistics as specialized subject and not merely as one of the branch of mathematics is essentially required. As statistics is mainly an application subject, we require to introduce some industry demanded courses like Data Mining, Actuarial Science, population studies and Statistical Finance etc.

FUTURE PLANS FOR DEPARTMENT OF STATISTICS

1. Department plans to conduct workshop /seminars / conference on various applications for faculty as well as for the students to update their ideas and knowledge in areas such as SQC,SAMPLE SURVEY, DOE,DATA ANALYSIS etc.
2. Department also plans to organize educational trip to the various centres of CSO/NSSO dealing with Collection, compilation and analysis of various types of data.
3. We also plan to conduct basic workshop for the non-statistical background students.
4. We are also planning to visit various MNC's and Industries , dealing with applications of Statistical techniques like Quality Control,Design of Experiment, Biostatistics, statistical packageslike SPSS,SAS etc. We also plan to interact with companies doing Data Analysis and Interpretation and Research and Development of Statistical Applications.

EVALUATIVE REPORT OF DEPARTMENT OF TAMIL

1. **Name of the Department :** Tamil
2. **Year of Establishment:**1961
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
Department offers the following Programmes /Courses:
 - i. Tamil Language Course for B.A, & B.Com Programmes, & B.A. (Hons.) Courses under Semester System in II Year
 - ii. Tamil Core & Discipline Courses for B.A & B.Com Programme Courses with Semester System under Choice Based Credit System (CBCS) in I Year
4. **Names of Interdisciplinary courses and the Departments/units involved:** Not applicable
5. **Annual/ Semester/Choice Based Credit System (Programme wise)**
UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
6. **Participation of the Department in the courses offered by other departments:** Presently Nil.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Presently Nil.
8. **Details of courses/programmes discontinued (if any) with reasons:** Presently Nil.
9. **Number of Teaching posts**
Kindly refer to Table 7 of SSR
10. **Faculty Profile with Name, Qualification, Designation, Specialization, (D.Sc. /D.Litt. /Ph.D. /M. Phil. etc.)**

The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
Dr. S. Vivekananthan	M.A., M.Phil Ph.D.	Associate Professor	Tami Language & Literature, Archaeology, Folklore & Manuscriptology	24	1 Awarded

Dr.S. Seenivasan	M.A., M.Phil Ph.D Diploma in Malayalam & Telugu Certificate in Hindi	Associate Professor	Tami Language & Literature, Comparative Indian Literature, Modern Literature & Dalit Literature	23	1(Pursuing)
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11. List of senior visiting faculty: Presently Nil.

12. Percentage of lectures delivered and practical classes handled (Programme wise) by Temporary faculty: -Nil-

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 02		Total No. of Students			Total	Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		
1.	B.A (Prog)	18	-	10	28	In Hons. Course- 1:14

14. Number of academic support staff (Technical) and administrative staff; sanctioned and filled: Not applicable

15. Qualifications of Teaching Faculty with DSc./D.Litt/ Ph.D/ MPhil / PG. No. of faculty members with Ph.D. = 2
(Kindly refer to point no. 10 for details.)

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

No. of faculty members with ongoing National Projects = 02

No. of faculty members with ongoing International Projects = Nil

(Kindly refer to point No. 17 for details).

17. Departmental Projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants Research Centre /facility recognized by the University.

Undergraduate Innovative Projects: Kindly refer to Table 8 of SSR

Research Projects:

Name of faculty member	Project	Title of the project	National/ International	Funding Agency	Grant Amount	Tenure
Individual Research Projects						
Dr.S.Vivekananthan	UGC-Major Research Project	History of Forts in Kumari Nadu	National	UGC	7,04,200	2011-2013
Dr. S. Seenivasan	UGC - Major Research Project	Dalit Folk Ballads of Southern Tamil Nadu: An Ethnographic Study	National	UGC	3,54,600/-	2010-2012

18. Research Centre /facility recognized by the University: Presently Nil.

19. Publications:

The details of publications and Books authored by faculty members from 2010-2015 are given:

Books (Published): Cover pages of Books have been separately enclosed

Faculty Name	Books/Chapters Authored	Title & Year of the Book and details of Publishers	ISBN Number
Dr. S. Vivekananthan	Book	Samana Samaya Varalaru Kumari Naattil (History of Jainism in Kumari Nadu), Kaavya, Chennai, 2010	-Nil-
	Book	Naagar Varalaru (History of Nagas), Kaavya, Chennai, 2010	-Nil-
	Book	Ayothi Ramayanam , Kaavya, Chennai, 2011	-Nil-
	Book	Pennarasu Kaaviyam , Kaavya, Chennai, 2012	-Nil-
	Book	ThampimaarVaralaru (History of Thampimars), Kaavya, Chennai, 2012	-Nil-
	Book	Kumari Naattu-K-Kottaikalum Kottarankalum (Forts and Palaces in	-Nil-

		Kumari Nadu), Kaavya, Chennai, 2013	
	Book	Valli Naatakam , Kaavya, Chennai, 2014	-Nil-
	Book	Kumari NattuVaralarru Avanangal (Historical Documents of Kumari Nadu), Kaavya, Chennai, 2014	-Nil-
	Book	<i>Aavikal Bhuthankal Peikal: Varalaarum Vazhipaadum(A Study of Spirits, Demons and Devils), Chennai: Kaavya Publications.2015</i>	ISBN:978-93-83632-78-7
Dr.S.Seenivasan(Ed.)	Book	Dalit Kathai-p-Paadalkal (Collection of Dalit Folk Ballads), Kaavya, Chennai, 2010	ISBN:978-93-80412-51-1
Dr.S.Seenivasan(Ed.)	Book	Dilli Sirukathaigal (Delhi Short Stories in Tamil Compiled, Edited & Introduced), Kaavya, Chennai, 2014.	978-93-83632-29-9

Research Articles (Published): Cover pages of the Articles have been separately enclosed.

Name of the Faculty	Title & Year of the Articles and details of Journals etc.	ISSN	Impact Factor
Dr. S. Vivekanathan	Valli Natakam kurippitum Velvimalai Thiruverakamaa? (Whether Velvimalai mentioned in Valli Natakam is Thiruveragam?), Natarajan and others (Eds.) Bakthi Ilakkiyam Oru Panmukappaarvai, Vaishnava College, Chennai, 2014: pp.686-694.	-NIL-	Reffered
	Pulaipedi (Book Review) , Ungal Nulagam, Monthly Literary Journal, Chennai, December-2012, pp. 40-41.	-NIL-	
	En Thaa Mannil Naan , Mutharsangu Monthly Literary Journal, Nagercoil,	-NIL-	-do-

	January-2013, pp.12-17.		
Dr. S. Seenivasan	Nerkattaaan Sevvayal- Mannin Mainthan Ondiveeran , (Ondiveeran: Son of the soil of Nerkattaaan Sevvayal'), Puthiya Kodanki, Chennai, December, 2014, pp.12-22.	-NIL-	Referred
	Arunthathiyar Varalaaru: Kalvettukkal vazhi-k -kattamaiththal' (History of Arunthathiyar: Constructing through Inscriptions), Aaytha Ezhuththu- International Journal of Tamil Studies, Erode, August-2014, pp. 65-69.	ISSN: 2278-7550	-do-
	Arunthathiyar Varalaaru: Vaaymozhi Varalaaru, Ilakkiyam marrum Varalaaruvazhi-k-kattamaiththal (History of Arunthathiyar: Constructing through Oral history, Literature and History), Aaytha Ezhuththu- International Journal of Tamil Studies, Erode, October-2014, pp. 95-99.	ISSN: 2278-7550	-do-
Dr. S. Seenivasan	Dilli Uruvaana Varalaru (Origin History of Delhi), Kanaiyazhi, Chennai, February- 2015, pp. 22-24	-NIL-	-do-
	Suntharampillaiyin Diravida-k-karuththiyal :Punaivum Unmaiyum (Dravidiyan Ideology of Sundaram Pillai: Myth and Reality), Kaavya Thamizh-International Journal of Art, Literature and Culture-Quarterly, Chennai, April- June,2015, pp.54-62	ISSN 2277-9221	-do-
	'Dilliyil Makkal Kudiyerramum Thamizharkalin Pulappeyarvum' (Tamils Migration in Delhi), Arimaa Nokku, Chennai, April-2015, pp.15-20.	ISSN: 2320-4842.	-do-

Dr. S. Seenivasan e-articles	‘Dilli Uruvaana Varalaaru’(Origin History of Delhi), e-article Published in http://keetru.com/index.php/2014-03-08-04-42-57/2014-03-14-11-17-85/28818-2015-07-17-03-45-05 ,		-do-
	‘Dilliyl Makkal Kudiyerramum Thamizharkalin Pulappeyavum’ (Tamils Migration in Delhi), e-article Published in http://keetru.com/index.php/2014-03-08-04-35-27/2014-03-08-12-18-14/28840-2015-07-22-03-54-21		-do-
	Thamizhaka-k-Giraamankalum Thiranthaveli-k-Kazhippu Muraiyum’ (open Defecation in Villages of Tamil Nadu), e-article Published in http://keetru.com/index.php/2014-03-08-04-35-27/2014-03-08-12-18-14/29170-2015-09-15-02-41-09		-do-

20. **Areas of consultancy and income generated:** Presently Nil.

21. **Faculty as Members in :**

1) Editorial Boards -02

Dr.S.Vivekananthan, Member, Editorial Board, "Kaavya Tamil"-International Journal of Art, Literature and Culture-Quarterly, Chennai, Tamil Nadu.ISSN 2277-9221.

Dr.S.Vivekananthan, Member, Editorial Board, (Tamil Section), NEERAJANA, Annual Magazine of Sri Venkateswara College, New Delhi-21,

(2009-2010, 2010-2011, 2011,-2012, 2012-2013, 2013-2014)

Dr.S.Seenivasan, Member of Editorial Board, The Indian Pages-TIP Literary Findings- International Journal of Multidisciplinary Research, Erode, Tamil Nadu. Vol: 1, Issue: 1. ISSN: 2278-2311

22. Student Projects

a. Percentages of students who have done in-house projects including inter Departmental / Programme.

Five students successfully completed in-house individual projects during the academic year 2013-2014 as part of FYUP Foundation Course-LLC

- 1) **Dr.S.Vivekananthan-05**
- 2) **Dr. S.Seenivasan-05**

b. Percentage of students placed for projects in organizations outside the institution i.e.in Research Laboratories/Industry/ other agencies -Nil-

23. Awards / Recognitions received by faculty and students of last five years:

Faculty Awards: Kindly refer criteria III, Section 3.12

Students Awards:

Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year	No. of Ranks
1	2010-2011	-
2	2011-2012	-
3	2012-2013	01
4	2013-2014	02
5	2014-2015	-

24. List of Eminent Academicians and Scientists / Visitors to the Department

S.No.	Name	Institution	Month/Year of Visit
1	Mr.S.Ramanathan	Road Transport Officer, Janakpuri, New Delhi-58	2010

2	Prof.T.Sethupandian(Rtd)	Department Grammar, School of Tamil Studies, Madurai Kamaraj University, Madurai-625 021, Tamil Nadu	2011
3	Prof.K.Nachimuthu	Prof & Chairperson, Centre for Indian Languages, SLL&C Studies, JNU, New Delhi.,64	2011
4	Prof.A.Mariappan	Department of Modern Indian Languages & Literary Studies, Delhi University, Delhi-7	2011
5	Mr.T.Venkatesan	Dy. Registrar, (Finance-Audit), Delhi University, Delhi-7. Tamil Nadu	2012
6	Mr.B.Rajarajan	Dy. Registrar, (Exams.) University of Delhi South Campus, New Delhi-21	2012

25. Seminars/ Conferences/Workshops organized & the source of funding

1	Dr. S. Vivekananthan	One Day National Conference on Publications of Dr. S. Vivekananthan with the collaboration of Mutharsangu Monthly Literary Magazine at Nagercoil.	19-08-2012
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a) National b) International

26. Student Profile Programme/Course wise:

Name of the Course/ Programme	Year	Applications received (DU/SVC)	Selected*	Enrolled		Pass percentage***
				**M	**F	
B.A	2010-11	17	07	04	03	100%
	2011-12	15	06	03	03	95%
	2012-13	22	08	01	07	98%

Programme	2013-14	20	06	01	05	96%
	2014-15	22	10	04	06	100%

27. Diversity of Students

Kindly refer to Table 3 of SSR

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

YEAR→	2010-11		2011-12		2012-2013		2013-2014	
	Net/ JRF	GATE	Net/ JRF	GATE	Net/ JRF	GATE	Net/ JRF	GATE
B.A. (Prog)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

29. Student Progression

Presently the Department does not have any records.

30. Details of Infrastructural facilities

a) Library

- **College Library:** There is a separate section for Tamil books in the College main Library with a collection of more than 6000 books. One Tamil journal (Kalki) and one Tamil Daily Newspaper (Dinamani) are also available in the college main library.

b) Internet Facilities for staff & students

Department uses the Internet facilities provided by the college in Information and Communication Technology Centre (ICT) of the college for its staff and students. ICT has well equipped separate Faculty staff room as well as student lab with Wi-Fi and printer facility. The Tamil Department was provided with Laptop and Wi-Fi connection for the purpose of Academic and Research.

c) Class rooms with ICT Facility:

Around 20 classrooms are equipped with ICT facility in the college. The Department of Tamil uses these rooms for teaching Programme involving power point presentations.

d) Laboratories: Not Applicable

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students
2010-2011	-
2011-2012	-
2012-2013	01
2013-2014	-
2014-2015	02

32. Details on Student Enrichment Programmes (Special Lectures / Workshops / Seminar) with external experts

Dr. Shunmuga Sundaram, (Retd.) Head of Department of Tamil, St. Joseph College, Bangalore, delivered a lecture on 'Myths in Folklore' on 9th November, 2010.

33. Teaching methods adopted to improve student learning:

- a. Traditional Method using Board and Chalk.
- b. Power Point Presentation and group discussions
- c. Audio-Visual aids (Films and Videos on subject related topics)
- d. Case Study Method
- e. Group Discussion Method
- f. Co-operative Learning.
- g. Practice for creative writing
- h. Practice for article writing

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Many of the students of Department of Tamil taught to unprivileged elementary School kids and middle & High school students under a social service programme 'Each one Teach one'

35. SWOC analysis of the department and Future plans

Strength: The faculty members of Tamil Department are well qualified and experienced. The major strength of this department is that the faculty members are from different. Specializations which add on to the expertise required as per curriculum. Every year the department getting multilingual students with diversified background.

Weakness: Introduction of Under Graduation (UG) Tamil (Hons.) course at the College and Post Graduate (PG) at the University of Delhi would help them

pursue their chosen Subject in future. There is no enough Space and Infrastructure in the department for Preparing classes, work on Academic Research and conducting Research Projects.

Opportunity: The Department takes pleasure in directing students to higher studies in India and Abroad. The Department is capable of bringing many opportunities (Like Print & Visual Media and Mass Communication, Book Publication and entering various Competitive Examinations and Govt.service).The Training in Tamil provides them with an opportunity to excel in these areas and to come up well in life.

Challenges: The department admits meritorious candidates among Tamil students who got higher marks in Tamil subject in 10th and +2 levels. Most of the students from different social and economic backgrounds. The department puts in every effort in Bridging gap between Tamil and other stream students and bringing them upto a level, so that they have no inhibitions and complexes. To upgrade a student who Studies Tamil as one of the subjects in the Undergraduate Course to take up post-Graduate Studies in Tamil in regular course are a challenge.

Future Plans:

1. The Department intends to offer B.A (Hons.) Tamil Course in the near future.
2. The Tamil Department Faculty members are competent to guide Ph.D students
3. The Department is trying to do research and projects on Interdisciplinary Programs.

EVALUATIVE REPORT OF DEPARTMENT OF TELUGU

1. **Name of the Department:** Department of Telugu.
2. **Year of Establishment:** 1961.
3. **Name of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D. etc.):**
The department offers following Undergraduate Programmes / Courses:
 - a) Core & Discipline Courses for B.A & B.Com Programmes; and MIL and Generic Elective for B.A & B.Com (Honours) Courses with Semester System under Choice Based Credit System (CBCS) in I Year.
 - b) Telugu language Course for B.A & B.Com Programmes under Semester System in II Year.
4. **Names of the Interdisciplinary courses and the departments/units involved:**
Not Applicable.
5. **Annual/Semester/Choice based Credit System (Programme wise)**
UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
6. **Participation of the Department in the courses offered by other Department:**
Presently Nil.
7. **Courses in collaboration with other universities, Industries, Foreign Institutions, etc.:**
Presently Nil.
8. **Details of Courses/Programmes discontinued (if any) with reasons:**
Nil.
9. **Number of Teaching Posts:**
Kindly refer Table 7 of SSR
10. **Faculty Profile with Name, Qualification, designation, specialization, (D.Sc / D.Litt / PhD / M.Phil. etc.):**

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
Dr. S. Chandrasekhar	M.A., M.Phil., Ph.D. (Retired in June, 2015)	Associate Professor	Folklore and Literary Criticism.	35	...

Dr. E. Muralidhara Rao	M.A., M.Phil., Ph.D.	Associate Professor	Comparative Indian Literature, Literary Criticism, Problems In History of Literature and Poetics.	33	1 (Awarded)
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11. List of senior visiting Faculty:

Presently Nil.

12. Percentage of lectures delivered and practical classes handled (Programme wise) by Temporary Faculty:

Nil.

13. Student - Teacher Ratio (Programme wise)

Total No. of Teachers: 01		Total No. of Students			Total	Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		
1.	B.A (Prog)	6	2		14	1:14
3.	Generic Elective	2	--	--		
5.	B.Com Program	-	4			

14. Number of Academic support staff (Technical) and Administrative staff sanctioned and filled:

Not Applicable.

15. Qualifications of teaching faculty with D.Sc / D.Litt. /Ph.D. /M.Phil. /PG:

No. of Faculty members with Ph.D.: 2. (Kindly refer to point no. 10 for details.)

16. Number of Faculty with ongoing projects from a) National b) International funding grants received:

Nil.

17. Departmental Projects funded by DST-FIST; UGC, DBT, ICSSR etc., and total grants received:

Nil.

18. Research Center / facility recognized by the University:

Presently Nil

19. Publications of faculty:

The details of publications and books by the faculty members from 2010-'15 are given below:

Books (Published)

Name	Books/ Chapters Authored	Title and Year	ISBN number and details of publishers
Dr. E. Muralidhara Rao	Book	(i) <i>Vishnu Puranamu</i> , 2010.	(i) Amazon Internet Edition Published by Tagore Publishing House, Hyderabad.
	Book	(ii) <i>Srimad Bhagavatamu</i> , 2011 & 2015.	(ii) Revised Print Edition published by Ramakrishna Math, Hyderabad.
	Book	(iii) <i>Srirama Karnamritam u</i> (Edited), 2012.	(iii) Vavilla Ramaswamy Sastrulu & Sons, Hyderabad.
	Book	(iv) <i>Mahakavi Ravipati Tripurantakudu</i> , 2012.	(iv) Published during Fourth World Telugu Conference by Telugu Academy, Hyderabad.

Articles (published):

Name	Year	Title	Details of the Journal etc.
Dr. Elchuri Muralidha ra Rao	12 January, 2012	Radio Chamatkaarlu	Maalika Patrika (Web Magazine Published from USA)
	19 March, 2012	Marikonni gnaapakaalu	- do -
	30 July, 2012	Naaku nacchina Pustakam	- do -
	01 Jan, 2014	Stutamatiyaina yandhra kavi	- do -
	06 Dec, 2014	Bharatiya samskrutilo Naimisaranyam	- do -

02 April, 2014	Eree aa Sabdavidhaatalu nedu?	- do -
14 Jan, 2015	Boyi Bheemanna 'Pairupata'IO pranayatattvam	Saranga (Web Magazine Published from USA)
13 March, 2015	Chando bandobastulanni chat phat mani trnchina ... SriSri	- do -
19 June, 2013	A forgotten legend: Ravi Sita Devi (1931-1945)	- do -
29 Sep, 2013	Telugulo toli Detective navala edi?	- do -
01 Nov, 2013	Arudra gaari apurupamaina navala 'Adadani bharya'	Putakam.net (Web Magazine published from Germany)
20 Nov, 2013	Sahityacharitrulo vaadavivadala samagramaina sameeksha	- do -
27 Nov, 2013	Arudra gaari maro apurupamaina navala 'Anakatta meeda hatya'	- do -
Nov, 2011	Gaadhpratibhodu: Mahakavi Abburi	- do -
Jan, 2012	Bheemeswara Puranamlo Sreenathuni 'Gathasaptasati' loni padyam	- do -
Feb, 2012	"ambaraseema taaralu" padyam Sreenathunidaa?	Sujanaranjani (Web Magazine published from USA)
March, 2012	Adhyatmika yatrikulaku daarideepam	- do -
April, 2012	Andhra vangmayamlo atyanta praudhamaina padyam	- do -
May, 2012	Annamayya bhakti 'Sringara Manjari'	- do -
June, 2012	Ravipati Tripurantakuni krutulu: konni kotta velugulu - 1	- do -

	July, 2012	Ravipati Tripurantakuni krutulu: konni kotta velugulu – 2	- do -
	July, 2012	Ravipati Tripurantakuni krutulu: konni kotta velugulu – 3	- do -
	August, 2012	Ravipati Tripurantakuni krutulu: konni kotta velugulu – 4	- do -
	September, 2012	Pillalamarri Pinaveerabhadra kavi kaavyaalu – 1	- do -
	October, 2012	Pillalamarri Pinaveerabhadra kavi kaavyaalu – 2	- do -
	November, 2012	Pillalamarri Pinaveerabhadra kavi kaavyaalu – 3	- do -
	December, 2012	Devulapalli taamrasasanam: Jaimini Bharatamu avataarika	- do -
	January, 2013	Sanskrutaandhraalalo Garuda Puranam: konni kotta velugulu	- do -
	February, 2013	Nannaya Bharataanuvaadaniki Sanskruaanuvaadam !!!	- do -
	March, 2013	Visva – Visvaprakaasaala aikyaadam	- do -
	May, 2013	Sangita sahitya Sreenivasudu	- do -
	July, 2013	Tenali Ramalinga kavi Sabdarta gudha chitrapadyam	- do -
	November, 2013	Visvanatha: Vivahaseessulu	- do -
	November, 2013	Nannechoduni Kumarasambhavamlo 'lalitaasyaruhambu' padyasthi sthaapana	- do -
			Eemata (Web

	March, 2014	Anu-1: Kalavilaasamuloni padyalu: praakara nirupana	Magazine Published from USA)
		Anu-2: Kalavilasamu kaavyakarta Nannechodudu: bade bhupaludu	- do -
	March, 2014		
		Anu-3: Samskrutamlo Kalavilasamu ane kamaSastra gramtham unnadaa?	- do -
	March, 2014		
		Anu-4: Andhra kavulapai Kshemendruni prabhavam	- do -
	March, 2014		
		Nannechoduni Kalavilasamu: konni charchaneeyamsalu	- do -
	March, 2014		
		Ganapavarapu Venkatakavi Sabdartha chitrapadyalu	- do -
	May, 2014		
		Andhra Vangmayamlo atyanta praudhamaina padyam	- do -
	July, 2014		
		Bhaktakavi Boppana Ganganamatyuni Sri Mahabhadgavata Panchama Skandhamu	
	September, 2014		
		Rendu padyaalaku visheshaarthaalu: duranvayalaku samanvayam	- do -
	November, 2014		
		Sreenathuni Salivahana Saptasati: tathya mithya vivechana	- do -
	March, 2015		
		Sahityacharitrало apurvamaina Paryaya Kavyam: Ganapavarapu Venkatakavi Prabandharaja Venkateswara Vijayavilasamu – 1	- do -
	July, 2015		
		Sahityacharitrало apurvamaina Paryaya Kavyam: Ganapavarapu Venkatakavi Prabandharaja Venkateswara	- do -
	July, 2015		
			- do -

		Vijayavilasamu – 2	
		Potanamatyuni kalpananalpa Silpam	
	September, 2015		- do -
			- do -
			- do -
			- do -

20. Areas of consultancy and income generated:

Presently Nil.

21. Faculty as Members in:

Dr. E. Muralidhara Rao edited the Telugu section of the college magazine *Neerajana* from 2010 to 2013 and is now an overall Editor for the present year 2015-'16.

Dr. E. Muralidhara Rao is also active as Secretary, Telugu Sahiti (Regd.), a popular literary cultural organization in Delhi in organizing National Seminars, literary functions and discussions in collaboration with Central Sahitya Akademi and Andhra Association etc. in Delhi.

22. Student Projects:

(a) Percentage of students who have done in-house projects including inter Departmental Programmes:

Eleven students have successfully completed in-house individual projects during the academic year 2013-'14 as part of FYUP Foundation Course – LLC.

Dr. S. CHANDRASEKHAR: Student Projects - 5

Dr. E. MURALIDHARA RAO: Student Projects - 6

- (b) **Percentage of students placed for projects in organizations outside the Institution i.e. in Research Laboratory / Industry / other agencies:**

Nil.

23. **Awards /Recognitions received by faculty and students:**

Faculty Awards: Kindly refer to Criterion III, Section 3.12

Student Awards: Nil

24. **List of Eminent Academicians and Scientists / visitors to the Department:**

S.No.	Name	Institution	Month / Year of Visit
1	Eminent Writer Dasari Amarendra , Delhi.	Topic: <i>Trends in Telugu Short Story</i>	February 6, 2010
2	Central Sahitya Akademi Awardee and renowned scholar Dr. J.L. Reddy , Delhi.	Topic: <i>Translations from Hindi in Telugu language.</i>	February 6, 2010
3	Andhra Pradesh State Sahitya Academy Winner and well known poet Dr. P. Mohan .	Topic: <i>Folk literature in modern times.</i>	February 6, 2010
4	Celebrated scholar Dr. H.S. Brahmananda , Emeritus Professor, Sri Krishnadevaraya University, Anantapur, Andhra Pradesh.	Topic: <i>The life and message of Sri Shirdi Saibaba.</i>	March 10, 2011
5	Prof. Madabhushi Sridharacharyulu , Central RTI Commissioner, Dr. P. Hemalatha Reddy , Principal, Sri Venkateswara College, Smt. Pappu Santha Devi , Award winning Short Story writer, Shri Kishan Dev Kohli , renowned philanthropist, Smt. M.V.Lakshmi , literary critic, Sri S. Chandrasekhar , Associate Professor, Dr. E. Muralidhara Rao , Associate Professor.	<i>Release of a 3 Volume magnum opus prose epic Srirama Charitamu in Telugu by late Sri Ajarapu Venkata Rao.</i>	April 24, 2015

25. **Seminars / Conferences / Workshops organized & source of funding:**

a) National: Nil.

b) International: Nil.

26. Students profile Programme / Course wise:

Name of the Course/ Programme	Year	Applications received (DU/SVC)	Selected*	Enrolled		Pass percentage***
				** M	** F	
B.A (Programme)	2010-11	18	18	09	09	95%
	2011-12	10	10	04	06	100%
	2012-13	12	12	04	08	94%
	2013-14	10	10	04	06	100%
	2014-15	06	06	03	03	100%

Name of the Course/ Programme	Year	Applications received (DU/SVC)	Selected*	Enrolled		Pass percentage***
				** M	** F	
B.Com (Programme)	2010-11	13	13	06	07	100%
	2011-12	16	16	09	07	95%
	2012-13	16	16	09	07	98%
	2013-14	10	10	04	06	96%
	2014-15	09	09	03	06	100%

27. Diversity of Students:

Kindly refer Table 3 of SSR

28. How many students have cleared National and state competitive examinations such as NET, SLET, GATE, Civil services, etc.?

YEAR→	2010-11		2011-12		2012-2013		2013-2014	
	Net/ JRF	GAT E	Net/ JRF	GAT E	Net/ JRF	GAT E	Net/ JRF	GAT E
B.A (Prog)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
B.Com (Prog)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

29. Student progression:

Presently the department does not have any records.

30. Details of Infrastructural facilities:**a) College Library:**

The Telugu section of the college library contains more than 5000 books and is well equipped with works rarely available even in the famous libraries of Andhra Pradesh and Telangana. Two Telugu dailies,

b) Internet facilities for Staff & Students:

The department utilizes the Internet facilities provided by the college in the Information and Communication Technology Centre (ICT) of

the college for its staff and students. The ICT has well equipped separate Faculty staff room as well as students laboratory with Wi-Fi and Printer facility. The department was provided with a Laptop and Wi-Fi connection for the purpose of Academics and Research.

- c) **Class rooms with ICT Facility:**
Around 20 classrooms are equipped with ICT facility in the college. The department of Telugu utilizes these rooms for teaching programmes involving Power Point presentations.

- d) **Laboratories:**
Not Applicable.

31. **Number of students receiving financial assistance from college, university, government or other agencies:**

Year	No. of students
2010-2011	-
2011-2012	-
2012-2013	01
2013-2014	01
2014-2015	01

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

Celebrated scholar Dr. H.S. Brahmananda, Emeritus Professor, SK University, Anantapur delivered a lecture on *The Guru – Sishya affinity in Indian Culture* on 10 March, 2011.

33. **Teaching methods adopted to improve student learning:**

- (a) Traditional method using Board and Chalk.
- (b) Power Point Presentation and Group Discussion.
- (c) Audio Visual aids (films and videos on subject related topics).
- (d) Case Study Method.
- (e) Group Discussion Method.
- (f) Cooperative Learning.
- (g) Practice for Creative Writing.
- (h) Practice for Article Writing.

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:**

Nil.

35. **SWOC analysis of the department and future plans:**

- (a) **Strength:**

The teachers in the department are well qualified and experienced. They are renowned in their areas of specialization and published books and Articles regularly and won many Awards for their contribution to literature and excellence in teaching. Students from various states and with diversified backgrounds exemplify the unity in diversity in the college.

(b) **Weakness:**

In the absence of Post Graduate studies for Telugu at the Department of Modern Indian Languages at Delhi University, many talented Telugu students go into diverse streams at various places. Introduction of Telugu Honours Course at college and PG at the University of Delhi would help them pursue their chosen subject in future.

(c) **Opportunity:**

The department takes pleasure in directing students to higher studies in India and abroad, and venture into fields like Print & Visual Media and Mass Communications, publication of Articles and books and, entering various competitive examinations and Government service. The training in Telugu provides them with an opportunity to excel in these areas and to come up well in life.

(d) **Challenges:**

The main challenge before the department is to motivate students to opt for Telugu as one of the subjects for study in Undergraduate Courses and to enable them to take up jobs in fields like Mass Communications, Translation and other such areas directly related to their study.

(e) **Future Plan:**

The department intends to reach a wider range of interested students and enthusiasts to promote Telugu studies in Delhi and request the college authorities, Delhi University and Tirumala Tirupati Devasthanams management to introduce (a) Certificate & Diploma Courses in Telugu for non-Telugu students, (b) Certificate & Diploma Courses for Telugu knowing adults; and (c) B.A. Honours Course in Telugu for those interested in specialized study.

EVALUATIVE REPORT OF DEPARTMENT OF ZOOLOGY

- 1. Name of the department:** Zoology
- 2. Year of Establishment:** 1973
- 3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
The Zoology Department offers following Programmes /Courses:
 - a) B. Sc. (Honours) Zoology
 - b) M.Sc. Zoology
- 4. Names of Interdisciplinary courses and the departments/units involved**
Department of Zoology participates in the teaching of following courses along with the Department of Botany, Chemistry and Biochemistry.
 - a) B. Sc. Programme, Life Sciences
 - b) B. Sc. (Honours) Biological Sciences
- 5. Annual/ semester/choice based credit system (programme wise)**
UG First Year: CBCS; Second Year: TYUP; Third Year: Roll back FYUP
- 6. Participation of the department in the courses offered by other departments**
Department of Zoology has been participating in the following courses offered by the respective departments:
 - a) B.Sc. (Hons.) Botany
 - b) B.Sc. (Hons.) Chemistry
 - c) Environmental studies as compulsory paper to all the students of B.Sc./ B.Com./ B.A. programmes of college w.e.f. academic session 2014-15 onwards.
- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.**
Presently nil.
- 8. Details of courses/programmes discontinued (if any) with reasons**
Presently nil.
- 9. Number of Teaching posts**
Kindly refer Table 7 of SSR
- 10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)**
The details of faculty profile are tabulated below:

Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for last 4 years
Late Dr. Sarath Chandra n	M.Sc., Ph.D.	Associate Professor	Toxicology, Physiology	35	-
Dr. K. V. Giri	M.Sc., Ph.D.	Associate Professor (Retired)	Biochemistry	36	-
Dr. R.K. Saxena	M.Sc., Ph.D.	Associate Professor (Retired)	Cell Biology	40	-
Mrs. Ramaa Sinha	M.Sc.	Associate Professor	Reproductive Biology, Chordata	40	-
Dr. V.V.S.N. Rao	M.Sc., Ph.D.	Associate Professor	Parasitology, Toxicology	36	-
Dr. P.S. Dhanaraj	M.Sc., Ph.D.	Associate Professor	Cell Biology, Microbiology	28	-
Dr. Anita Verma	M.Sc., M.Phil., Ph.D.	Associate Professor	Entomology, Toxicology	24	-
Dr. Vartika Mathur	M.Sc., M.Phil., Ph.D.	Assistant Professor	Entomology, Ecology, Environmental management	10	01 (ongoing)
Dr. Om Prakash	M.Sc., Ph.D.	Assistant Professor	Fish Biology, Proteomics	09	01 (ongoing)
Dr. Ajaib Singh*	M.Sc., Ph.D.	Assistant Professor	Molecular Biology	07	-
Dr. Rajendra Phartyal*	M.Sc., Ph.D.	Assistant Professor	Fish Biology, Proteomics	07	-
Dr. Mansi Verma*	M.Sc., Ph.D.	Assistant Professor	Bioinformatics, Molecular Biology	04	-
Dr. P. Jayaraj*	M.Sc., Ph.D.	Assistant Professor	Reproductive Biology, Cancer Biology	03	-
Dr. Kh. Bronson Kumar*	M.Sc., Ph.D.	Assistant Professor	Fish Biology	8 months	-
Dr. Riyaz Bakshi*	M.Sc., Ph.D.	Assistant Professor	Physiology, Fish and fisheries	3 years	-
Ms. Vagisha Rawal*	M.Sc., M.Phil., Ph.D. (submitted)	Assistant Professor	Entomology	2 months	-

*Presently working Adhocs.

11. List of senior visiting faculty

Presently nil.

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

The required details are tabulated below

Programme	Percentage of classes (theory and practicals) handled by temporary/ad-hoc faculty
B.Sc. (H) Zoology	Each temporary faculty member is assigned full workload as per the university norms
B.Sc.(P) Life Science	
B.Sc. (H) Biological Sciences	
B.Sc. (H) Chemistry/ B.Sc.(H) Botany	

13. Student -Teacher Ratio (course wise)

Total No. of Teachers: 13		Total No. of Students			Total	Ratio
S. No.	Class/ Subject	I Yr.	2 nd Yr.	3 rd Yr.		
1.	B.Sc. (H) Zoology	26	33	38	97	In Hons. Course- 1:08
2.	Generic Elective	20	--	--	11	Other than Hons Course 1:24
3.	B.Sc. (H) Biological Science	24	45	---	69	
4.	B.Sc. Life Science	124	105	---	229	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : The required details are tabulated:

YEAR→ POSTS ↓	09-10		10-11		11-12		12-13		13-14	
	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted	Sanctioned	Filled/ Promoted
Technical Assistant	1	1	1	1	1	1	1	0	1	0
Lab Assistants	-	6	-	6	-	6	-	6	-	6
Lab Attendants	12	6	12	6	12	6	12	6	12	6

15. Qualifications of teaching faculty with DSc./ D.Litt/ Ph.D/ MPhil / PG.

No. of faculty members with Ph.D. = 11

No. of faculty members with MPhil = 01

No. of faculty members with PG = 01

Please refer to point no. 10 for details.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

No. of faculty members with ongoing National Projects = 06

No. of faculty members with ongoing International Projects = 01

Please refer to point no. 17 for details.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received**Undergraduate Innovative Projects:** Kindly refer to Table 8 of SSR**Research Projects :**

Name of faculty member	Project	Title of the project	National/ International	Funding Agency	Grant Amount	Tenure
Individual Research Projects						
Dr. Rajesh Saxena	UGC Major Research Project	Studies on Macronuclear Genome and Molecular Phylogeny of Genus <i>Blepharisma</i>	National	UGC	7,74,800	2008 – 2012
Dr. Vartika Mathur	Research-training fellowship for developing country scientists (RTF-DCS)	Effect of biofertilizers on the constitutive and induced responses of tomato (<i>Lycopersicon esculentum</i>)	International	NAM S&T Centre-DST	2,70,000	2015
	SERB Startup grant	Fortification of Indian mustard by growth promoting	National	SERB-DST	23,00,000	2014 – 2017

		bacteria through priming				
	UGC Major Research Project	Induced response of Indian mustard (<i>Brassica juncea</i>) - an ecogenomic approach	National	UGC	9,82,000	2011 – 2014
	Netherlands Fellowship Programme	Temporal dynamics of molecular, chemical and morphological induced responses in Indian Mustard (<i>Brassica juncea</i>)	International	Nuffic, the Netherlands	74,000 euros	2008 – 2012
	UGC Major Research Project	Induced response of Indian mustard (<i>Brassica juncea</i>) and its effect on Tobacco cutworm (<i>Spodoptera litura</i>)	National	UGC	11,33,000	2008 – 2010
Dr. Om Prakash	Major Research Project	Development of a sensitive immunoassay to analyze the health status of the fish	National	UGC	9,18,700	2009 - 2012

18. Research Centre /facility recognized by the University

Presently nil.

19. Publications:

The details of publications and books authored by faculty members from 2010-15 are given:

Faculty Name	Books/Chapters Authored	Title	ISBN number
Dr. R. K. Saxena	Book	Comparative Anatomy of Vertebrates (Dr. R.K. Saxena and Dr. Sumitra Saxena), Published by Viva Books Private Limited, 2008. (Revised edition 2010, 2014)	ISBN-10: 81-309-0402-0; ISBN: 978-81-309-1576-0 ISBN: 978-81-309-3000-8
	Book	The Adaptations (Dr.R.K.Saxena and Dr. Sumitra Saxena). Published by Viva Books Private Limited, 2015.	ISBN-978-81-309-3012-1
Dr. Vartika Mathur	Book	Mathur, V. (2012). Temporal dynamics of induced responses in <i>Brassica juncea</i> . Wageningen University, Wageningen, NL, with references, and summaries in Dutch and English.	ISBN 978-94-6173-308-5.
	Book	Mathur, V. (2010). Environmental Ecology and Field Biology: Applied aspects. IK Publishing House, New Delhi, India. ISBN 10: 9380578229;	ISBN 13: 9789380578224
Dr. Mansi Verma	eChapter	Verma, M. (2015). Nucleic Acids: DNA I. in Molecular Biology. Virtual learning	ISBN: 2349-154X
	eChapter	Verma, M. (2015). Nucleic Acids: DNA II. in Molecular Biology. Virtual learning http://vle.du.ac.in/mod/book/view.php?id=12575	ISBN: 2349-154X

Faculty Name	Publications	ISSN	Impact Factor
Dr. P.S. Dhanaraj	Dubey, M., Yadav, G., Kapuria, A., Muralidharan, M.S., Lal, D., Lal, R., Dhanaraj, P.S. , and Verma, M. 2014. Exploring bacterial diversity from contaminated soil samples from river Yamuna. Microbiol. 83: 585-588.	0026-2617	0.65
Dr. Vartika Mathur	Mathur, V. , Tytgat, T.O.G., Reddy, A.S., Vet, L.E.M. and van Dam, N.M. (2014). Temporal specificity in insect- induced responses of <i>Brassica juncea</i> (Brassicaceae). Biojournal 9: 1-21.	0970-9444	-
	Mathur V. , Tytgat, T.O.G., Hordijk, C.A., Harhangi, H.R., Jansen, J.J., Reddy, A.S., Harvey, J.A., Vet, L.E.M. and van Dam, N.M. (2013). An ecogenomic analysis of herbivore induced plant volatiles in <i>Brassica juncea</i> . Molecular Ecology 22: 6179-6196	1365-294x	6.275
	Mathur, V. , Wagenaar, R., Caissard, J. C., Reddy, A. S., Vet, L. E. M., Cortesero, A. M. and van Dam, N. M. (2013). A novel indirect defence in Brassicaceae: Structure and function of extrafloral nectaries in <i>Brassica juncea</i> . Plant, Cell and Environment 36: 528-541. (Cover page article of the issue)	1365-3040	5.135
	Mathur, V. , Tytgat, T.O.G., de Graaf, R., Kalia, V., Reddy, A.S., Vet, L.E.M. and van Dam, N.M. (2013). Dealing with double trouble: Consequences of single and double herbivory in <i>Brassica juncea</i> . Chemoecology 23: 71-82.	0937-7409	1.945
	Mathur, V. , Ganta, S., Raaijmakers, C. E., Reddy, A. S., Vet, L. E. M. & van Dam, N. M. (2011) Temporal dynamics of herbivore-induced responses in <i>Brassica juncea</i> and their effect on generalist and specialist herbivores. Entomologia Experimentalis Et Applicata 139(3): 215-225.	1570-7458	1.669
Dr. Om Prakash	K.V., Rani, K.V., Sehgal, N and Om Prakash. 2014. Enhanced disease resistance in the Indian snakehead, <i>Channa punctata</i> against <i>Aeromonas hydrophila</i> , through 5 % feed supplementation with <i>F. benghalensis</i> (aerial root) and <i>L. leucocephala</i> (pod seed). Aquaculture International . DOI 10.1007/s10499-014-9870-7.	1573-143X	
	Om Prakash, Sehgal N., Rani, K.V. and Aggarwal, N. 2013. Isolation, purification and characterization of the egg yolk-proteins from the oocytes of the Indian freshwater murrel, <i>Channa punctatus</i> (Bloch). Indian Journal of Experimental Biology . 51: 411-420.	0975-1009	0.75
	K.V., Rani, K.V., Sehgal, N and Om Prakash. 2012. Immunostimulatory response induced by supplementation of <i>Ficus benghalensis</i> root powder, in the artificial feed the Indian freshwater murrel, <i>Channa punctatus</i> . Fish and Shellfish Immunology ,	1050-4648	3.0

	33(3): 590-596.		
	K.V., Rani, K.V., Sehgal, N and Om Prakash. 2012. Immunostimulatory effect of artificial feed supplemented with indigenous plants on <i>Clarias gariepinus</i> against <i>Aeromonas hydrophila</i> . Fish and Shellfish Immunology . http://dx.doi.org/10.1016/j.fsi.2013.09.029 .	1050-4648	3.0
	Om Prakash, Goswami, S.V., Sehgal, N.2011. Temperature and temporal modulated, dose dependent response of estradiol-17 β on the induction of vitellogenin and choriogenin in <i>Channa punctatus</i> . Indian J. Sci. Technol. , 9th ISRPF Issue. Vol. 4 No. S 8. ISSN: 0974- 6846.	0974-6846	-
Dr. Mansi Verma	Dubey, M., Yadav. G., Kapuria, A., Muralidharan, M.S., Lal, D., Lal, R., Dhanaraj, P.S., and Verma, M. 2014. Exploring bacterial diversity from contaminated soil samples from river Yamuna. Microbiol. 83: 585-588.	0026-2617	0.65
	Verma, M., Lal, D., Saxena, A., Anand, S., Kaur, J., Kaur, J., and Lal, R. 2013. Understanding alternative fluxes/effluxes through comparative metabolic pathway analysis of phylum actinobacteria using a simplified approach. Gene. 531: 306-317.	0378-1119	2.196
	Verma, M., Lal, D., Kaur, J., Saxena, A., Kaur, J., Anand, S. and Lal, R. 2013. Phylogenetic analyses of phylum actinobacteria based on whole genome sequences. Res. Microbiol. 164: 718-728.	0923-2508	2.889

20. Areas of consultancy and income generated

Presently Nil.

21. Faculty as members in

a) Editorial Boards -01

1. **Dr. Vartika Mathur-** Editorial Board Member of *Biojournal*.

22. Student projects

a. Percentage of students who have done in-house projects including interdepartmental/programme

S.No	Course	Year	Project	No. of Students	No. of Students (%)
1.	B.Sc. (Hons.) Zoology	2011-2012	DBT Star College Project	05	21
			Environmental Studies Project under University Curriculum		100
		2012-2013	DU Innovative Project	06	13
			DBT Star College Project	05	21
			Environmental Studies Project under University Curriculum	16	100
			Applied Zoology Project	08	100

			under University Curriculum		
		2013-2014	DBT Star College Project	23	100
			DU Innovative Project	15	17
			Environmental Studies Project under University Curriculum	08	100
			Applied Zoology Project under University Curriculum	10	100
		2014-2015	DBT Star College Project	23	100
			DU Innovative Project	10	17
			Environmental Studies Project under University Curriculum	19	100
			Applied Zoology Project under University Curriculum	04	100
2.	B.Sc. (H) Biological Sciences	2012-2013	DBT Star College Project		
			DU Innovative Project	01	
		2013-2014	DU Innovative Project	06	
		2014-2015	DU Innovative Project	06	
3.	B.Sc. Life Sciences	2012-2013	DU Innovative Project	01	
		2012-2013	Food, Nutrition and Health Project under University Curriculum	106	100
		2014-2015	Food, Nutrition and Health Project under University Curriculum	180	100
		2014-2015	Antioxidants released by Plants	3	3

b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

S.NO.	COURSE	Year	Total no. of students	Percentage of students
1.	B.Sc. (Hons.) Zoology	2014-2015	15	15%
2.	B.Sc. Life Sciences	2014-2015	9	9%

a) Awards / Recognitions received by faculty and students

Faculty Awards: Kindly refer Criteria III, Section 3.12

Awards/ Recognitions received by students:

S.No.	Medal	Year	No. of students receiving the medal
1.	Balaji Gold Medals(10 Grams Each)	2011-2012	1
		2012-2013	1
2.	Student Union Merit Awards	2012-2013	1
3.	Balaji Merit Medal	2009-2010	2
		2011-2012	1
		2012-2013	1
		2013-2014	1
4.	Bharatula Savitri Memorial Prize	2009-2010	1
		2011-2012	1
		2012-2013	1
		2013-2014	1
5.	Mrs. P. Gupta Meritorius Awards	2011-2012	2
		2012-2013	2
		2013-2014	4
		2011-2012	1
		2012-2013	1
		2013-2014	1

Other Rank Holders in the University of Delhi and University of Delhi (South Campus)

S.No.	Year		No. of Ranks					
			Delhi University			South Campus		
			1 st	2 nd	3 rd	1 st	2 nd	3 rd
1.	2010-2011	III	-	-	-	-	-	-
		II	-	-	-	-	1	-
		I	-	-	-	1	-	-
2.	2011-2012	III	1	-	-	1	-	-
		II	1	-	-	1	-	-
		I	-	-	-	-	-	-
3.	2012-2013	III	1	-	-	1	-	-
		II	-	-	1	1	2	-
		I	1	-	-	1	-	-
4.	2013-2014	III	-	-	-	1	-	-
		II	-	-	-	-	1	-
		I	-	-	-	-	-	-

b) List of eminent academicians and scientists / visitors to the department

S.No.	Name	Institution	Date of visit
1.	Prof. Rup Lal	Department of Zoology, University of Delhi	12 th October, 2011 6 th February, 2013
2.	Prof. Randeep Guleria	Department of Pulmonary Medicine and Sleep Disorders at AIIMS	12 th October, 2011
3.	Dr. Shikha Sharma	renowned dietician, Private practice	16 th October, 2012
4.	Dr. Jessica McLean	International affairs, ASM, Washington DC	6 th February, 2013
5.	Dr. Rama Jayasundar	Department of NMR, AIIMS	4 th October, 2013
6.	Dr. Satyabhama Das Biju	Department of Environmental Studies, University of Delhi	12 th March, 2015
7.	Dr. Heera P.	Max SuperSpeciality Hospital	12 th March, 2015

c) Seminars/ Conferences/Workshops organized & the source of funding a) National b) International

Workshops

1. Organized “**Workshop for Laboratory Staff in Chemical and Life Sciences**” under DBT-sponsored Star College Programme at Sri Venkateswara College, University of Delhi (South Campus) (March 5, 2012 to March 6, 2012).

2. Organized a virtual workshop on “**Scientific Writing and Publishing**” by the virtual speaker Dr. Larry McDaniel (University of Mississippi Medical Centre) in collaboration with American Society of Microbiology (ASM)- sponsored by Delhi University Innovation Project (6th February, 2013).

Conferences

1. Organized National Symposium entitled “**Recent Trends in Innovative Research at Undergraduation: Science and Society**” from 28th Feb-2nd March, 2013 at Sri Venkateswara College, University of Delhi.

2. National Conference on **Ecology and Environment management: Indian Scenario**, February 2011, Department of Zoology, Sri Venkateswara College, University of Delhi.

Memorial Lectures delivered by subject experts

- 1st Sarath Chandran Memorial Lecture delivered by Prof. Rup Lal, Department of Zoology, University of Delhi and Prof. Randeep Guleria, (Padma Shri in the field of Medicine, 2015), Department of Pulmonary Medicine and Sleep Disorders at AIIMS on 12th October, 2011.
- 2nd Sarath Chandran Memorial Lecture”, lecture delivered by Dr. Shikha Sharma, the renowned dietician, on the topic “Integrated Health” on 16th October, 2012.
- 3rd Sarath Chandran Memorial Lecture delivered by Dr. Rama Jayasundar, Department of NMR, AIIMS on the topic “Systems Biology Approach of Ayurveda” on 4th October, 2013.
- 4th Sarath Chandran Memorial Lecture delivered by Dr. Satyabhama Das Biju, Department of Environmental Studies, University of Delhi on the topic “Life: Understanding with uncertain knowledge- halting human induced amphibian extinction” and by Dr. Heera P., Max Superspeciality hospital on the topic “Polycystic Ovarian Disease” on 12th March, 2015.

d) Student profile programme/course wise:

Name of the course/ programme	Year	Applications received (DU/SVC)	Selected Candidates in I year	Enrolled		Year	Pass %
				*M	*F		
B.Sc (Honours) Zoology (three year (annual/ semester) /four year programme)	10-11	By the central admission committee	45	14	31	I	96.45
						II	95.20
						III	100.00
	11-12	By the central admission committee	38	12	26	I	80.00
						II	96.15
						III	90.90
	12-13	By the central admission committee	30	6	24	I	100.00
						II	100.00
						III	84.00
	13-14	By the central admission committee	56	17	39	I	97.83
						II	100.00
						III	88.90
14-15	By the central admission committee				I		
					II		
					III	82.00	
M.Sc. Zoology (annual/ semester)	10-11	By the central admission committee	0	0	0	II	-
						III	-
	11-12	By the central admission	1	0	1	I	100.00
						II	100.00

		committee					
	12-13	By the central admission committee	1	0	1	I	100.00
						II	100.00
	13-14	By the central admission committee	6	1	5	I	100.00
						II	100.00

*M = Male; *F = Female

e) **Diversity of Students**

Kindly refer Table

f) **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?**

Not applicable.

g) **Student progression**

Student progression	Against % enrolled				
	10-11	11-12	12-13	13-14	14-15
UG to PG	-	11	12	9	12
PG to M.Phil	Department does not keep the track of all the alumni				
PG to Ph.D.					
Ph.D. to Post-Doctoral					
Employed					
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 					
Entrepreneurship/ Self-employment					

30. Details of Infrastructural facilities

a) **Library**

- **Departmental Library:** The Department of Zoology maintains its own departmental library having ~300 books encompassing different specializations from well-known Indian and Foreign authors and publishers. Students have access to these books throughout the academic session and during examination period.
- **College Library:** There is a separate section for Zoology books in the main library of the college with a collection of ~600 books. Zoology journals and magazines are also available in the main college library.

b) **Internet Facilities for staff & students**

Department uses the internet facilities provided by the college in Information and Communication Technology Centre (ICT) of the college

for its staff and students. ICT has well equipped separate Faculty staff room as well as student lab with Wi-Fi and printer facility.

c) Class rooms with ICT facility

Around 20 classrooms are equipped with ICT facility in the college. The Department of Zoology uses these rooms for teaching program involving power point presentations.

d) Laboratories

The Department has two well-equipped laboratories with latest instruments required as per student's curriculum such as centrifuge, pH meter, electrophoresis apparatus, horizontal laminar flow hood, shaker, -20 deep freezer, colorimeter, digital balance, compound binocular microscopes, dissecting microscopes etc. A separate sitting space for laboratory supporting staff is provided in each lab.

e) Museum

The Department's museum has a thoroughly modernized look with swanky glass cabinets fitted with internal lighting. It houses over 300 whole specimens, several skulls and skeletons, many of which had been purchased during the tenure of the first curator. The present curator, Mr. I. Govinda Rao, is dedicated to the job of upkeep and maintenance of the specimens.

31. Number of students receiving financial assistance from college, university, government or other agencies

Year	No. of students
2012-2013	B.Sc. (Hons.) Zoology -06
2013-2014	B.Sc. Zoology (Hons.) -04

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Apart from classroom teaching, the students are regularly evaluated by the external experts during their practical *viva voce*. Students fulfill their assignments as powerpoint presentations, group discussions, field trips, excursions, industrial visits etc.

Since 2011, the department has been organizing **Sarath Chandran Memorial** lecture series on an annual basis in the memory of our beloved colleague, Dr. K. Sarath Chandran, who succumbed to cancer in 2011 while in job. Keeping in mind his love for physiology, one of the invited expert is from the field of physiology and medicine.

Apart from academic progression, the department of Zoology organizes its annual festival '**Evolvere**', which not only includes popular lectures on current topics, but also other activities such as free health camp,

photography competition, paper presentations, and fun-filled activities like science-theme based rangoli, poster making competition etc. The students also get a platform to showcase their writing skills and creativity in the annual Zoological magazine ‘**Phoenix**’, the annual issue of which is released on the day of our annual festival. The magazine includes various scientific fictional and non-fictional contributions from students and teachers alike, bringing them to a common platform of exchanging thoughts and ideas freely.

Our department also provides students of not only BSc Zoology (Hons), but also various other courses, to get involved in multidisciplinary research projects which help them learn techniques and research methodologies. By way of these projects, students not only develop an aptitude for science, but also learn basic research ethics, problem solving, lateral thinking, independence as well as teamwork, which help them broaden their horizon beyond the classroom teaching and course curriculum.

Moreover, students are given opportunities to present their work in various National and International conferences. This helps them gain confidence and boldly face interviews. All-in-all, these activities help the students to acquire organizational skills.

(Details of workshops, conferences and lectures are already presented in point no. 25)

	Event	Duration	External experts	
Excursions	Kolad	19 th -23 rd October, 2013	-	
	Kolad	January 29 th -31 st , 2012	-	
	Narara Island, Marine Sanctuary, Jam Nagar, Gujarat and Rann of Kutchh, Wild Ass Sanctuary, Gujarat	27 th October -2 nd November, 2010	-	
	Manali	March, 2014	-	
	Jaisalmer	17 th -19 th December, 2014	-	
	Maharana Pratap Agriculture University, Udaipur	June, 2013	-	
	Tirumala Tirupati Devasthanams Students Exchange Programme		23 rd -28 th , January, 2014	Principal (Dr. Gnana Kumari), Sri Padmavati Women College
				Dr. M. Christopher, Principal, SV Arts College
<i>Shri O. Balaji</i> (F.A. & C.A.O., TTD)				
Executive Officer <i>Sri M.G. Gopal,</i>				

			(IAS) Joint Executive Officer Sri Sreenivasa Raju (IAS) Tirupati Joint Executive Officer Sri Pola Bhaskar (IAS) Tirumala
Lab Visits	Indian Agricultural Research Institute (IARI)-Entomology Department	Every year	Dr. Devyani (Systematist and Museum Incharge)
	All India Institute of Medical Sciences (AIIMS)		Prof. Seema Sen, RP Centre
	Department of Zoology, North Campus		Prof. Rup Lal, University of Delhi
Field trips	Yamuna Biodiversity Park, Wazirabad and Asola Bhatti	Every year for Environmental Studies project	
	Delhi Zoological Park	Every year for Environmental Studies project	
DBT Star College Project		Every year many students are working under DBT Star College projects	
Antardhwani Innovation Plaza		Delhi University organizes its annual fest Antardhwani where all the Innovative project students display their work annually	

33. Teaching methods adopted to improve student learning

1. Traditional Lecture Method using chalk and board
2. Interactive Method by conducting presentations and group discussions
3. Project based learning
4. Application based learning using softwares
6. Use of models and charts
7. Museum specimen study*
8. Educational and Industrial visits
9. Student seminars
10. Improvisation of the established protocols for practical exercises in the laboratory.

(*all the specimen stocked in our Zoology museum have been listed and declared to the Wild Life Authority of India)

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

In addition to regular academic activities, the students and the faculty regularly participate in social activities and programmes organised by the college societies namely “Equal Opportunity Cell” and “Parivartan”. A few of the students were also involved in “Teach for India” society. These societies work for the welfare of differently abled students and weaker sections of society.

The students of Applied Zoology (specialization in Reproductive Biology) have taken up several projects to make them responsible citizens in society. They are:-

- a) survey of college youth regarding their awareness of reproductive health and the availability-cum-use of contraceptives.
- b) the stage/class level in school when sex education was imparted
- c) a market survey conducted in each student's locality regarding the types of contraceptives stocked- a comparative study
- d) public demand and choice of contraceptives -information sourced by querying the pharmacist
- e) comparative study of costs of different brands of the same contraceptive
- f) body mass index versus irregularities in menstrual pattern
- g) mother to daughter differences in the age of menarche, based on changes in food habits, stress levels and lifestyle changes.

35. SWOC analysis of the department and Future plans

Strengths: The faculty members of our department are well qualified and experienced.

- a. The major strength of this department is that they are from different
- b. specializations which add on to the expertise required as per curriculum.
- c. Quite-a-few members are Gold Medalists.
- d. Many of the members have visited foreign shores for presenting their work or as part of Delhi University Teachers' Development Programme.
- e. Faculty-student interaction is given a greater thrust as it develops bonding and enhances learning. The students are given opportunity to express their innovative ideas in their own words.
- f. Some of the faculty members actively involved in research are extending summer internship to outside candidates.

Weaknesses:

- a. **Constraint of time:** student-teacher interactions can be intensified with better planning and time management so that we may be able to whip up the potentials of the good students.
We need to put in extra efforts with weaker/ inhibited students to make them realize their potential too.

- b. **Ban on dissections:** a blanket ban on animal dissections has caused a heavy toll in our teaching methodologies where it is desirable to associate anatomy with physiology. Several aspects of the curriculum have been seriously impaired by this loss.
The authorities who imposed the ban have not provided us the softwares promised by them to fill the lacuna. Nor are there quality softwares available that meet with our high standards.
- c. **Imbalance in course curriculum:** some topics related to classical zoology are extremely overshadowed as compared to the modern topics which are dealt with at a very advanced level without adequate background information.

Opportunities: The teaching staff is capable of bringing in many opportunities for the welfare of students. Many faculty members have Delhi University Innovative Projects, DBT Star College projects and various other projects funded by many renowned funding agencies. At undergraduate level, students get the opportunity to work on various research projects. Our students have a competitive edge over the others in seeking admissions in various universities both in India and abroad.

Challenges: The department admits students from different backgrounds (different schools, medium of instructions, social status), some being very bright and some being just average. The faculty puts in every effort in bridging this gap and bringing them upto a level so that they have no inhibitions and complexes.

Future Plans:

- a. The staff is **competent to guide** students for Ph.D.
- b. The department is trying to **collaborate with the foreign universities** for their Exchange programmes.
- c. The teachers are looking forward for the opportunities to undergo **short-term exchange programmes** with other International and National Universities.
- d. The students may serve as resource persons **volunteering to impart sex education** in schools. This exercise needs permission to be sought by the head of the institution from the school authorities to allow the students for the same.

Table 1: Programs Offered by the College, Academic Year (2015-16)

<i>S. No.</i>	<i>Program Level</i>		<i>Name of the Program/ Course</i>	<i>Duration</i>	<i>Entry Qualification</i>	<i>Medium of Instruction</i>	<i>Sanctioned/ Approved Student Strength</i>	<i>No. of Students Admitted</i>
1.	Under Graduate	B.A. (Hons)	Economics	03 Years	10 + 2	English	39	79
2.			English	03 Years	10 + 2	English	39	75
3.			Hindi	03 Years	10 + 2	Hindi	46	62
4.			History	03 Years	10 + 2	English/ Hindi	39	98
5.			Political Science	03 Years	10 + 2	English/ Hindi	39	75
6.			Sanskrit	03 Years	10 + 2	English/ Hindi/ Sanskrit	39	52
7.			Sociology	03 Years	10 + 2	English/ Hindi	39	65
8.		B.Sc. (Hons)	Biochemistry	03 Years	10 + 2	English	39	39
9.			Biological Science	03 Years	10 + 2	English	46	39
10.			Botany	03 Years	10 + 2	English	31	43
11.			Chemistry	03 Years	10 + 2	English	62	71
12.			Electronics	03 Years	10 + 2	English	39	42
13.			Mathematics	03 Years	10 + 2	English	92	99
14.			Physics	03 Years	10 + 2	English	39	75
15.			Statistics	03 Years	10 + 2	English	31	37
16.			Zoology	03 Years	10 + 2	English	31	26
17.		B.Com.	B. Com (H)	03 Years	10 + 2	English	92	97
18.			B.Com (Prog.)	03 Years	10 + 2	English	92	107
19.			B.A. (Prog.)	03 Years	10 + 2	English/ Hindi	92	112
20.			B.Sc. Life Science	03 Years	10 + 2	English	123	123

Table 1: Programs Offered by the College, Academic Year (2015-16)

<i>S. No.</i>		<i>Name of the Program/ Course</i>	<i>Duration</i>	<i>Entry Qualification</i>	<i>Medium of Instruction</i>	<i>Sanctioned/ Approved Student Strength</i>	<i>No. of Students Admitted</i>
21.	Post Graduate	English	02 Years	UG	English	23	26
22.		History	02 Years	UG	English/ Hindi	31	34
23.		Sanskrit	02 Years	UG	English/ Hindi/ Sanskrit	31	21
24.		Botany	02 Years	UG	English	15	0
25.		Chemistry	02 Years	UG	English	31	16
26.		Mathematics	02 Years	UG	English	23	24
27.		Physics	02 Years	UG	English	15	18
28.		Statistics	02 Years	UG	English	31	21
29.		Zoology	02 Years	UG	English	15	07
30.		Vocational Course	P.G. Diploma in Biochemical Technology	01 Years	UG	English	31
31.	Tourism and Travel Management		01 Years	10 + 2	English/ Hindi	62	10
32.	Foreign Language Course	Certificate Course in German Language	01 Years	10 + 2	English/ German	31	39
33.		Diploma Course in German Language	01 Years	10 + 2	English/ German	31	12
Grand Total:							1672

The course **Bioinformatics and Computational Biology** is discontinued from the last six years, due to the changes at DU, i.e. semester scheme, TYUP, FYUP, CBCS etc., because this paper has been incorporated in the main stream of DU Syllabi. The expert committee, designed by the college authorities designing the new syllabus for this course and soon it will come in the main stream of Add-on courses at SVC.

Table 2: Minimum and maximum cut-off percentage of marks for admission at entry Level & Comparison with other colleges of DU Academic Year (2015-16)

Course	Category	SVC		ARSD		Aryabhata		Bharti		IP College	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
B.A.(Prog.)	GEN	93	89	91	84.25	87	76	80	78	96	82
	OBC	88	81	89	72.75	85	61	70	66	92.5	56
	SC	86	81	87	78	84	66	75	71	91	67
	ST	86	77	87	65	84	58	75	52	88	60
	PwD	86	72	87	62	84	63	75	52	93	83.5
		SVC		DRC		GARGI		RLA		DSC	
	Category	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
B.COM(H)	GEN	97.5	96.25	97	95.5	97	95.25	97	94.5	96	96
	OBC	96.5	91	94	89	92	83	95	78	90	80
	SC	95	85.75	88	81.5	92	80	92	71	86	76
	ST	92.5	70	88	64	88	72	92	66	82	55
	PwD	95	76	90	65	88	88	92	66	75	60
		SVC		DRC		GARGI		RLA		DSC	
	Category	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
B.COM(P)	GEN	96.5	95.75	96.5	95	96	94.25	96	91.5	94	94
	OBC	95.5	92.5	93.5	92.75	91	79	94	80	88	83
	SC	93.5	86	88	87.5	91	79	90	70	84	75

	ST	91.5	83.75	88	79.5	86	69	90	65	82	63
	PwD	94	80	90	67	86	86	90	65	72	68
		SVC		DRC		SC		DBC		IHE	
	Category	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
Bio-chemistry (H)	GEN	96	91	92	92	94	87	83	82	90	83
	OBC	94	75	90	90	92	78	80	77.5	85	74.25
	SC	92	73	90	90	90	68	78	72.5	85	66
	ST	91	60	90	90	90	55	77	59	85	61
	PwD	90	60	88	88	90	45	80	70	85	50
		SVC		ZHC		ANDC		DDU		KMC	
	Category	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
Botany (H)	GEN	90	90	81	81	87	85	90	88.3	95	90
	OBC	89	85	79	79	82	79.3	85	80	92	85.33
	SC	86	73	76	75	77	75	80	76	91	79
	ST	84	77	76	67	70	68	72	60	89	77
	PwD	81	62	77	55	65	45	70	35	85	65
		SVC		ANDC		ARSD		GARGI		RAMJAS	
	Category	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
Chemistry (H)	GEN	96	94.33	94	93	96	92.67	95	94	96	95
	OBC	95.33	89.67	89	87.33	95	89	91	91	94	92
	SC	94.33	75	80	80	93	78	89	81	93.5	83
	ST	94.33	71	70	68	88	50	89	80	93.5	56
	PwD	94.33	65	70	45	88	55	60	60	93.5	56

	Category	SVC		DRC		DCAC.		DB		ZHC	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
Economics (H)	GEN	97	95.75	97	95.5	97	95.25	92	92	94	94
	OBC	95.5	92	94	81.5	95	85	85	80.5	89	82
	SC	94.5	82	88	68	92	76	75	68.5	86	71
	ST	93.3	75	88	60	82	74	73	62.5	86	67
	PwD	94.5	79	90	68	94	74	82	76	89	57
	Category	SVC		ARSD		HRC		RC		KM	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
Electronics (H)	GEN	96.67	93	96	90	97	95	90	90	95	88
	OBC	96	87	94	83	95	91.33	87	85	91	84
	SC	93	76	90	72	93.66	85	80	78	85	70
	ST	91	70	90	50	92	74	70	55	75	55
	PwD	93.33	69	90	55	92	88	70	60	75	55
	Category	SVC		RLA		DDU		DRC		DSC	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
English (H)	GEN	95	95	92	90	95	92.25	96	94	96	94
	OBC	92	84.5	87	78	91	79	91	84.5	93	80
	SC	89	84	87	76	87	80	91	83	91	79
	ST	89	89	87	75	84	77	91	75	92	75
	PwD	88	88	87	77	80	60	91	77	80	70
	Category	SVC		ARSD		SHIVAJI		HRC		MH	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%

		%	%	%	%	%	%	%	%	%	
B.A. HINDI (H)	GEN	77	77	78	76	82	78	87	85	85	84.5
	OBC	76	75	73	68	80	72	86	78	80	78.5
	SC	75	74.5	73	72	78	74	85	77	80	79
	ST	75	64	73	59	78	45	85	49	78	71
	PwD	75	74	73	72	78	45	85	85	85	85
		SVC		ARSD		SHIVAJI		HRC		MH	
	Category	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
HISTORY (H)	GEN	92	92	90	88	86	84	96	94.25	95	95
	OBC	86	86	88	73	84	73	92	86.5	90	90
	SC	85	85	86	78	82	76	90	90	87	87
	ST	85	85	86	70	82	66	91	91	90	90
	PwD	84	84	86	60	82	65	90	90	88	88
		SVC		DRC		DDU		Maitreyi		Shivaji	
	Category	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
B.Sc. (P) Life Science	GEN	87	86	95	85	89	84	82	82	86	82
	OBC	84	74.33	94.33	74	83	76	80	74.33	84	74
	SC	81	68	93	69.66	75	68	80	67.33	82	70
	ST	80	63	88	66	72	60	80	60	82	55
	PwD	81	57	93	62	65	40	80	78	82	45
		SVC		AND		ARSD		DRC		Kalindi	

	Category	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
Mathematics (H)	GEN	97	94.25	96	91.5	96	94	96	93.25	92	89.5
	OBC	95	92.25	92	89	95	88.5	94	88	88	87
	SC	92	87	85	82.5	94	76	90	69	86	78
	ST	91	66	75	73	93	50	87	61	82	68
	PwD	91	65	70	65	91	55	90	71	82	66

	Cate-gory	SVC		ANDC		ARSD		GARGI		RAMJAS	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %
PHYSICS (H)	GEN	96.67	94.67	96	94	96	91.67	96	94.33	96.66	94.66
	OBC	95	93.33	92	91.33	94	91.33	91	91	95	94
	SC	91	84.67	85	76	90	77	89	78	92	88.33
	ST	91	78	72	68	90	47	89	74	90	70
	PwD	91	72	70	70	90	55	60	57	90	72

	Cate--gory	SVC		ARSD		KNC		DRC		Ramjas	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
Political Science (H)	GEN	94.75	94.75	93	91	94	90	93	93	97	97
	OBC	89	89	89	83.5	89	75	88	84.5	94	91.5
	SC	88	88	89	82.5	89	81	88	87	93	92.5
	ST	87	87	87	76	89	75	88	87.5	94	90
	PwD	90	90	89	76	89	69	83	82.5	92	92

	Cate--gory	SVC		DRC		Gargi		Bharti		Deshbandhu	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
B.A.(H) Sanskrit	GEN	58	57	58	57.5	50	48	60	45	55	52
	OBC	56	51	58	47	45	45	50	45	53	46
	SC	55	53.5	56	48	45	45	55	45	50	45
	ST	55	42	56	45	45	45	55	45	50	45
	PwD	54	42	56	45	45	45	55	45	53	45
	Cate--gory	SVC		JDM		MH		KNC		Maitreyi	
		Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min %	Max %	Min%
Sociology (H)	GEN	92	90.5	88	86	95.5	94.75	93	89.75	90	87
	OBC	88	82	86	69	93	85	88	68	85	70
	SC	86	77.5	83	69.5	91	83.5	88	67	85	70
	ST	85	80	83	81	92	91.5	88	75	85	78
	PwD	87	77	83	68	94	90	88	67	85	85
	Cate--gory	SVC		Hindu		Kirorimal		LSR		PGDAV	
		Max %	Min %	Max %	Min %	Max %	Min%	Max %	Min %	Max %	Min %
Statistics (H)	GEN	97	95	97.75	96.25	97	95-95.5	97.25	95.75	94	94.5
	OBC	95	88.75	97	93.75	95	89.75-90.5	97	91	89	82
	SC	91	77.75	96	84	94	79.5-80.5	95.25	84.5	89	69

	ST	90	70	93.5	78	90.5	66-68	94	84	89	64
	PwD	91	70	93.5	79	93	62-65	93.5	65	79	54
		SVC		DRC		DDU		Maitreyi		Shivaji	
	Cate--gory	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min%
		%	%	%	%	%	%	%	%	%	
Zoology (H)	GEN	94	93	93	91	92	91.66	90	89	93	89.66
	OBC	92	86	91	87	87	81.66	88	86.33	91	84
	SC	90	78	89	80	82	81.66	88	78	89	76
	ST	87	76	85	78.66	74	70	88	70.66	89	60
	PwD	85	68	90	90	70	67	88	87	89	45

ABBREVIATIONS:

ANDC	Acharya Narendra Dev College
DBC	Desh Bandhu College
DCAC	Delhi College of Arts & Commerce
DDU	Deen Dayal Upadhyaya College
DRC	Daulat Ram College
DSC	Dyal Singh College
HRC	Hansraj College
IHE	Institute for Home Economics
JDM	Janki Devi Mahila College
KM	Keshav Mahavidyalaya College
KMC	Kirorimal College
KNC	Kamala Nehru College
LSR	Lady Shri Ram College
MH	Miranda House
RC	Rajdhani College
RLA	Ram Lal Anand College
SC	Shivaji College
SVC	Sri Venkateswara College
ZHC	Zakir Hussain College

Table 3: Diversity of Students within Sri Venkateswara College

2014-2015

S. No.	Name of the Courses	Total No. of Students			Other than Delhi	From Delhi	Foreign Students	Other than Delhi	From Delhi	Foreign Students
		Male	Female	Total	Total No. of Students			Percentage of Students		
1	B.A.(Programme) Semester I	106	35	141	46	93	2	32.6	66	1.4
2	B.A.(Programme) Semester V	79	40	119	67	52	0	56.3	43.7	0
3	B.Com Semester I	73	44	117	39	75	3	33.3	64.1	2.6
4	B.Com Semester V	62	36	98	89	9	0	90.8	9.2	0
5	B.Com(Hons) Semester I	67	58	125	115	8	2	92	6.4	1.6
6	B.Com(Hons) Semester III	91	70	161	97	59	5	60.2	36.6	3.1
7	B.Com(Hons) Semester V	70	59	129	104	25	0	80.6	19.4	0
8	B.A.(Hons)English Semester I	16	36	52	23	27	2	44.2	51.9	3.8
9	B.A.(Hons)English Semester III	21	34	55	35	20	0	63.6	36.4	0
10	B.A.(Hons)English Semester V	20	46	66	30	34	2	45.5	51.5	3
11	B.A.(Hons)Hindi Semester I	51	22	73	27	46	0	37	63	0
12	B.A.(Hons)Hindi Semester III	37	25	62	33	29	0	53.2	46.8	0
13	B.A.(Hons)Hindi Semester V	42	15	57	34	23	0	59.6	40.4	0
14	B.A.(Hons)Sanskrit Semester I	44	8	52	20	32	0	38.5	61.5	0
15	B.A.(Hons)Sanskrit Semester III	14	1	15	5	10	0	33.3	66.7	0
16	B.A.(Hons)Sanskrit Semester V	25	6	31	10	21	0	32.3	67.7	0
17	B.A.(Hons)Economics Semester I	45	28	73	38	34	1	52.1	46.6	1.4
18	B.A.(Hons)Economics Semester III	45	35	80	30	49	1	37.5	61.3	1.3

19	B.A.(Hons)Economics Semester V	26	30	56	24	32	0	42.9	57.1	0
20	B.A.(Hons)History Semester I	29	15	44	22	22	0	50	50	0
21	B.A.(Hons)History Semester III	40	27	67	45	22	0	67.2	32.8	0
22	B.A.(Hons)History Semester V	13	10	23	15	8	0	65.2	34.8	0
23	B.A.(Hons)Political Science Semester I	43	28	71	30	39	2	42.3	54.9	2.8
24	B.A.(Hons)Political Science Semester III	43	44	87	56	28	3	64.4	32.2	3.4
25	B.A.(Hons)Political Science Semester V	28	13	41	29	12	0	70.7	29.3	0
26	B.A.(Hons)Sociology Semester I	29	25	54	31	22	1	57.4	40.7	1.9
27	B.A.(Hons)Sociology Semester III	18	20	38	26	12	0	68.4	31.6	0
28	B.A.(Hons)Sociology Semester V	18	17	35	23	12	0	65.7	34.3	0
29	B.Sc Life Sciences Semester I	50	73	123	17	106	0	13.8	86.2	0
30	B.Sc Life Sciences Semester V	43	61	104	61	42	1	58.7	40.4	1
31	B.Sc. (Hons) Physics Semester I	74	16	90	77	13	0	85.6	14.4	0
32	B.Sc. (Hons) Physics Semester III	25	9	34	24	10	0	70.6	29.4	0
33	B.Sc. (Hons) Physics Semester V	32	13	45	38	7	0	84.4	15.6	0
34	B.Sc(Hons)Chemistry Semester I	47	29	76	58	18	0	76.3	23.7	0
35	B.Sc(Hons)Chemistry Semester III	64	22	86	65	20	1	75.6	23.3	1.2
36	B.Sc(Hons)Chemistry Semester V	29	28	57	40	17	0	70.2	29.8	0
37	B.Sc. (Hons) Botany Semester I	15	25	40	27	13	0	67.5	32.5	0
38	B.Sc. (Hons) Botany Semester III	25	16	41	31	10	0	75.6	24.4	0
39	B.Sc. (Hons) Botany Semester V	6	17	23	16	7	0	69.6	30.4	0
40	B.Sc. (Hons) Zoology Semester I	13	26	39	29	10	0	74.4	25.6	0
41	B.Sc. (Hons) Zoology Semester III	16	29	45	36	9	0	80	20	0
42	B.Sc. (Hons) Zoology Semester V	5	18	23	18	5	0	78.3	21.7	0
43	B.Sc(H) Biological Sciences Semester I	24	27	51	3	48	0	5.9	94.1	0
44	B.Sc(H) Biological Sciences Semester V	12	16	28	13	14	1	46.4	50	3.6
45	B.Sc. (Hons) Bio-Chemistry Semester I	20	23	43	6	36	1	14	83.7	2.3

46	B.Sc. (Hons) Bio-Chemistry Semester III	9	22	31	9	22	0	29	71	0
47	B.Sc. (Hons) Bio-Chemistry Semester V	6	18	24	10	13	1	41.7	54.2	4.2
48	B.Sc. (Hons) Electronics Semester I	56	7	63	49	13	1	77.8	20.6	1.6
49	B. Tech - Electronics (FYUP) III	30	9	39	25	14	0	64.1	35.9	0
50	B.Sc. (Hons) Electronics Semester V	18	6	24	19	5	0	79.2	20.8	0
51	B.Sc(Hons)Mathematics Semester I	106	78	184	177	7	0	96.2	3.8	0
52	B.Sc(Hons)Mathematics Semester III	80	19	99	76	23	0	76.8	23.2	0
53	B.Sc(Hons)Mathematics Semester V	75	69	144	99	45	0	68.8	31.3	0
54	B.Sc(Hons)Statistics Semester I	52	25	77	2	75	0	2.6	97.4	0
55	B.Sc(Hons)Statistics Semester III	30	14	44	19	25	0	43.2	56.8	0
56	B.Sc(Hons)Statistics Semester V	29	28	57	28	29	0	49.1	50.9	0

2013 - 2014

S. No.	Name of the Courses	Total Number of Students			Other than Delhi	From Delhi	Foreign Students	Other than Delhi	From Delhi	Foreign Students
		Male	Female	Total						
1	B.A.(Programme) Semester III	85	42	127	70	57	0	55.1	44.9	0
2	B.A.(Programme) Semester V	61	36	97	48	48	1	49.5	49.5	1
3	B.Com Semester III	62	37	99	89	9	1	89.9	9.1	1
4	B.Com Semester V	70	28	98	69	27	2	70.4	27.6	2
5	B.Com(Hons) Semester III	70	59	129	104	25	0	80.6	19.4	0
6	B.Com(Hons) Semester V	74	119	193	81	112	0	42	58	0
7	B.A.(Hons)English Semester III	20	46	66	16	48	2	24.2	72.7	3
8	B.A.(Hons)English Semester V	23	41	64	35	29	0	54.7	45.3	0
9	B.A.(Hons)Hindi Semester III	36	15	51	21	30	0	41.2	58.8	0

10	B.A.(Hons)Hindi Semester V	20	23	43	19	24	0	44.2	55.8	0
11	B.A.(Hons)Sanskrit Semester III	22	6	28	12	16	0	42.9	57.1	0
12	B.A.(Hons)Sanskrit Semester V	15	5	20	11	9	0	55	45	0
13	B.A.(Hons)Economics Semester III	26	30	56	23	33	0	41.1	58.9	0
14	B.A.(Hons)Economics Semester V	15	26	41	15	26	0	36.6	63.4	0
15	B.A.(Hons)History Semester III	12	10	22	14	8	0	63.6	36.4	0
16	B.A.(Hons)History Semester V	28	14	42	24	18	0	57.1	42.9	0
17	B.A.(Hons)Political Science Semester III	25	13	38	25	13	0	65.8	34.2	0
18	B.A.(Hons)Political Science Semester V	27	16	43	25	15	3	58.1	34.9	7
19	B.A.(Hons)Sociology Semester III	15	17	32	21	11	0	65.6	34.4	0
20	B.A.(Hons)Sociology Semester V	6	23	29	16	12	1	55.2	41.4	3.4
21	B.Sc Life Sciences Semester III	51	67	118	71	46	1	60.2	39	0.8
22	B.Sc Life Sciences Semester V	34	53	87	41	46	0	47.1	52.9	0
23	B.Sc. (Hons) Physics Semester III	35	14	49	41	8	0	83.7	16.3	0
24	B.Sc. (Hons) Physics Semester V	12	13	25	20	5	0	80	20	0
25	B.Sc(Hons)Chemistry Semester III	30	28	58	41	17	0	70.7	29.3	0
26	B.Sc(Hons)Chemistry Semester V	23	27	50	39	11	0	78	22	0
27	B.Sc. (Hons) Botany Semester III	6	19	25	18	7	0	72	28	0
28	B.Sc. (Hons) Botany Semester V	11	15	26	17	9	0	65.4	34.6	0
29	B.Sc. (Hons) Zoology Semester III	5	20	25	19	6	0	76	24	0
30	B.Sc. (Hons) Zoology Semester V	9	16	25	14	11	0	56	44	0
31	B.Sc(H) Biological Sciences Semester III	14	20	34	17	16	1	50	47.1	2.9
32	B.Sc(H) Biological Sciences Semester V	10	21	31	14	17	0	45.2	54.8	0
33	B.Sc. (Hons) Bio-Chemistry Semester III	6	18	24	10	13	1	41.7	54.2	4.2
34	B.Sc. (Hons) Bio-Chemistry Semester V	2	27	29	11	18	0	37.9	62.1	0
35	B.Sc. (Hons) Electronics Semester III	21	6	27	21	6	0	77.8	22.2	0
36	B.Sc. (Hons) Electronics Semester V	13	5	18	13	5	0	72.2	27.8	0

37	B.Sc(Hons)Mathematics Semester III	75	69	144	99	45	0	68.8	31.3	0
38	B.Sc(Hons)Mathematics Semester V	41	51	92	57	35	0	62	38	0
39	B.Sc(Hons)Statistics Semester III	32	29	61	28	33	0	45.9	54.1	0
40	B.Sc(Hons)Statistics Semester V	16	21	37	19	18	0	51.4	48.6	0
41	M.A. English Semester I	9	14	23	17	6	0	73.9	26.1	0
42	M.A. English Semester III	6	13	19	16	3	0	84.2	15.8	0
43	M.A. Sanskrit Semester I	12	3	15	7	8	0	46.7	53.3	0
44	M.A. Sanskrit Semester III	2	1	3	2	1	0	66.7	33.3	0
45	M.A. History Semester I	12	13	25	15	10	0	60	40	0
46	M.A. History Semester III	7	10	17	11	6	0	64.7	35.3	0
47	M.Sc Statistics Semester I	4	10	14	5	9	0	35.7	64.3	0
48	M.Sc Statistics Semester III	0	4	4	0	4	0	0	100	0
49	M.A./M.Sc Mathematics Semester I	3	14	17	9	7	1	52.9	41.2	5.9
50	M.A./M.Sc Mathematics Semester III	5	19	24	6	18	0	25	75	0
51	M.Sc Physics Semester I	5	7	12	9	3	0	75	25	0
52	M.Sc Physics Semester III	2	1	3	2	1	0	66.7	33.3	0
53	M.Sc Chemistry Semester I	4	8	12	4	8	0	33.3	66.7	0
54	M.Sc Chemistry Semester III	6	7	13	10	3	0	76.9	23.1	0
55	M.Sc Botany Semester I	0	1	1	0	1	0	0	100	0
56	M.Sc Zoology Semester I	1	5	6	3	3	0	50	50	0
57	M.Sc Zoology Semester III	0	1	1	0	1	0	0	100	0
58	PG Diploma in Bio-Chemical Technology Semester I	6	14	20	7	13	0	35	65	0
59	Certificate Course in German Language I	22	26	48	19	29	0	39.6	60.4	0
60	Diploma Course in German Language I	2	10	12	4	8	0	33.3	66.7	0
61	English (FYUP) I	24	36	60	35	24	1	58.3	40	1.7
62	Hindi (FYUP) I	39	25	64	36	28	0	56.3	43.8	0
63	Sanskrit (FYUP) I	42	2	44	8	36	0	18.2	81.8	0

64	Economics (FYUP) I	45	35	80	28	51	1	35	63.8	1.3
65	History (FYUP) I	39	23	62	41	21	0	66.1	33.9	0
66	Political Science (FYUP) I	43	44	87	34	50	3	39.1	57.5	3.4
67	Sociology (FYUP) I	21	20	41	13	28	0	31.7	68.3	0
68	Commerce (FYUP) I	93	71	164	99	60	5	60.4	36.6	3
69	Mathematics (FYUP) I	81	20	101	78	23	0	77.2	22.8	0
70	Bio-Chemistry (FYUP) I	11	24	35	9	26	0	25.7	74.3	0
71	Botany (FYUP) I	33	19	52	40	12	0	76.9	23.1	0
72	Chemistry (FYUP) I	71	28	99	73	25	1	73.7	25.3	1
73	B. Tech - Electronics (FYUP) I	33	9	42	28	14	0	66.7	33.3	0
74	Physics (FYUP) I	26	3	29	24	5	0	82.8	17.2	0
75	Statistics (FYUP) I	35	14	49	20	29	0	40.8	59.2	0
76	Zoology (FYUP) I	17	38	55	43	12	0	78.2	21.8	0

2012 - 2013

S. No.	Name of the Courses	Total Number of Students			Other than Delhi	From Delhi	Foreign Students	Other than Delhi	From Delhi	Foreign Students
		Male	Female	Total						
1	B.A.(Programme) Semester I	85	42	127	70	57	0	55.1	44.9	0
2	B.A.(Programme) Semester III	67	36	103	52	50	1	50.5	48.5	1
3	B.A.(Programme) III	52	42	94	44	50	0	46.8	53.2	0
4	B.Com Semester I	62	31	93	86	7	0	92.5	7.5	0
5	B.Com Semester III	71	28	99	71	26	2	71.7	26.3	2
6	B.Com(Programme) III	52	28	80	68	8	4	85	10	5
7	B.Com(Hons) Semester I	65	53	118	103	15	0	87.3	12.7	0

8	B.Com(Hons) Semester III	74	119	193	81	112	0	42	58	0
9	B.Com(Hons) III	60	63	123	115	5	3	93.5	4.1	2.4
10	B.A.(Hons)English Semester I	23	46	69	33	34	2	47.8	49.3	2.9
11	B.A.(Hons)English Semester III	24	41	65	38	27	0	58.5	41.5	0
12	B.A.(Hons)English III	10	47	57	41	16	0	71.9	28.1	0
13	B.A.(Hons)Hindi Semester I	36	15	51	35	16	0	68.6	31.4	0
14	B.A.(Hons)Hindi Semester III	20	23	43	19	24	0	44.2	55.8	0
15	B.A.(Hons)Hindi III	25	28	53	10	43	0	18.9	81.1	0
16	B.A.(Hons)Sanskrit Semester I	45	6	51	20	31	0	39.2	60.8	0
17	B.A.(Hons)Sanskrit Semester III	16	5	21	11	10	0	52.4	47.6	0
18	B.A.(Hons)Sanskrit III	13	2	15	13	2	0	86.7	13.3	0
19	B.A.(Hons)Economics Semester I	21	29	50	24	25	1	48	50	2
20	B.A.(Hons)Economics Semester III	15	26	41	17	24	0	41.5	58.5	0
21	B.A.(Hons)Economics III	31	36	67	19	48	0	28.4	71.6	0
22	B.A.(Hons)History Semester I	15	10	25	16	9	0	64	36	0
23	B.A.(Hons)History Semester III	28	14	42	25	17	0	59.5	40.5	0
24	B.A.(Hons)History III	25	8	33	31	2	0	93.9	6.1	0
25	B.A.(Hons)Political Science Semester I	29	15	44	30	14	0	68.2	31.8	0
26	B.A.(Hons)Political Science Semester III	28	16	44	27	14	3	61.4	31.8	6.8
27	B.A.(Hons)Political Science III	33	16	49	27	20	2	55.1	40.8	4.1
28	B.A.(Hons)Sociology Semester I	17	18	35	26	9	0	74.3	25.7	0
29	B.A.(Hons)Sociology Semester III	6	24	30	18	11	1	60	36.7	3.3
30	B.A.(Hons)Sociology III	20	22	42	34	8	0	81	19	0
31	B.Sc Life Sciences Semester I	43	68	111	69	41	1	62.2	36.9	0.9
32	B.Sc Life Sciences Semester III	32	51	83	38	45	0	45.8	54.2	0
33	B.Sc Life Sciences Semester V	37	41	78	44	34	0	56.4	43.6	0
34	B.Sc. (Hons) Physics Semester I	37	15	52	43	9	0	82.7	17.3	0

35	B.Sc. (Hons) Physics Semester III	11	13	24	19	5	0	79.2	20.8	0
36	B.Sc. (Hons) Physics Semester V	25	37	62	35	27	0	56.5	43.5	0
37	B.Sc(Hons)Chemistry Semester I	40	28	68	50	18	0	73.5	26.5	0
38	B.Sc(Hons)Chemistry Semester III	21	27	48	36	12	0	75	25	0
39	B.Sc(Hons)Chemistry Semester V	46	80	126	85	41	0	67.5	32.5	0
40	B.Sc. (Hons) Botany Semester I	12	20	32	23	9	0	71.9	28.1	0
41	B.Sc. (Hons) Botany Semester III	10	17	27	18	9	0	66.7	33.3	0
42	B.Sc. (Hons) Botany Semester V	8	23	31	17	14	0	54.8	45.2	0
43	B.Sc. (Hons) Zoology Semester I	7	24	31	24	7	0	77.4	22.6	0
44	B.Sc. (Hons) Zoology Semester III	8	19	27	16	11	0	59.3	40.7	0
45	B.Sc. (Hons) Zoology Semester V	7	18	25	18	7	0	72	28	0
46	B.Sc(H) Biological Sciences Semester I	11	20	31	14	16	1	45.2	51.6	3.2
47	B.Sc(H) Biological Sciences Semester III	10	21	31	14	17	0	45.2	54.8	0
48	B.Sc(H) Biological Sciences III	6	19	25	10	15	0	40	60	0
49	B.Sc. (Hons) Bio-Chemistry Semester I	9	20	29	14	15	0	48.3	51.7	0
50	B.Sc. (Hons) Bio-Chemistry Semester III	2	27	29	9	19	1	31	65.5	3.4
51	B.Sc. (Hons) Bio-Chemistry Semester V	5	21	26	11	14	1	42.3	53.8	3.8
52	B.Sc. (Hons) Electronics Semester I	23	7	30	23	7	0	76.7	23.3	0
53	B.Sc. (Hons) Electronics Semester III	12	5	17	11	6	0	64.7	35.3	0
54	B.Sc. (Hons) Electronics Semester V	21	10	31	18	13	0	58.1	41.9	0
55	B.Sc(Hons)Mathematics Semester I	77	71	148	103	45	0	69.6	30.4	0
56	B.Sc(Hons)Mathematics Semester III	43	51	94	58	36	0	61.7	38.3	0
57	B.Sc(Hons)Mathematics III	48	46	94	65	29	0	69.1	30.9	0
58	B.Sc(Hons)Statistics Semester I	31	29	60	28	32	0	46.7	53.3	0
59	B.Sc(Hons)Statistics Semester III	16	21	37	19	18	0	51.4	48.6	0
60	B.Sc(Hons)Statistics III	33	31	64	38	26	0	59.4	40.6	0

Table 4: Comparative Result Analysis (with in College)

B.A. (Hons) Courses																								
English																								
Year/ Semester	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
I/II	70	100	*			0	66	94	*			6	55	95	*			5.5	47	87	*			13
II/IV	50	100	*			0	65	86	*			14	65	94	*			6	48	100	*			0
III /VI	45	87	7	44	36	13	49	90	2	55	33	10	64	72	20	47	5	28	65	95	59	28	9	5
Hindi																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
I/II	65	95	*			5	43	98	*			2	58	97	*			3	70	100	*			0

II/IV	51	92				8	42	100				0	50	94			6	55	96				4	
III/VI	29	100	21	55	24	0	46	72	35	26	11	28	43	84	72	7	0	16	48	100	52	13	35	0
Sanskrit																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
		PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE				
I/II	34	77	*			24	29	69	*			31	31	48	*			52	40	65	*			35
II/IV	15	73	*			27	20	95	*			5	24	79	*			21	14	86	*			14
III/VI	2	100	0	100	0	0	10	100	30	50	20	0	20	40	40	0	0	60	24	63	33	4.2	0	38
Economics																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
		PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE				
I/II	51	100	*			0	50	92	*			8	74	99	*			1	67	90	*			10
II/IV	64	95	*			5	42	100	*			0	56	96	*			4	73	97	*			3
III	33	97	49	27	15	3	61	95	75	18	2	5	41	83	81	2	0	17	54	82	80	2	0	19

/VI																								
History																								
2011-2012							2012-2013					2013-2014					2014-2015							
APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	
	PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE					
I/II	49	96	*		4	21	91	*		10	61	100	*		0	38	100	*		0				
II/IV	30	97			3	43	88			12	21	100			0	64	98			2				
III /VI	25	88	16	44	28	12	29	97	10	52	35	3	42	67	38	29	0	33	19	84	79	5	0	16
Political Science																								
2011-2012							2012-2013					2013-2014					2014-2015							
APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	
	PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE					

I/II	45	98	*			2	35	94	*			6	84	98	*			2	60	100	*			0
II/IV	44	98				2	44	98				2	35	94				6	75	97				3
III/VI	32	86	3	59	25	13	42	95	10	62	24	5	44	68	39	30	0	32	35	100	57	43	0	0
Sociology																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
I/II	39	100	*			0	31	77	*			23	36	92	*			8	49	100	*			0
II/IV	31	97				3	20	95				5	28	89				11	32	88				12
III/VI	22	86	9	55	23	14	31	100	36	42	23	0	29	93	35	59	0	7	28	100	29	54	18	0
B.Com (Prog) and B.Com (Hons) Courses																								
B.Com																								
	2011-2012						2012-2013						2013-2014						2014-2015					

	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
		PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE				
I/II	NA	NA	N A	NA	NA	N A	88	98	*			2	NA	N A	N A	NA	NA	N A	108	93	*			7
II/IV	74	95	*			5	83	94				6	95	96	*			4	NA	NA	N A	NA	NA	N A
III /VI	67	78	54	19	2	22	72	88	72	15	0	13	97	87	85	2	0	13	94	77	71	5	0	23
B.Com(H)																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
		PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE				
I/II	202	99	*			1	116	97	*			3	160	96	*			4	118	83	*			17
II/IV	126	93				7	192	100				0	124	100				0	151	98				2

III /VI	70	100	81	16	3	0	120	98	67	27	4	3	193	96	93	2	0.5	4	124	82	79	1	2	19
B.Sc (Prog) and B.Sc (Hons) Courses																								
Life Sciences																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
I/II	115	72	*			28	99	84	*			16	NA	NA	NA	NA	NA	NA	114	87	*			13
II/IV	86	87	*			13	80	86	*			14	105	94	*			6	NA	NA	NA	NA	NA	NA
III /VI	55	87	27	29	4	13	74	70	68	3	0	30	86	56	55	1	0	44	112	99	63	7	30	1
Bio-Chemistry																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
I/II	31	97	*			3	23	100	*			0	31	100	*			0	39	92	*			8

II/IV	27	100				0	28	100				0	25	92			8	29	90			10		
III/VI	26	92	85	8	0	8	26	85	85	0	0	15	28	96	96	0	0	4	24	83	83	0	0	17
Biological Sciences																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
		PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE				
I/II	38	66	*			34	26	96	*			4	NA	NA	NA	NA	NA	NA	44	75	*			25
II/IV	24	96				4	30	100				0	27	89	*			11	NA	NA	NA	NA	NA	NA
III/VI	24	100	75	25	0	0	23	100	87	13	0	0	28	79	79	0	0	21	29	48	48	0	0	52
Botany																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER

	PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE					
I/II	27	96	*			4	23	87	*			13	46	89	*			11	33	91	*			9
II/IV	36	86				14	25	100				0	23	96				4	40	98				3
III /VI	27	96	89	7	0	4	31	74	74	0	0	26	26	54	54	0	0	46	22	77	77	0	0	23
Chemistry																								
	2011-2012						2012-2013						2013-2014						2014-2015					
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
		PERCENTAGE						PERCENTAGE						PERCENTAGE						PERCENTAGE				
I/II	53	93	*			8	59	90	*			10	88	98	*			2	69	97	*			3
II/IV	131	99				1	47	96				4	57	90				11	84	95				5
III /VI	107	98	79	19	0	2	125	98	89	8	2	2	47	79	79	0	0	21	54	72	28	0	0	28
Electronics																								
	2011-2012						2012-2013						2013-2014						2014-2015					

	APPEARED						APPEARED	APPEARED						APPEARED	APPEARED												
	PASS	I DIVISION	II DIVISION	III DIVISION	ER			PASS	I DIVISION	II DIVISION	III DIVISION	ER			PASS	I DIVISION	II DIVISION	III DIVISION	ER		PASS	I DIVISION	II DIVISION	III DIVISION	ER		
	PERCENTAGE							PERCENTAGE							PERCENTAGE							PERCENTAGE					
I/II	19	90	*			11	24	88	*			13	39	100	*			0	56	82	*			18			
II/IV	32	97				3	17	100				0	24	96				4	37	87				14			
III/VI	41	98	78	20	0	2	31	65	65	0	0	36	17	65	65	0	0	35	24	83	83	0	0	17			
Mathematics																											
	2011-2012						2012-2013						2013-2014						2014-2015								
	APPEARED						APPEARED	APPEARED						APPEARED	APPEARED												
	PASS	I DIVISION	II DIVISION	III DIVISION	ER			PASS	I DIVISION	II DIVISION	III DIVISION	ER			PASS	I DIVISION	II DIVISION	III DIVISION	ER		PASS	I DIVISION	II DIVISION	III DIVISION	ER		
	PERCENTAGE							PERCENTAGE							PERCENTAGE							PERCENTAGE					
I/II	102	98	*			2	136	95	*			5	92	96	*			4	165	95	*			5			
II/IV	88	97				3	86	95				5	137	96				4	82	92				7			
III/VI	81	98	70	22	5	2	93	94	72	17	4	7	86	83	83	0	0	17	137	76	74	2	0	23			
Physics																											

	2011-2012						2012-2013					2013-2014					2014-2015							
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
I/II	30	87	*			13	50	96	*			4	27	93	*			4	82	92	*			9
II/IV	67	96				5	24	96				4	45	98				2	31	94				7
III /VI	48	100	96	4	0	0	62	86	86	0	0	15	24	100	88	0	0	0	45	89	89	0	0	11
Statistics																								
	2011-2012						2012-2013					2013-2014					2014-2015							
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
I/II	44	89	*			11	58	95	*			5	47	96	*			4	73	90	*			10
II/IV	60	98				2	36	100				0	58	88				12	44	89				11
III /VI	54	93	65	28	0	7	65	92	80	12	0	8	35	74	74	0	0	26	55	84	84	0	0	16

Zoology

	2011-2012						2012-2013					2013-2014					2014-2015								
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	
																									PERCENTAGE
I/II	35	80	*			20	24	100	*			0	46	98	*			2	32	8	*			16	
II/IV	26	96				4	24	96					23	100				0	38	97				3	
III /VI	22	91	64	27	0	9	25	76	76	0	0	24	24	100	100	0	0	0	0	23	83	83	0	0	17

B. A. Programme & B.A. Pass Course

B. A. Programme

	2011-2012						2012-2013					2013-2014					2014-2015								
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	
																									PERCENTAGE
I/II	NA	NA	NA	NA	NA	NA	121	96	*			4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
II/IV	NA	NA	NA	NA	NA	NA	98	96				4	113	92	*			8	116	97	*			3	

III /VI	NA	NA	NA	NA	NA	NA	90	78	43	29	6	22	98	65	46	19	0	35	122	62	47.5	15	0	38
B. A. Pass																								
	2011-2012						2012-2013					2013-2014					2014-2015							
	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER	APPEARED	PASS	I DIVISION	II DIVISION	III DIVISION	ER
I/II	113	89	*			12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
II/IV	118	74	*			26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
III /VI	89	94	23	37	2	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

* As per results declared by DU, divisions are declared for final year students only.

Table 5 : Publication per Faculty – at a glance

Name	Books Authored	Books Edited Co-Edited	Research paper /article	Chapters in books	Papers presented	Resource Person	Lessons/ E-Lessons	Book Review
Bio Chemistry								
Dr. P Hemalatha Reddy			7					
Dr. N. Latha	1		11	1		3	1	
Dr. Nandita Narayansamy	1		2			3		
Dr. Meenakshi Kuhar			2					
Dr. Vandana Malhotra			2			1		
Dr. Kamesh			7			3		
Botany								
Dr. N.V.S.R.K Prasad			2					
Dr. A.K.Kavathekar				1			2	
Dr. Aarati Saxena						4	1	
Dr.Sunila Khurana							3	
Dr. Pooja Gokhale Sinha			4	1			2	
Dr. Neeti Mehla			7					
Dr. Amit Vashishtha			7					
Chemistry								
Dr.R.P.Singh			8			1		
Dr.H.C.Tandon			10					
Self-Study Report, November 2015, Sri Venkateswara College (University of Delhi)								
Dr.Sanjay Batra	2		1					
Dr.Sharda Pasricha			2					
Dr.Brijesh Rathi			15					

Commerce							
Dr.Venkata Kumar						1	
Dr.Sunita						1	
Dr.Shruti Mathur	2		2	2			
Dr.Pooja Jain	2		5				
Dr.Sindhmani	2						
Dr.Vinod	2		3				
Dr.Neha Singhal	1		4		3		
Dr.Arпита	4		4				
Dr.Amit			7				
Economics							
Dr.PadmaSuresh			1				
Dr.Krishna Kumar			6				
Dr.Shaliya Thakur			2			1	
Dr.Ramaraju	1					1	
Dr.Bhrama Reddy			2			4	
Dr.Aruna Rao	1		1			4	
English							
Dr.Roopali				1			
Dr.Indrani Sen	1		3	2			
Dr.Anwar	1		3	1			
Dr.Meenakshi Bharat	6		7	4		4	
Dr.Ratna Raman			73	2			
Dr.Rina Ramdev						2	
Electronics							
Dr.Neeru						1	
Dr.Upasana			3		2		
Dr.Ajay			3		2		
Dr.Rakhi			6		6	3	
Dr.Neha			2				
Hindi							
Dr.Richa Sharma						2	
Dr.Arvind			4	1			

Dr.Ramkishore	7							
Dr.Jitendra Kalra	1		2					1
History								
Dr.Neeraj						1		
Dr.Thirumali	5					2		
Sachi	1					1		
Dr. Vandana Joshi	5		14					
Dr.Awadesh			2			1		2
Dr.Madhuri	2					2		2
Dr.Jeevan						1		
Dr.Saurabh						1		
Mathematics								
Dr.Swarn Singh			7					
Dr.Harendra Pal			9					
Dr.Ranjana	2							
Dr.Mainak	2							
Dr.S.K.Sha	2							
Physics								
Dr.B.V.G.Rao	1							
Dr.Bibhu			4					
Dr.Reenu Jain						1		
Dr.Chandramani			18					
Dr.Ananth Pandey			8					
Dr.Pranjal Trivedi			3					
Political Science								
Dr.Suthakar	1				1			
Sanskrit								
Dr.Punita Sharma			9	4	21	27		5
Dr.Urvi	3		3			7		3
Dr.Kanwar			2		5	1		
Dr.Harsha			5		6			
Dr.Vikash			2		3			
Sociology								
Dr.Geeta						2		2

Dr.Subhash						2		1
Dr.Abhijeet	3			1			4	
Dr.Padma						2		
Dr.Nabanipa	1		22			2		5
Dr.Mrithunjay	2			2		2		
Statistics								
Dr.M.V.R.Prasada Rao			1			8		
Dr.Veena			4			7		
Dr.M.K. Shukla			6			1		
Dr.B.R.Gupta						4		
Dr.Taruna			6					
Dr.Archana						11		
Dr.Rajkumari						3		
Dr.Joginder			11					
Dr.Aakash				2				
Tamil								
Dr.Vivekananda	9		3			2		
Dr.Seenivasan	2		6			1	3	
Telugu								
Dr.Muralidhar Rao	4		49			2		
Zoology								
Dr.R.K.Saxena	2							
Dr.Vartika Mathur	2		5			1		
Dr.Dhanraj			1					
Dr.Om Prakash			5					
Dr.Mansi Verma			3				2	
Physical education								
Dr. N. K. Gaur	4							

Table 06: Institutional Scholarships/ Prizes given to the Students at the end of Academic Year on College Annual Day

S. No.	Name of the Prize	Instituted By	Awarded For
Funding Agency - TTD			
1.	Balaji Gold Medal for 10 grams	Tirumala Tirupati Devasthanams	For DU position holder at the end of III Yr. Examination
2.	Balaji Gold Medal for 05 grams	Tirumala Tirupati Devasthanams	For UDSC position holder at the end of III Yr. Examination
3.	Balaji merit Medal for 30 g Silver	Tirumala Tirupati Devasthanams	For First position in B.Sc (H) Zoology III year Examination
Funding Agency - SVC			
1.	Students Union Merit Award	Students Union in 1982-83	For securing highest marks in final year of B.A & B.A. (H), B.Com (Pass) and (Hons.), B. Sc. & B. Sc. (H)
2.	Freeship and Financial Aid	Sri Venkateswara College	Needy and meritorious students belonging to SC and ST categories
3.	Balaji Sports Scholarships for International and National Players	Sri Venkateswara College	For students who excel in sports and represent the college at National, International or Ranji level
Funding Agency - Corporates			
1.	Sultan Chand Trust Merit Cash Scholarship	M/s Sultan Chand Trust	Meritorious students of B.com (H) I and II year for securing more than 75% marks
2.	Sultan Chand Memorial Scholarship Endowment	M/s Sultan Chand Trust	Meritorious student of B. Com (H) semester V
Funding Agency - Individuals/ Philosophers/ Philanthropists/ Scientists etc.			
1.	Bharatula Savitri Memorial Prize	Prof. B. Rama Murthy, Prof. Emeritus (Retd.) IARI	
2.	Nelabhatla Venkata Subbiah memorial Prize	Prof. B. Rama Murthy, Prof. Emeritus (Retd.) IARI	Securing first position in the Final year B.Com (H), B.A. (H) English, Hindi, History, Political Science, Sociology; B.Sc. (H) Mathematics and Statistics

3.	Lord Venkateswara Merit Award	Prof. CSGK Setty, Department of Physics and astrophysics, University of Delhi	Best Student in Sciences and Arts in First Year
4.	Sri Narayanan Ayyar and Parvati Memorial Medal		First position in B.A (H) Sanskrit III year
5.	Sri Sundara ayyar and Alamelu Memorial Award		First position in B.A/ B.Sc (H) Mathematics III year
6.	Smt. Sita Narayanann memorial Medal		First position in B.Sc (H) Botany III year
7.	Soundarya Nayaki Govindswamy memorial medal		First position in B.A. (H) Economics III year
8.	Emani's Medal		Securing highest marks in Ancient Indian history in B.A. Prog. And B.A. (H) History
9.	G. Sabrinath Memorial Award		Securing First Position in B.Sc. (H) Chemistry II year
10.	Bharatula Savitri Memorial Prize	Prof. B. Rama Murthy, prof. emeritus IARI	Securing First rank in Final year of B.Sc. Biochemistry, Biochemical and Molecular Technology, Botany, Chemistry, Physics, Electronics, Mathematics, Zoology; B.A. (H) Economics, Sanskrit and Telugu, and B.Com Prog. II year
11.	Ms. Neerja Malhotra memorial Scholarship	Mr. Arvind Malhotra	Student of Mathematics with good moral values who has represented college in Sports
Funding Agency - SVC Staff in reverence of their Institute			
1.	Smt. Velagately Suvarchalamba Memorial Prize	Dr. V. Krishnamoorthy, Former Principal of SVC (1973- 92)	Highest marks in B.Sc. (H) Chemistry and any Honours course
2.	Emani's Medal		Securing highest marks in Ancient Indian history in B.A. Prog. And B.A. (H) History

3.	Mrs. P. Gupta Meritorious Award	Mr. P. Gupta, ex. Museum curator Sri Venkateswara College	Securing highest marks in III year of B.Sc. Botany and Zoology and B. Sc. Life Sciences; Highest marks in Entomology and Taxonomy in B.Sc. (H) Zoology and Botany, respectively
4.	G V Subramanyam Memorial Award	Memory of late Mr. G V Subramanyam, Department of English, SVC	Best Student of III year of B.A. (H) English and B.A. Prog. Elective English
5.	Dr. P Sarojini Reddy Scholarships		Two I year girl students one each of B. A. (H) Political Sciences and B.A. Pass Political Sciences, on the criteria of economic backwardness.
6.	Smt. Velagalety Lakshmi Narasimha Rao Memorial Prize		Highest marks in B.Sc. (H) Chemistry and any Honours course
7.	Smt. Velagalety Lakshmi Narasimha Rao Memorial Prize		Highest aggregate marks in Final year courses other than Mathematics, science and Statistics.
8.	R Dwarka Das Memorial Award	Dr. Nirmala Dwarka Das	Securing First position in Final year of B.A. (H) Political Science
9.	Late Mrs. Velagalety Chudamani memorial Prize	Dr. V. Krishna Moorthy, Former Principal of SVC (1973- 92)	Securing highest marks in III in B.Sc. (H) Biochemistry
10.	Late Mrs. Velagalety Chudamani memorial Prize	Dr. V. Krishna Moorthy, Former Principal of SVC (1973- 92)	Securing highest marks in B.A. (H) Tamil, Telugu and Sanskrit
11.	Dr. V. Krishna Moorthy memorial Prize	Mr. D. Venkat Ramana	Securing highest marks in B.Sc. (H) Chemistry III year
12.	Sri Padmavati Ammavari Medals	Dr. V. Krishna Moorthy, Former Principal of SVC (1973- 92)	Best student (one boy and one girl) based on their overall performance in academics and co-curricular activities
Funding Agency - Alumni of SVC			
1.	Dr. O.B. Tandon Memorial Gold Medal	Mr. Rajiv Tandon	Securing first rank in B.Sc. (H) Zoology III year
Funding Agency - Parents of SVC Students			
1.	Seema Katyal Memorial Prize	Parents of ex-student Ms. Seema Katyal	Securing Highest marks in B.A./ B. Sc.

			(H) Mathematics II year
Any Other			
1.	Merit Scholarships to SC/ST/OBC/ Minorities students	Government of National Capital Territory	
2.	Post matric scholarships to SC/ST/OBC and minorities students	Government of National Capital Territory	
3.	Post-graduate Merit Scholarship Scheme for University Rank holders at the Under-graduate level	University Grant Commission	Securing I and II ranks in general courses in Post-Graduate Program; I rank in Honours course in Post- Graduate Program
4.	Post-Graduate Indira Gandhi Scholarship scheme for Single Girl child	University Grant Commission	Any single girl child who has taken admission in Masters' Program in the college is eligible
5.	J&K Special Scholarship	All India Council for Technical Education	Students of Jammu and Kashmir
6.	Central Sector Scholarship Scheme for Colleges and University Students	Ministry of Human Resource Development, Government of India	

Table 7: Teaching Post (Sanctioned & Filled)

S. No.	Course	Sanction Post	Filled Post	Vacant Post
1	Biochemistry & Biotechnology	12	11	1
2	Botany	13	6	7
3	Chemistry	17	7	10
4	Commerce	14	6	8
5	Economics	9	6	3
6	Electronics	7	4	3
7	English	9	8	1
8	Hindi	12	12	NIL
9	History	6	6	NIL
10	Mathematics	15	8	7
11	Physics	11	10	1
12	Political Science	8	6	2
13	Sanskrit	6	3	3
14	Sociology	6	5	1
15	Statistics	9	6	3
16	Zoology	12	6	6
17	Tamil & Telugu	4	4	NIL
18	Physical Education	1	1	NIL

Table – 08: INNOVATIVE PROJECTS

INTERDISCIPLINARY/ STUDENTS' RESEARCH PROJECTS

Funding Agency : UNIVERSITY OF DELHI (DU)

S. No.	Project Code & Year	Names of the PIs involved	Title of the Project	Amount Sanctioned (in Rs.)	Students involved
31	SVC-101	<u>Biochemistry, Botany & Chemistry</u> Dr. P. Hemalatha Reddy Dr. NVSRK. Prasad Dr. Amit Vashishtha , Dr. Brijesh Rathi	Survey of Trees in Delhi Region and Screening of Selected Medicinal Plants for Anti-cancer Activity	10.0 lakhs	Snehadri Sinha, Aishwarye Sharma, A. Krishnan, Shruti Sharma, Ayesha Raaj, Ayesha Sehrawat , Harsh Bhatiya , Vinita Gurnani , Jaspreet Kaur , Shreya Nandi
32	SVC - 102	<u>Botany:</u> Dr.NVSRK Prasad, Dr KV Giri, Dr. Deepali	Screening of Cyanobacteria for Compounds with Antimicrobial activity and explore its Biosynthesis Regulation by Heterochromatin	10.0 lakhs	Pooja Dabas, Sonam Kumari, Shweta Tripathi, Naveen Kumar, Indu Malik, Sachin Chauhan, Ashu Vats, Krishan Jakhad, Hitesh Agrawal, Manoj Kumar Gautam
33	SVC-103	<u>Biochemistry, Botany & Chemistry</u> Dr.NVSRK Prasad,Dr.Nandita Narayansamy, Dr Neeti Mehla, Dr.Kamesh Sharma, Dr. Pragya Gehlot	Comparative Anti-oxidant Profiling of Various Indian Rice Cultivars in response to Salinity Stress	10.0 lakhs	Manisha Jain,Vinita Sindhi, Pankaj Kumar,Deepti Josula Vartika Gupta, PoojaBisht, Deepika, Mangleshwar Singh PriyankaHooda, Twinkle Sethi
34	SVC-104	<u>Biochemistry & Statistics:</u> Ms.Kavitha Rajsekar, Dr.Meenakshi Kuhar,Dr.Nandita Narayanasamy, Dr.Shalini Sen, Ms. Lalitha	Screening of Indian population for possible polymorphisms in candidate genes of extracellular matrix proteins that could lead to Disc degeneration leading to herniation	10.0 lakhs	Arshiya Bhatt, Parth Kapoor,Pallavi Deolal,Urmila,Mamta ,Kashish Singh,Jasmeet Kaur,Pooja Badhwar,Palak,Anup am and Sonali
35	SVC-105	<u>Biochemistry& Economics:</u> Dr Hemalatha Reddy Dr Nandita Narayanasamy	To study the nutritional and socio-economic viability of consuming Olive oil versus Ground nut oil	10.0 lakhs	Kritika Sahni, Triveni Menon, Bharti Nawalpuri, Madhu Bhagel, Kanika Gupta, Sanjana

		Dr Anju Kaicker Dr Oshima Sachin Mr. Krishnakumar	in the Indian context.		Nagpal, Shivam Nagpal, Surya Rajappan, Avinsh Mehrotra, Harshvardhan, Urvi Gupta, Kanika Wadhwa.
36	SVC-106	<u>Biochemistry & Chemistry:</u> Dr Meenakshi Kuhar Dr Sharda Pasricha Dr Latha Narayanan Dr Pragya Gahlot Dr Nandita Narayansamy Dr Unnati Ahluwalia	Purification and characterization of Cytochrome P450 from liver for the study of P450 interaction with anticancer drug molecules	10.0 lakhs	Pushmeet Kohli, Iina Bareja, Smriti Arya, Sambhavi Puri, Shalini Chandilla, S. Swetha, Vandita Bahl, Nidhi Arya, Kritika Ahuja, Astha Sharma,
37	SVC-107	<u>Biochemistry & Zoology:</u> Dr. Mansi Verma, Dr. P. S. Dhanaraj, Dr. Anju Kaicker, Mr. Dev Dutt Patel	An easy identification for pathogenic gamma/epsilon proteobacteria by exploring the internal features of their 16S rRNA gene	10.0 lakhs	Avantika Ghosh Manasa, Sri Muralidharan Arnab Kapuria Nirjara Singhvi Arshiya Rai Ayush Puri Samarth, Anjali Menon, Sonal
38	SVC-201 2013-15	<u>Hindi & Sanskrit:</u> Dr. Arun kumar Bhardwaj, Harsha Kumari, Dr. Nuti Namita	Hindi Bhasha ka adhunikan	3.0 lakhs	Aritra Saha, Stuti Relan, Sumedha Paal, Priyanka Meena, Ishleen Kaur, Vidisha Anand, Sonakshi Mathur, Hargun Aiden, Mahammad Rizwan Mansoori,
39	SVC-202 2013-15	<u>Biochemistry & Zoology:</u> Dr. Om Prakash, Dr. Sudhir verma, Dr. Indira Singh	Studies on Circadian Variation in Secondary Metabolites' Composition and/ or Concentration in commonly used Medicinal Plants of Delhi using HPLC Fingerprints and its Socio-economic Impacts	6.5 lakhs	Shivansh Singhal, Shambhavi Krishna Pragma Gupta, Hansika Chhabra, Deepshikha, Himanshu Yadav, Ashmita Tamta TCA Avni, Indrani Mukherjee, Rashi Goel
40	SVC-203	<u>History & Hindi:</u> Dr. Nirmal Kumar, Dr. CS Rawat Dr. Neeraj Sahay	Buddhism is dead, Long live Buddhism: Literature, films and historical constructions	3.5 lakhs	Bihar Gaurav, Neeraj Yadav, Vandana Rani, Tanmay Kulsreshtha, Rajat

					Sabuthoppil, Himanshu Pareek, Sushil Kumar, Aanchal Bawa, Harpal Singh, Santosh Kumar
41	SVC-204 2013-15	<u>Biochemistry & Chemistry:</u> Dr. Sharda Pasricha Dr. Hemalatha Reddy Dr. N Latha Dr. Shefali Shukla Dr. Pragma Gahlot	Design, Synthesis and Biological Evaluation of Novel Oxygen and Nitrogen Heterocyclics as Potential Antitubercular, Antibacterial and Antiviral Agents	6.0 lakhs	Tanya, Ameya, Megha, Arush Agrawal, Sambhid, Sarthak Anuttama, Prateek Chawla, Jaagni, Charu
42	SVC-206	<u>Biochemistry & Zoology:</u> Dr. P. Jayaraj Dr. P. S. Dhanaraj Dr. Kameshwar Sharma Dr. Mansi Verma	Immunohistochemical evaluation of candidate markers for sebaceous differentiation and their association with aggressive eyelid sebaceous gland carcinoma	5.5 lakhs	Megha Sethi, Rhythm Phutela Christeena Baby Varsha Chhoker Mandeep Gulati, Tanaya Bhattacharya, Varun Juhi Arora, Abhishek Kumar Sameeksha Yadav, Nikita Goswami (Volunteer) S. Anupriya (Volunteer) Ankita (Volunteer)
43	SVC-207	<u>Commerce & Statistics</u> Dr. Mamta Arora Ms Shruti Mathur Ms Latika Gupta	Determinants of Sovereign Ratings and its implications for economy and Financial systems – An empirical study	3.0 lakhs	Ankit Aggarwal, Shruti Sridhar, Rohan Bhatnagar, Deepika Nagpal, Ramita Handa, Deeba Abidi, Tanisha Goyal, Akaansha Setia, Mehak Gulati, Ankita Rehani, Sai Teja, Chaitanya Sushil
44	SVC-208	<u>Botany, Chemistry & Zoology:</u> Dr. Sanjay Kumar Batra Dr. Rajendra Phartyal, Dr. Shukla Saluja	Design, Synthesis & Evaluation of Novel Chalcone & Coumarin Derivatives as Anticancer Agents.	5.0 lakhs	Rakesh Kumar, Sukriti Kapoor, Rahul Sharma, Rishi Kodwani, Anukriti Khare, Ritu Bansal, Sonali Khurana, Sandhya Singh, Bornika Roy, Jennifer Thomas
45	SVC-209	<u>Botany & Economics:</u> Dr. Ajit Kavathekar Dr. Padma Suresh Dr. Reeta Kumari,	Potential of Organic Farming in Combating Salt Stress and its Socio Economic Aspects	6.0 lakhs	Pawandeep Singh, Yogita Abhishek kumar, Aishwarya Rohit, Srishti Arora

		Dr Neeti Mehla, Dr.Deepali, Dr.Amit Vashishtha			Neha,Sukriti Kapur Aanchal Arora, Ramit Chutani
46	SVC-210	<u>Mathematics & Statistics:</u> Dr. Amit Kumar Dr. Harendarapal Singh Dr. Veena Buddhiraja Dr.Swarn Singh	Mathematical Modelling and Simulation of Neural Networks Based Controllers for Robots	6.0 lakhs	Vrinda Dhingra,Muskan Hans,Ankita,Shreya Dash,Akanshu Mahajan,Anadi Vashishtha,Gargi lather,Vikram singh,Manu Kalia,Surya kumar Mittal
47	SVC-301	<u>Botany & Zoology:</u> Dr. P.S.Dhanaraj Dr. Mansi Verma Dr. NeetiMehla	Comparative genomics of Dengue virus to explore potential candidates for novel drug targets	3.5 lakhs	Yugal Sandilya, jyoti Bodwal, Aakriti, rashmika, Nidhi, Manisha, Kavita, Shivani , Shruti Gobirajan, Shradhha
48	SVC-302	<u>Biochemistry & Zoology:</u> Dr. Anita Verma Dr. Jayaraj Dr.Sarika Yadav Dr.Rajendra Phartyal	Evaluation of circulating cell free DNA (ccfDNA) and their clinical utility as biomarker i	6.5 lakhs	Reema, Neelanjana Ray, Kirtana Vasu, AbhilashaGahlawat, R. Srishti, KritiNegi, Charu Jain, Cheshta Jain, AanchalTrikhha, DhulipetaAiswarya
49	SVC-303	<u>Chemistry & Zoology:</u> Dr. Sharda Pasricha Dr. Pragya Gehlot, Dr. Shefali Shukla Dr. Vartika Mathur	Targeting Environmental Sustainability in Industrial waste water and soil treatment through Phytoremediation with Calendula Officinalis in Bhiwadi Industrial Area	4.5 lakhs	Arush Agrawal, Prashant Upadhyay, Arshpreet Kaur, Radhika Sharma, Arushi Garg, Satyajit Lenka, Atul Sharma, Vaishnavi Akanksha N, Heena Kapoor, Rachita
50	SVC-304	<u>Botany & Zoology:</u> Dr. G.P.C.Rao Dr. Abhishek Chandra Dr. Pooja Ghokhale Sinha Dr. Robin Suyesh	Capacity Building of students in Evaluation of Biodiversity with special reference to habitat vegetation Amphibian/ Avifauna in the Delhi Ridge Area.	5.0 lakhs	Mugdha Chawla, Sachin Gupta, Prakriti Sharma, Tanya Joshi, Pawandeep, Abdus Samad, Abhishek Singh, Megha Srigyan, Gaurav Mehta, Jyotsna
51	SVC-305	<u>Zoology:</u> Dr. Om Prakash Dr.Khan Gembam Bronson Kumar	Weed in feed to develop disease resistance against Aeromonashydrophila	5.5 lakhs	Ajar Vats, Anvesha, Neharika Mukherjee, Anupama Nair, Somya Chopra,

			in fish		Divyanshi, Komal Sagar, Akhil, Vindhya Kaushal, Soham
52	SVC-306	<u>Zoology:</u> Dr. Ajaib Singh Dr. V.V.S.N. Rao Dr. Y.K. Gautam	Isolation of novel bacteria from garbage disposal landfills in Delhi, screening for antibiotics or secondary metabolites and genome sequencing	3.5 lakhs	Sahil Yadav, Komal masoun, Rajath R. Prabhu, Payal Thapa, Pallawi Choubey, Akriti Jain, Priyaank Sharma, Vidit Gaur, Piyush Kumar, Ayush Agnihotri
53	SVC-307	<u>History & Physics:</u> Dr. Neeraj Sahay Mr. Saurabh Kumar Dr. Anunay Chaudhary Dr. Anant Pandey	Historical Observatories in India: Investigating its Role and Relevance in the Modern Astronomy.	4.0 lakhs	Shaoni Kar, Gitansh Arora, Aditi Vashishtha, Kritika Khanwal, Agrim Jetwani, R. Akarsh, Divya Sharma, Dewanshu Soni, Raseswari Samal, Navina Lamba
54	SVC-308	<u>Electronics:</u> Dr. J. Lalita Dr. Renu Jain Dr. Rakhi Narang Ms. Shubra Gupta	Development and testing of a Neural Network Based Object sorting Robotic Arm	5.0 lakhs	Akanshu Mahajan, Shaunak Chakraborty, Pradeep, Varun Bharati, Jyotsana Singh, Shikar Gupta, Himanshu Upreti, Kamal Kant Chandra, Mukesh Kumar, Aakash Anand
55	SVC-310	<u>Biochemistry, Botany & Electronics:</u> Dr. Aditi Kothari Mr. Hari Singh Dr. Nandita Narayansamy	Effects of Carbon Nanotubes on plant growth and development	6.0 lakhs	Ishaani Mukherjee, Ambuj Kashyap, Atul, Shreya Wadhawan, Tanya, Apurva, Sanchita, Deepa Bisht, Sanya, Monika.
56	SVC-311	<u>Botany & Chemistry:</u> Dr. Sanjay Batra Dr. Shukla Saluja Dr. H. C. Tandon	Design, Synthesis and Screening of Silver Nanoparticles as Novel Antibacterial and Antimalarial Agents	5.0 lakhs	Ritu Bansal, Dhruv Kholia, Varsha Jha, Sakshi Singh, Mahak Sharma, Madhur Sardana, Vinayak Narang, Abhishek Dogra, Varnika Agarwal, Malemnganbi Soram

57	SVC-312	<u>Biochemistry, Hindi & Telugu:</u> Dr. N. Latha Dr. PunamSood Dr. E. Muralidhara Rao Dr. Shalini Sen	Science in Music Preferences in Indian Society & its implication with respect to Age and Gender Differences	4.0 lakhs	Naina Seth, Prabhat Chaturvedi, Sonal Singh, Madhu Mishra, Sarveshwar , Ramanujan, Sahil Tayal, P A Victorson Pou, Taranjot Kaur, Pradeep Singh
58	SVC-313	<u>Biochemistry & Chemistry:</u> Dr. R.P.Singh Dr.Meenakshi Kuhar	Synthesis of coumarin based triazolylated thiazolidinone derivatives and to study their apoptotic inducer/inhibitor activity	6.0 lakhs	Anuj Sharma, Abhishek Pandey, Ritu Dogra, Pragya Sharma, Charu Gulati, Nishtha Verma, Shradha Mohanty, Vithika Agarwal, Priyanka Pal, Lakshay Malhotra
59	SVC-314	<u>Economics & Hindi,</u> Dr. Arun Bharadwaj Dr. Shailaja Thakur Dr. NutiNamita	Endangered Languages in India	4.0 lakhs	Ekanta Kaur Nagi, Sangat Bose, Ritika Mazumdar, Tenzin lh Awang, Bigam Pertin, Hargun Aiden, Deepanita Misra, Anushka Goel, Deepita Shukla, Ashotosh Singh

Table – 09 : Amount Spent on the facilities developed /augmented in SVC in last five years

S. No	Item of Expenditure	2010-11 (INR)	2011-12 (INR)	2012-13 (INR)	2013-14 (INR)	2014-15 (INR)	2015-16 (INR)
1	Renovation of Lecture Hall Theatre (T1 and T2)	1623934	-	-	-	-	
2	Repair of Shaft Pipes in Arts Block	199600	--	--	--	--	
3	Renovation of Toilets, Male and Female in Arts and Science Block	1674480	--	--	--	--	
4	Bamboo Structured Classrooms	1896920	--	--	--	--	192305
5	Medical Room	145275	--	--	--	--	
6	Research Rooms in Science Block	188310	--	--	--	--	
7	Universal R/O System with Media Filter	5,62,830	2,50,998	1,95,510	1,85,273	84,000	98000
8	Overhead Water Tanks	156250	--	--	--	--	---
9	New Computer Center (Civil, Electrical, Furniture, Computer Systems, UPS and other accessories)	--	9255744	--	--	--	--
10	Boundary Wall Fencing	--	490376	--	--	--	--
11	Improvement of Arts Block	--	2161874	492000	135000	129233	--
12	Improvement of Admin Block (classrooms and corridor)	--	1249906	874444	100000	116677	62735
13	Improvement of Science Block	--	--	1941772	20000	143836	55841
14	Electrical works in Arts and Admin Blocks	--	137298	541577	154099		
15	Electrical Works in Science Block	--	--	15,28,723	42830	--	--
16	Water Leak Proof Treatment for College Building		312178	562206	165017	--	--
17	Improvement of Sports Room Civil and Electrical	--	--	--	299668	--	--
18	Left out works in Admin Blocks, Staff Rooms of Science Block (1360000	256932	430388	--

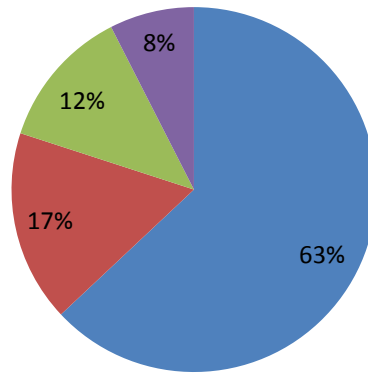
	Civil and Electrical)						
19	Improvement of Science Laboratories (Chemistry, Physics, Botany, Zoology, Bio Chemistry, Botany/Zoology Museums) i. e. Civil and Electrical Works			900000	1175619	888692	--
20	Wall Mounted Steel Cupboards in Science Block Corridors, others	--	--	184019	842513	309838	--
21	Laying of Flooring and Plinth Protection etc. at Auditorium	--	--	1446076	356268	278081	--
22	Repair and painting of external front face of college	--	--	--	857533	1192056	79593
23	Providing Casing, Capping for laying Data Cables	--	--	345042	--	--	--
24	Supply and laying 185/120 sqmt cable at science block	--	--	272791	--	--	--
25	Replacement of 4'-40w Tube light Fittings and 48"/56" ceiling fans in Arts/Admin/ Science Block	--	--	--	503630	125905	--
26	Providing IEI of Electrical wiring to the chemistry labs/ science block ground floor/ first floor	--	--	265914	324381	--	174454
27	Supply Installation, Testing and commissioning of LT Outdoor type cubicle 800A ACB Panel Board inside all the transformers	--	--	--	362307	45289	--
28	Construction of Additional Classrooms – 6 on the First floor of Auditorium	--	--	--	4901958	1103822	--
29	New Furniture for Laboratories (Chemistry, Zoology, Zoology Museum)	--	--		1887813 592530 541000	1084442	--
30	Laying of the tiles for the sump in front of the canteen	--	88897	--	--	--	--

31	Workstations(staff rooms), tables(class/staff room) and office chairs Metal Perforated Chairs	--	--	2334461	692325 486825 226400 195300	--	--
32	IEI cables of electric fixtures to Gym, Record Room at auditorium etc.	--	--	477200	303498	--	--
33	Supply, installation, testing&commissioning of yard street lighting surrounding roads	--	--	--	--	200796	--
34	Misc. works at Hostel and Auditorium	--	--	-	--	--	538433
35	Laying of pavers for car parking at Auditorium	--	--	--	--	16,58,971	--
36	Renovation of Office Block and Entrance Lobby	--	--	--	455787	613947	49256
37	Misc. works Providing & fixing stainless steel railing the art & admn. Block; Improvement of dustbin near parking area; providing and fixing stainless steel railing in the arts Block; Science Block; M.S. Tube steel gates at science block, providing cement concrete road				442566		
	Total	64,47,599	1,39,47,271	1,37,21,735	1,65,07,092	84,05,973	12,50,617

TABLE 10: STUDENTS' FEED BACK OF SVC LIBRARY

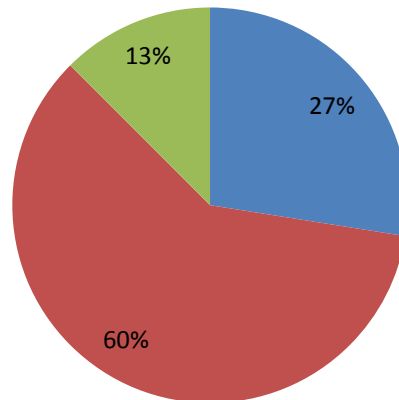
How frequently they visit the library?

■ DAILY ■ WEEKLY ■ MONTHLY ■ NEVER



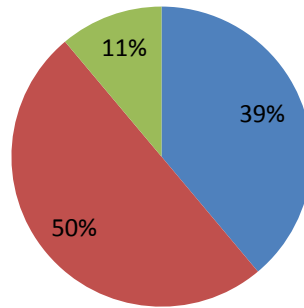
Existing Library rules and regulations

■ Highly Satisfied ■ Satisfied ■ Not Satisfied



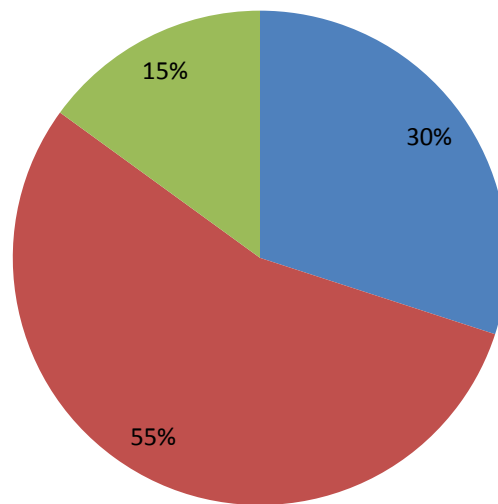
Availability of books etc.

■ Highly Satisfied ■ Satisfied ■ Not Satisfied



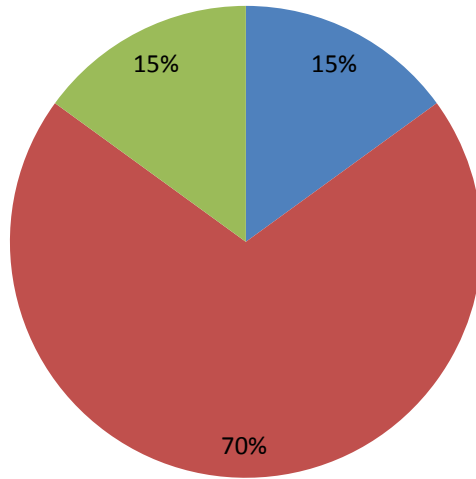
Quantity of Books, Journals available

■ Highly Satisfied ■ Satisfied ■ Not Satisfied



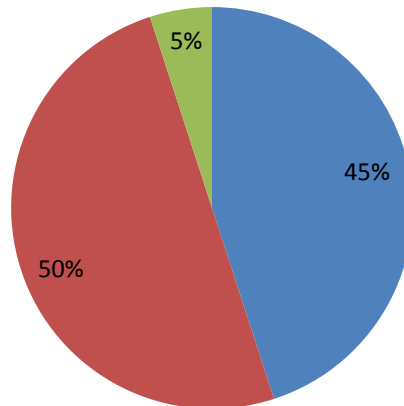
Time taken in transaction of reading materials

■ Highly Satisfied ■ Satisfied ■ Not Satisfied



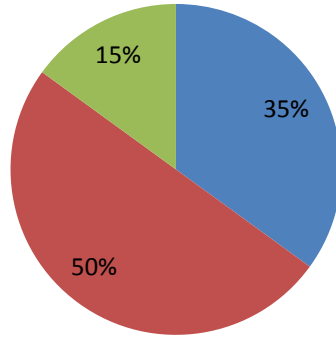
Availability of Library Staff

■ Highly Satisfied ■ Satisfied ■ Not Satisfied



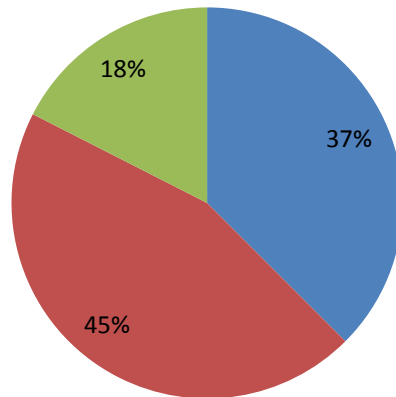
Cooperation of Library Staff

■ Highly Satisfied ■ Satisfied ■ Not Satisfied



Reading environment in the Library

■ Highly Satisfied ■ Satisfied ■ Not Satisfied





UNIVERSITY OF DELHI

दिल्ली विश्वविद्यालय

CB-II/330/Circular/70/NAAC/2014/358

Dated: July 04, 2014

TO WHOM IT MAY CONCERN

This is to certify that "Sri Venkateswara College, Benito Juarez Road, Dhaula Kuan, New Delhi – 110 021" is affiliated/constituent with the "UNIVERSITY OF DELHI" since 1961 and recognized by the University Grants Commission under Section 2(f) and 12(b). The following courses / subjects are taught in the said college as per approval :

Sl. No.	Name of the Course(s) and Duration	Affiliation		Period of Validity for the year(s)
		Permanent	Temporary	
1.	Three Years Course in B.A. (Hons.) Economics, History, Sociology, Political Science, English, Hindi, Sanskrit and B.A. (Programme)	Permanent	-	-
2.	Three Years Course in B.Com (Hons.) and B.Com (Programme)	Permanent	-	-
3.	Three Years Course in B.Sc. (Hons.) in Electronics Physics, Chemistry, Mathematics, Statistics, Botany, Zoology, Biochemistry, Biological Sciences and B.Sc. (Programme) Life Science	Permanent	-	-
4.	One Year P.G. Diploma in Molecular and Bio-chemical Technology	Permanent	-	-
5.	One Year Course in German Language	Permanent	-	-

Ms. Alka Sharma
Registrar

Seal:
Registrar
University of Delhi
दिल्ली-110007/Delhi-110007

The Principal,
Sri Venkateswara College,
University of Delhi.

XEROX COPY



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 002
Phone: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F. No. AICTE/NWRO/DU Colleges/SVC/1-2557889301/2013-14

Date: 29/04/2015

To,

The Vice Chancellor
University of Delhi
University of Enclave
Delhi - 110007

Sub: Letter of Special Approval for the Technical courses run by colleges affiliated to University of Delhi for the academic year 2013-14.

Ref: MHRD letter No. 20-2/2015 TS-II dated 16-02-2015

Sir/Madam,

University of Delhi has changed the duration of all Degree Courses from 3 years to 4 years in the A/Y 2013-14. The duration has again been rolled back to 3 years on the direction of UGC. The duration of B. Tech Programme has however been retained to 4 Years. Further, the approval of AICTE for the 4 Year B. Tech Programme has not been obtained by these institutions. With a view to streamline this, UGC has issued guidelines to University of Delhi vide letter No. 43-10/2013(CU dated 29/06/2014 and University of Delhi forwarded the UGC guidelines to all its colleges for necessary action.

Further, MHRD vide letter No. 20-2/2015 TS-II dated 16-02-2015 has informed that the matter regarding approval of 4 year B. Tech Programmes under the colleges of University of Delhi has been examined in the Ministry. In the light of MHRD directions under clause 20 (I), chapter 4 of AICTE Act, 1987 and the subsequent approval of E.C. in its meeting held on 07/04/2015 and Council Meeting held on 09/04/2015 and 27-04-2015, I am directed to convey the onetime special approval to

Regional Office	NWRO, Chandigarh	Application Id	1-2557889301
Name of the Institute	SRI VENKATESWARA COLLEGE	Institute Address	(UNIVERSITY OF DELHI) BENITO JUAREZ ROAD, DHAULA KUAN, NEW DELHI -110 021
Institute Type	Government aided		

to conduct following courses with the intake indicated below for the academic year 2013-2014

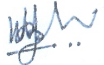
S. No.	Application Id : 1-2557889301			Course	Full / Part Time	Affiliating Body	Intake for 2013-14 as certified by University of Delhi	PIO	NRI
	Programme	Shift	Level						
1	ENGINEERING AND TECHNOLOGY	Ist Shift	UG	ELECTRONICS	Full Time	University Of Delhi	39	NA	NA

All Institutions shall fulfill the following general conditions:

1. The Institution shall not conduct any course(s) in the field of technical education in the same premises / campus and / or in the name of the Institution without prior permission / approval of AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.

2. The institution shall operate only from the approved location, and that the institution shall not open any off campus study centers / extension centers directly or in collaboration with any other institution / university / organization for the purpose of imparting technical education without obtaining prior approval from the AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.
3. The tuition and other fees shall be charged as prescribed by the Competent Authority of the University of Delhi within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students / guardians of students in any form. If found so, appropriate action as per the notified regulations shall be initiated against the Institution by the Competent Authority of the University of Delhi .
4. The teaching and other staff appointed for the course shall fulfill the qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.
5. It shall be mandatory for the institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.
6. It is open for the Competent Authority of the University of Delhi to carry out random inspections round the year for verifying the status of the Institutions to ensure maintenance of norms and standards.
7. The Institution by virtue of the approval given by the Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
8. The Institute shall take appropriate measures for prevention of ragging in any form, in the light of AICTE regulation "Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to Universities imparting technical education" Regulation 2009 (F.No. 37-3/Legal/AICTE/2009 dated 01/07/2009). In case of failure to prevent the instances of ragging by the Institutions, appropriate action as per the notified regulations will be taken.
9. This is a "One time approval" given to the institute for the batch admitted in 2013-14 only and will not be valid for any other technical course without prior approval of the Council.
10. The institute shall submit compliance report of the affidavit regarding the deficiencies existing in the institution within the time duration, failing which, appropriate disciplinary action will be taken.

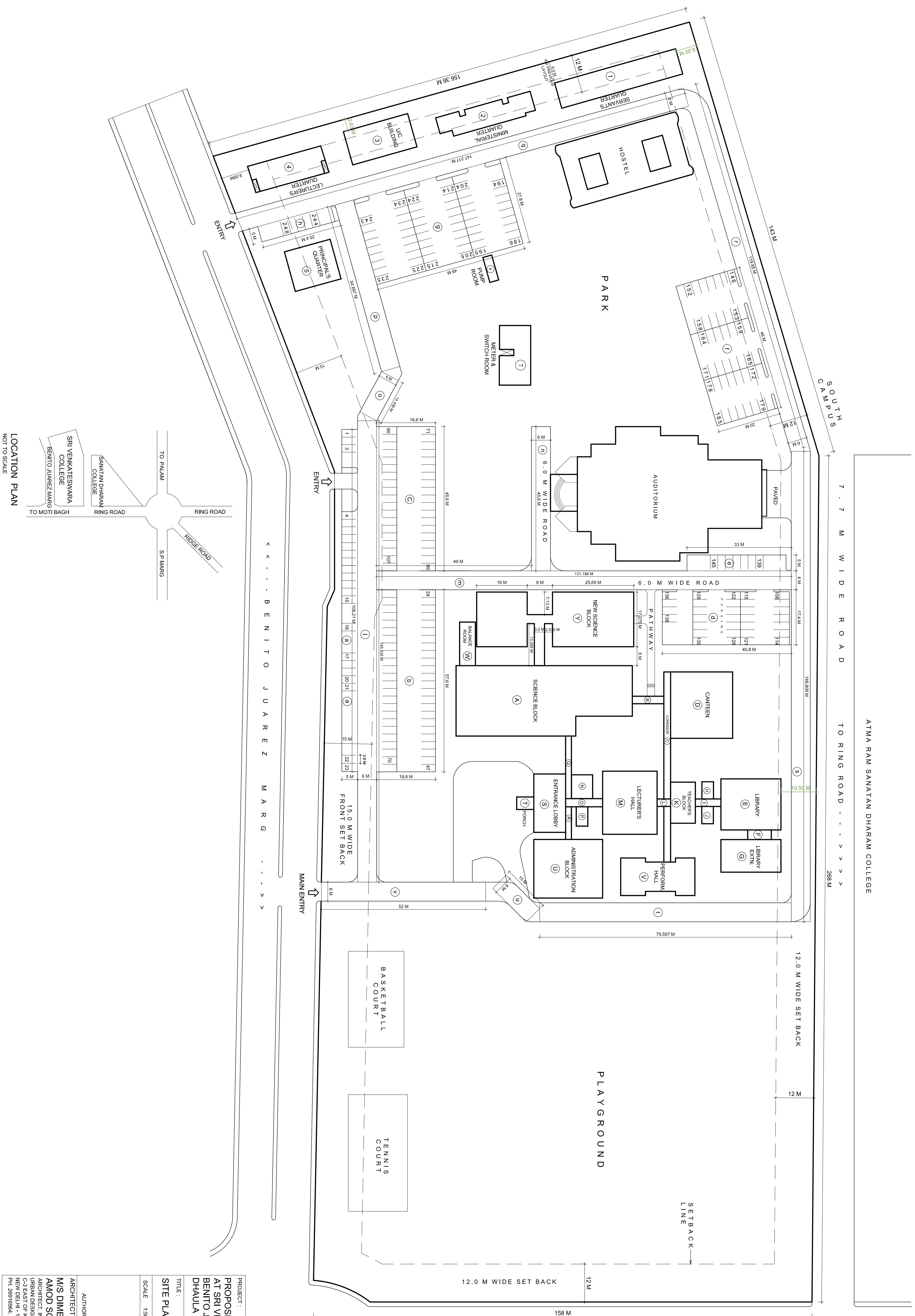
The Management of the Institute shall strictly follow further conditions as may be specified by the Council from time to time. The Competent Authority of the University of Delhi will monitor the Academic Progress and also other administrative matters from time to time and any violation of the above conditions and / or non-adherence to the norms and standards prescribed by the Council, mis-representation of facts and submitting factually incorrect information will be liable for penal action



Dr P.B. Ullagaddi
Advisor-II (Approval Bureau)

Copy to:

1. **The Regional Officer,**
Plot No. 1A, 5th Floor, DTE(Pb..) Building,
Dakshin Mark, Sector 36-A, Chandigarh-160 036
2. **The Secretary to Govt**
Higher Education, MHRD, Shastri Bhawan, New Delhi
3. **The Director Of Technical Education,**
(Higher & Technical Education)
Muni Maya Ram Marg,
Pitam pura, ,
Near T V. Tower, Delhi-110088
4. **The Registrar, University of Delhi** to submit an undertaking stating that the syllabus of the B. Tech courses under the Four Year Undergraduate Programme introduced by it in the AY 2013-14 is at par to the curriculum imparted in AICTE approved institutions. Further the University shall have periodic review of the academic progress in respect of courses under intimation to the Council.
5. **The Principal / Director,**
Sri Venkateswara College
(University of Delhi)
Benito Juarez Road, Dhaura Kuan,
New Delhi -110 021
6. **Guard File(AICTE)**



ATMA RAM SANATAN DHARAM COLLEGE

7.7 M WIDE ROAD TO RING ROAD

BENITO JUAREZ MARG

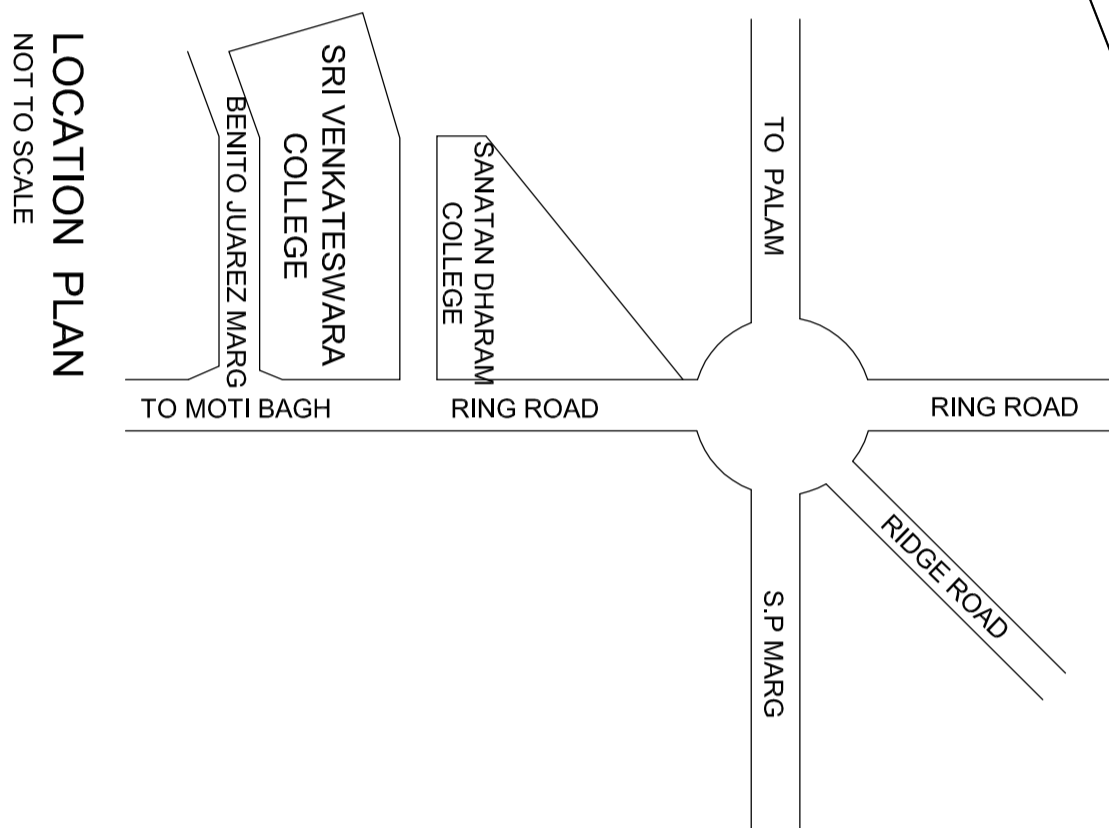
PROJECT :
**PROPOSED / ADDITIONS IN THE EXISTING BUILDING
 AT SRI VENKATESWARA COLLEGE,
 BENITO JUAREZ ROAD UNIVERSITY OF DELHI,
 DHAULA KUAN, NEW DELHI-110021**

TITLE :
SITE PLAN

SCALE 1:500 DRN R.P. CHND AS/000 DATE OCT.-2016

ARCHITECT	ARCHITECT'S SIGN
AUTHORISED SIGNATORY	
M/S DIMENSION ARCHITECTS	
AMOD SOOD	
ARCHITECTS AND DESIGNERS	
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	DRG. NO.

LOCATION PLAN
 NOT TO SCALE



डा. अरुण निगवेकर
अध्यक्ष

Dr. Arun Nigavekar
Chairman

39



SPEED POST

113/Encl: 22

विश्वविद्यालय अनुदान आयोग

बहादुर शाह ज़फर मार्ग, नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION

BAHADUR SHAH ZAFAR MARG

NEW DELHI - 110 002

OFF : (011) 23239628

: (011) 23221313

FAX : (011) 23231797

E-mail : narun42@hotmail.com

F.No.12-1/2003(NS/PE)

Dear Prof. Nayyar,

September 2, 2004

10 SEP 2004

This has reference to your communication dated 02.12.03 recommending three colleges under the Scheme "Colleges with Potential for Excellence" (CPE). The proposals of the colleges recommended by your University were evaluated by the Standing Committee/ Working Group appointed for the above purpose.

I am happy to inform you that the following college(s) has/have been selected for the award of CPE status in the first round.

1. **Gargi College, Delhi-110 049**
2. **Sri Venketeswara College, Delhi-110 021**

For further details regarding selection of colleges under CPE kindly refer to UGC Website www.ugc.ac.in.

Kindly ask the Principal(s) of the College(s) to give a Certificate that the data provided by them in the proposal were factually correct. We would want you to inform the college(s) that if the data submitted by the college(s) are found incorrect, the CPE status would be revoked, as per the provision in the Guidelines on CPE.

You may request the college(s) to prepare an Action Plan for the years 2004-05 to 2006-07 along with the budgetary requirements in accordance with the CPE Guidelines, a copy of which has already sent to you and also available on our website. The colleges selected would be given the entire allocation during remaining period of X Plan, as specified in the Guidelines. An advance grant is also being released separately.

Some time during October 2004, the Principals of the colleges will be required to make a presentation about their Action Plan before an Expert Committee at UGC office, New Delhi. Further details will be sent to the college(s) in due course.

Contd...

Continuation Sheet

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If the above mentioned college(s) has/have not obtained autonomous status and/or accreditation by NAAC, you may kindly advise them to take immediate steps in this regard. In case your University Act does not provide for conferring autonomous status to the colleges, I request you to take necessary steps to introduce suitable amendments in your University Act.

Finally, I would like to inform you that wherever the slots fixed for a State/Union Territory has not been filled up during the first round, fresh proposals will be invited in due course to fill up the vacant slots.

Receipt of this letter may kindly be acknowledged.

With kind regards,

Yours sincerely,

(A. Nigavekar)

Prof. Deepak Nayyar
Vice-Chancellor
University of Delhi
Delhi-110 007

✓ Copy to :-

The Principal
Sri Venketeswara College
Benito Juarez Marg
Dhaura Kuan
Delhi-110 021

K. Gunasekaran
(K. Gunasekaran)
Joint Secretary

BT/HRD/11/07/2011

Government of India

Ministry of Science & Technology

Department of Biotechnology

Block 2, 6-8th Floors
CGO Complex, Lodi Road
New Delhi - 110003
Dated: 20/05/2011

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Power Rules, 1978 for the financial support for strengthening of life science and biotechnology education and training at undergraduate level under Star College Scheme to Sri Venkateswara College, Benito Juarez Road, Dhaula Kuan, New Delhi-110021 at a total project cost of ₹ 66.00 lakhs (Rupees Sixty six lakhs only) for three years as per budget details given below:

(₹ in lakhs)

Name of the Departments	Non recurring grant for 1 st year @ ₹ 5 lakhs per department	Recurring grant for 1 st year @ ₹ 2 lakhs per department	Recurring grant for 2 nd year @ ₹ 2 lakhs per department	Recurring grant for 3 rd year @ ₹ 2 lakhs per department	Total cost
Biochemistry, Biotechnology, Botany, Chemistry, Zoology Physics	30.00	12.00	12.00	12.00	66.00

- Dr. P. Hemalatha Reddy, Principal & Coordinator, Sri Venkateswara College, Benito Juarez Road, Dhaula Kuan, New Delhi-110021 will be the coordinator for this programme and will submit utilization certificate and statement of expenditure duly signed by her, finance/accounts officer of college and head of college in duplicate at the end of financial year.
- The college is required to implement the programme as per the terms and conditions and guidelines given in Annexure I & II respectively.
- The accounts of the programme to be maintained by the Sri Venkateswara College, Benito Juarez Road, Dhaula Kuan, New Delhi-110021 shall be open to inspection by the sanctioning authority/ audit, whenever the college is called upon to do so by the sanctioning authority.
- The expenditure involved is debitable to:

Recurring

Demand No.87	: Department of Biotechnology
3425	: Other Scientific Research (Major Head)
17	: Human Resource Development
17.07	: Biotechnology Education and Training
17.07.31	: Grants-in-Aid General

Continue... 2/-



శ్రీ వేంకటేశ్వర కళాశాల
Sri Venkateswara College
(University of Delhi)

Benito Juarez Road, Dhaula Kuan, New Delhi - 110021
Ph. : 011-24112196, 24118590, Telefax : 011-24118535
principal@svc.ac.in

Dr. Hemalatha Reddy
Principal

Ref.No.SVC/CAG-Audit 2013 ATR/2013/126375

30.09.2013

The Chief Accounts & Auditing Officer
(AMG -IV)
Office of the Director General of Audit (Central Expenditure)
Indraprastha Estate
New Delhi - 110 002.

Sub: Sri Venkateswara College, New Delhi - Auditor Report for the years 2009-2013 - Submission of Action Taken Report on the Audit Objections - reg.

Dear Sir,

With reference to the letter no.AMG-IV/IR/4-30/Sri Venkateswara College/633, dated 5th July, 2013 on the above subject, I am submitting herewith the action taken report on the audit observations/report pertaining to this college for your kind information and record.

Thanking you,

Yours sincerely

PRINCIPAL

Encl: as above

Copy to: The Vice Chancellor, University of Delhi, Delhi - 110 007, for kind information.

GB file/CAG file/m.f.

SRI VENKATESWARA COLLEGE : DHAULA KUAN : NEW DELHI – 110 021

Inspection Report on the audit of accounts of Sri Venkateswara College for the year 2009-10 to 2012-13

Action Taken Report – parawise:

PART II – A

Para 1 : Short recovery of license fee amounting to Rs.15.25 lakh from outside agencies:

As per the observations of CAG an amount of Rs.15.25 lakhs bill has been shown for short recovery of licence fee from canteen, Andhra Bank and Photostat Centre. The Photostat book shop, canteen and Andhra Bank are the amenities provided to the students. They have been provided with subsidized licence fee in order to provide the students the deliverables in a subsidized rate. As the student community comprises of 54% of reservation students due to the implementation of OBC policy. The amenities being provided to them should also be subsidized logically. The commercial rents and overhead charges with electricity and water will overall increase the rates with which their facility will operate to the end user. Therefore, college has taken a decision to provide rentals at minimal rates, which will ultimately benefit the students.

However, as far as Andhra Bank is concerned, the rental collection as suggested by the Audit would be implemented on approval from the college Governing Body.

Para 2 : Non-contribution of management share of 5 percent Rs.165.49 lakh

The observation has been communicated to the College Management at Tirupati for release of Management Contribution. It is expected that the contribution will be sent at an early date.

Para 3 : Non-utilization of Grants:

A. Non-utilization of grant for OBC expansion:

Out of the grants received, an amount equivalent to 75% to 80% was spent under various heads viz. Repairs and Renovations, Furniture, Bamboo Structures etc. The progress report to this effect has also been submitted to the University of Delhi, the funding agency. Further, it is to submit that the plans for the new buildings have been submitted to Delhi Development Authority for necessary approvals. The necessary approvals are expected very shortly and the construction work will be started with the funds earmarked for the purpose.

Para 4 : Non deduction of medical contribution of Rs.20.75 lakh from the beneficiaries

As per Delhi University circular in the months of February 2013 the medical contribution was made mandatory only for the staff residing within 8 kms. radius of WUS (North & South Campuses) and for the rest it is not mandatory. Hence, such contribution from all staff members could not be effected. However, the advice of the CAG has been communicated to the University of Delhi and contribution would be enforced as and when, the Delhi University issues such notification.



Principal
Sri Venkateswara College,
Dhaura Kuan, New Delhi-21

PART II - B

Para 1: Non-conducting physical verification of stores Rs:102.00 lakh

As per the Audit observations, necessary measures/actions have been already taken by the college for physical verification of all stores. The inventory of all the individual departmental stores and central stores are being verified and the report will be submitted within two months time.

Para 2: Excess payment of Rs.8.96 lakh in arrear for retrospective promotion

The college started recovering the excess payment made to the staff members.

Para 3: Loss of interest of Rs.13.93 lakh

Steps have been taken to convert the account as flexi account to earn more interest on the balances.

Para 4: Undue benefit to contractors

- (i) The audit observations on the subject have already been conveyed to the college Management. The terms and conditions for all the works (agreements) made in future 1% water charges as per the DSR rate analysis.
- (ii) The agreements relating to construction works are made according to rules applicable as per Government of Andhra Pradesh by our Management, TTD. However, the observations of audit has been conveyed to TTD and we are assured of necessary inclusions in respect of labour cess in future.

Para 5: Irregular payment of TA for Rs.46972/- while on leave (CCL/EL/CML/HPL)

The college has already recovered the TA amounting to Rs.46,972/- from its employees.

Para 6: Non-recovery of electricity charges

Recovery on the part of electricity charges has already been effected.

Para 7: Wasteful expenditure of Rs.2.64 lakh due to improper assessment of requirements

The college prospectus are issued for price to students seeking admission to college. However, it is difficult to estimate the number of prospectus to be sold. Cognisance is duly accorded to Audit advise and the same would be put into action in future. Necessary steps are taken to weed-out the unsold prospectus with appropriate approvals from college Governing Body.

Para 8: Excess payment of Rs.22.03 lakh during study leave

- (A) Excess payment due to annual increment during study leave Rs.3.89 lakh



Principal
Sri Venkateswara College
Dhaulta Kuan, New Delhi-21

The recovery of excess payment due to annual increment during study leave (Rs.3.89 lakhs) has already been started from the employees.

Similar cases have been taken for review and necessary action for recovery, if any, would be initiated.

(B) Irregular payment of HRA of Rs.14.41 lakh

The college issued letters for certification on HRA drawn during the study leave from all the listed employees as per the audit report.

(C) Irregular payment of half pay of Rs.2.64 lakh during study leave with financial assistance of more than \$20,000 p.a.

The college Governing Body has granted half-pay leave to the employee under erroneous interpretation of the rule for grant of pay during study leave spent outside India under a fellowship.

However, as advised by the audit the recovery has started.

(D) Irregular payment of TA of Rs.1.09 lakh

The college has taken action on recovery of Rs.1.09 lakh from the staff members

Para 9 : Non-remittance of the unutilized project grant for Rs.5.62 lakh

As per the advice of audit, the funds have been remitted to the college accounts and the assets purchased with this grant has been included in the college stock register.

Para 10 : Comments on Accounts

(A) College main accounts

As explained to the audit team, due to technical reasons there was delay in finalization of audited accounts for the year 2009-10. The audited accounts for 2010-11 & 2011-12 were not processed by the auditors. However, consequent to clearance of audited accounts 2009-10 by the Treasurer, the accounts for 2010-11 has also been audited by the auditors and the remaining period 2011-12 is in progress.

(i) & (ii) The advice of the audit in respect of depreciation of assets and negative balances under certain sub-heads of the Society Account has been discussed with the college auditors and necessary steps in this regard has been initiated.

Para 11 : Undue benefit to supplier for purchase of fixtures for computer centre : Rs.19.71 lakh

The purchases of computer centre furniture from Godrej Boyie and supplied by M/s Simplex, channel partner was necessitated primarily due to both emergency as well as standardisation due to the following two facts:



Principal
Sri Venkateswara College
Dhaura Kuan, New Delhi-21

- (i) the systems were supplied by Delhi University and were lying in the college stores and the agency entrusted with the job of installation has visited college several times but could not carryout installation due to ICT lab was still not ready. This was recorded as "site not ready" at every visit till the furniture was ready in July/August 2011.
- (ii) M/s Godrej & Boyie was on rate contract with Delhi University for supply of similar furniture and it was considered that there would be price rationalisation and standardisation in quality, since, the referred company is a leading manufacturer of office furniture and has been in the business of supplying such furniture to many government departments. Accordingly, the work was executed with precision and quality supported by a good after sale service undertaking.

Para 12 : Non-compliance of UGC regulations for work load of teachers

The advise of audit would be effected as and when Delhi University notifies accordingly

Para 13 : Income Tax calculation resulted in loss of Rs.8.25 lakhs

- (A) Notices are issued to the employees and necessary action based on their replies would be initiated in due course
- (B) the cases are being reviewed and appropriate action in this regard is underway
- (C) Action has been initiated for deduction of tax u/s 192 considering the previous year tax liability
- (D) Notices have been issued to employees and it is being informed that the spouses are filing the ITR taking this rent income into account.
- (E) The employee is issued notice and appropriate action is initiated in this matter.
- (F) The employees have intimated that they are including this income while filing their ITR. A copy of the ITR is being asked to be submitted to college.

Para 14 : Excess payment of Rs.3.27 lakh due to irregular LTC claims

- (A) The rules relating to LTC etc. are always routed through University of Delhi by the UGC/MHRD. There is a time gap in the college receiving them. The LTC claims of Ms.Sunita Chhabra dated 16.5.2009 by spice jet was permitted as per the earlier GOI OM allowing LTC travel by private airline. In case of others, where tickets were purchased through agents other than being permitted by GOI, there was no proper communication from Delhi University till a notification received at the end of January 2013.

The claim of Mr.S.Chandrasekhar was permitted following his statement of having travelled to Madanapalle a place in Andhra Pradesh, nearest to Bengaluru by a private taxi. However, the claim was allowed only upto Bengaluru.

However, care would be taken to act according to GOI notifications in this regard in future.



Principal
Sri Venkateswara College
Dhaura Kuan, New Delhi-21

- (B) Action has been initiated for recovery
- (C) Action has been taken for recovery
- (D) Recovery has started from the salary of Dr. Abhijit Kundu

Para 15 : Irregular submission in GPF account & interest payment for Rs.16.41 lakh

Action taken and the disallowed subscriptions are returned to the subscribers as per the list provided by the audit.

Para 16 : Unauthorized fine collection procedure

System established for collection of fine against a receipt being issued.

Para 17 : Non deduction of ESI as per ESI Act out of payment to contractor for supply of men power for Rs.7.36 lakh.

The previous agency viz. Chase Detective & Security Agency Pvt. Ltd., was not claiming EST and no such payment was made by the college.

However, the new agency, M/s MSB Securities have already submitted ESI numbers for the staff on college duty and statement from the agent as assured to be submitted.

Para 18 : Vacant posts in Sri Venkateswara College

Advertisements have already been given for filling up the permanent vacant posts as approved by the University of Delhi.

Para 19 : Improper quotation called for purchase of animal in Zoology Department

The two companies P M Scientific and T K Scientific Traders are blacklisted. Procured quotations from 15 suppliers for the coming academic session.

Para 20 : Discrepancy in rates of same items in Stock Registers

Centralized purchasing has been put in place to avoid such differential rates for the same item by two different departments.



Principal
Sri Venkateswara College
Dhaulta Kuan, New Delhi-21

PART II – C
(Test Audit Note)

Para 1 : No responsibility fixed for shortage found during Physical verification

Stock verification will be done in the first week of October and discrepancies will be corrected.

Para 2 : Non uniformity of Voucher Number

Necessary correction is undertaken in this matter

Para 3 : Non maintenance of Expenditure Control Register

Expenditure Control Register is maintained post the audit

Para 4 : Bank reconciliation statement

Bank reconciliation done simultaneously with audit of accounts by the college auditor and steps have been taken for appropriate action in this regard.

Para 5 : Non conducting of Physical Verification of Books in Library

Physical verification and recommendations for weeding of unwanted/outdated books would be completed by December.

Para 6 : Discrepancies in the maintenance of Service Books

Necessary steps are taken as per Audit advise for maintenance and updating of Service Registers and for corrections to be undertaken in respect of pay disbursal to Dr.Padma Priyadarshni and increment given to Mr.S.Krishna Kumar.



Principal
Sri Venkateswara College
Dhaura Kuan, New Delhi-21

**UNIVERSITY GRANTS COMMISSION (Annexure - III)
STATEMENT OF EXPENDITURE**

Name of Institution

: Sri Venkateswara College

Allocation & Sanction letter No. and date

: No. F. 14-16/2007 (DC), 2008/ 6-01-2009

Development Assistance Grant

Total Revised Allocated Grant under Development Assistance Scheme

- Rs. 20,00,000.00

Grant Sanctioned as 40% revised Allocation released under Development Assistance Scheme

- Rs. 8,00,000.00

Total Grant Released as 40% revised Allocation released under Development Assistance Scheme (in two instalments)

- Rs. 5,00,000.00

S.No.	Item	Allocation in X plan Rs.	Revised Allocation Rs.	40% of Revised Allocation Rs.	Total Grant Sanctioned and paid Rs.	Expenditure Incurred (upto 30.09.2012) Rs.
1.	Books and Journals	3,00,000.00	6,00,000.00	2,40,000.00	1,50,000.00	1,50,838.00
2.	Equipment	3,00,000.00	6,00,000.00	2,40,000.00	1,50,000.00	1,56,099.00
3.	Field Work	50,000.00	1,00,000.00	40,000.00	25,000.00	41,630.00
4.	PTAC	50,000.00	1,00,000.00	40,000.00	25,000.00	25,000.00
5.	Improvement Facilities in Hostel	3,00,000.00	6,00,000.00	2,40,000.00	1,50,000.00	1,58,360.00
Total		10,00,000.00	20,00,000.00	8,00,000.00	5,00,000.00	5,31,927.00

Grand Total of Expenditure Incurred under Development Grant of UGC XI Plan is sum of Rs.5,31,927/- (In Words: Five Lakhs thirty One Thousand Nine Hundred twenty seven only)

Signature of the Coordinator

Signature of Principal (seal)



26/08/2014
A.No. Q85271

PRINCIPAL
Sri Venkateswara College
(University of Delhi)
Dhaula Kuan, New Delhi-110021

UNIVERSITY GRANTS COMMISSION

UTILIZATION CERTIFICATE

It is certified that the amount of Rs. 5,31,927/- (Five Lakhs thirty One Thousand Nine Hundred twenty seven only) out of total grant of Rs.5,00,000/-(Five Lakhs only) sanctioned to Sri Venkateswara College (University of Delhi), Dhaula Kuan, New Delhi by the University Grants Commission vide its letter No. F.14-16/2007 (DC); 2008dt. 6.1.2009 towards Nonrecurring and Recurring expenditures of various heads (details in annexure of SE) under **Development Grants** of UGC XI Plan scheme has been utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions as laid down by the Commission.

A Sum of **Rs.31,927.00 (Thirty One Thousand Nine Hundred Twenty Seven Only)** may be released to the college so as to adjust for the same.

If as a result of check or audit objection some irregularities are noticed at a later stage, action will be taken for refund, adjustment or regularization.




Signature of the Coordinator of the Programme
/Head of the Department

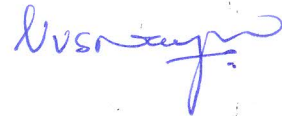


Signature of Principal
(With seal)

PRINCIPAL
Sri Venkateswara College
(University of Delhi)
Dhaulta Kuan, New Delhi-110021




M. No. 085271
26/8/2014



ASSETS CERTIFICATE

It is certified that inventories of permanent or semi-permanent assets created / acquired wholly or mainly out of the grant given by the University Grants Commission for Non – Recurring items viz., Equipment's, Books under **Development Grants** of UGC XI Plan scheme are being maintained in the prescribed form/stock registers and are being kept up to date.



Signature of Principal
(With seal)

PRINCIPAL
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021

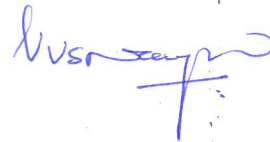


Signature with seal
Govt. Auditor/ Chartered Accountant

Ravindra Sharma
M. No. 085271

26/8/2014

RSA/0007/2015



UNIVERSITY GRANTS COMMISSION

ANNEXURE - F(b)

STATEMENT OF EXPENDITURE (Merged Scheme)

Name of Institution : Sri Venkateswara College

Allocation letter No. and date : No. F. 1-18/2009, 31st March, 2010

Sanction letter No. and date : No. F. 1-18/2008(DC) 31st March, 2010

Merged Scheme - Total Sanctioned Grant - Rs. 64.42 Lacs

Grant released under Merged Scheme - Rs. 33.26 Lacs

S.No.	Name of the Scheme	Items	Allocation as per guidelines	Grant already released	Grant being released	Expenditure incurred (upto 30.09.2012)	Total Grant
	Merged Scheme			3.00			
1.	Improvement of facilities in existing premises (ceiling of Rs.2.00 Lakhs)	Common room and toilet facilities for Women	2.00				
2.	Rejuvenation of Infrastructure in Old colleges (Establishment before 15 th August, 19947) (Ceiling of Rs.15.00 Lakh)	Building	0.00				
3.	Catch-up grant for young college (Recognized under sections 2(f) and 12B during Tenth Plan and thereafter (Ceiling of Rs.12.00 Lakhs)	Building (limited to Rs.9.00 Lakh)	0.00				
		Books and Journals	0.00				
		Equipment	0.00				
4.	College Located in Rural/Remote/Border/Hill/Tribal Areas (Ceiling of Rs.10.00 Lakhs)	Accommodation for teachers/students on rental basis	0.00				
		Conveyance allowance to	0.00				

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S.No.	Name of the Scheme	Items	Allocation as per guidelines	Grant already released	Grant being released	Expenditure incurred (upto 30.09.2012)	Total Grant
		students					
		Developing and implementing location specific curricula	0.00				
5.	Colleges with relatively higher proportion of SC/ST/OBC (excluding creamy layer) and Minorities (At least 35% of the students may comprise SC/ST/OBC. (Non-creamy layer)/Minorities/economically deprived physically challenged or college is Minority Institution)(Ceiling of Rs.6.00 Lakhs)	Stipend for students (Family income not to exceed Rs.5000/- per month)	6.00		3.00	5,36,647.00	
6.	Special grant for enhancement of initiative for capacity building in colleges (Ceiling of Rs.7.00 Lakhs)	Books & Journals	1.00		0.50	57,940.00	
		Equipment	2.00		1.00	1,05,905.00	
		Building Classroom, Laboratory	2.00				
		Furniture, Fixtures for new classroom, Laboratory	2.00		1.00	99,066.00	
7.	Establishment of Day Care Centres in Colleges (Ceiling of Rs.2.00 Lakhs)	Essential facilities	2.00		1.00	NIL	
8.	Colleges in Backwards areas (Identified Districts enclosed)(Ceiling of Rs.12.00 Lakhs)	Building (Limited to Rs.00 lakh)	0.00				
		Books and Journals	0.00				
		Equipment including PC (where not adequate more than 50 students)	0.00				

Prasad

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S.No.	Name of the Scheme	Items	Allocation as per guidelines	Grant already released	Grant being released	Expenditure incurred (upto 30.09.2012)	Total Grant
9.	Establishment of UGC-Network Resource Centre (UGC-NRC)(First time assistance) (Ceiling of Rs.2.50 Lakhs)	Pentium PC (latest)Printer, UPS, Software, Fax Modem	0.00				
	(0.12 Lakhs p.a. for 5 years)	Internet connectivity	0.00				
10.	Establishment of UGC Network Resource Centre (UGC-NRC)(Second time assistance) (Ceiling of Rs.1.00 Lakh)	Purchase up-gradation of computers	0.00		0.00		
	(0.12 Lakhs p.a. for 5 years)	Internet connectivity	0.36		0.20	20,500.00	
11.	Equal Opportunity Centre in Colleges (PG College 0.75 Lakh p.a.) (3.75 Lakhs for 5 years)	Contingency, meetings, honorarium to Advisor (PG college Rs.0.50 lakh pa) (UG college Rs.0.30 lakh p.a.)	0.90		0.45	48,000.00	
		Short term course on positive discrimination (Rs.0.25 lakh p.a.)	0.00				
12.	Remedial coaching for SC/ST/OBC (excluding creamy layer) and Minorities (100 students must belong to categories mentioned) (Ceiling of Rs.3.00 Lakhs)	Equipment	3.00		1.50	1,55,426.00	
	(Ceiling of Rs.2.00 Lakhs)	Books and Journals, study Materials	2.00		1.00	1,05,302.00	
	(Ceiling of Rs.10.00 Lakhs)	Recurring items including honorarium remuneration, TA, payment to part-time LDC, contingency	6.00		3.00 + 3.00 (Dev Grant) = 6.0	7,09,650.00	
13.	Coaching for NET/SET for SC/ST/OBC (excluding	Equipment	2.50		1.25	1,27,508.00	

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S.No.	Name of the Scheme	Items	Allocation as per guidelines	Grant already released	Grant being released	Expenditure incurred (upto 30.09.2012)	Total Grant
	creamy layer) and Minorities (College with postgraduate department only) (Ceiling of Rs.2.50 Lakhs)						
	(Ceiling of Rs. 1.00 Lakh)	Books, Journals, Study Materials	1.00		0.50	53,045.00	
	(Ceiling of Rs.7.50 Lakhs)	Recurring items including honorarium remuneration, TA, Payment to part-time LDC, contingency	4.50		2.25	2,53,500.00	
14.	Coaching classes for entry in services for SC/ST/OBC (excluding creamy layer) and Minorities (100 students must belong to the categories mentioned) (Ceiling of Rs.3.00 lakhs)	Equipment	3.00		1.50	1,88,025.00	
	(Ceiling of Rs.2.00 Lakhs)	Books, Journals, Study Materials	2.00		1.00	1,02,216.00	
	(Ceiling of Rs. 10.00 Lakhs)	Recurring items including honorarium remuneration, TA, Payment to part-time LDC, contingency	6.00		3.00	2,95,400.00	
15.	Higher Education for persons with special needs (HEPSN) (0.50 lakhs p.a.)(2.50 lakh for 5 years)	General administration, stationary, contingency, services of experts and personnel for organizing awareness programmes	2.50		1.25	1,88,185.00	
16.	(Component-1) Establishment of Enabling Units for differently-abled persons 0.48 lakh p.a. (2.40 lakhs for 5 years)	Honorarium to coordinator	1.44		0.75	90,000.00	
17.	(Component – 2) providing access to differently able persons (one time assistance)(ceiling of Rs.5.00 Lakhs)	Ramps, rails, toilets etc to suit special needs of differently-abled persons	5.00		2.5	2,49,638.00	
18.	(Component – 3) providing special equipment to	Computers with screen	1.50		0.75	1,10,488.00	

P. Kumar

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Dhaura Kuan, New Delhi-110021

R. V. S. Singh



S.No.	Name of the Scheme	Items	Allocation as per guidelines	Grant already released	Grant being released	Expenditure incurred (upto 30.09.2012)	Total Grant
	augment educational services for differently-abled persons (one time assistance)(ceiling of Rs.1.50 lakhs)	reading software, low-vision aids, scanners, mobility devices					
19.	Financial assistance to visually challenged teachers (0.18 lakh p.a. for 1 teacher)	Payment to Reader, purchase of Braille books/material, recorded materials equipment	0.72		0.36	41,764.00	
20.	Career and Counseling Cell (Ceiling of Rs.2.00 Lakhs)	Computer with Internet laser printer, photocopier, fax	2.00		1.00	1,61,174.00	
	(Ceiling of Rs.1.00 Lakh p.a.)	Hiring charges, TA/DA to counselor, Resource person, payment of honorarium, reading material contingency.	3.00		1.50	1,45,328.00	
		Total	64.42	3.00	33.26	38,44,707.00	33.26

Merged Scheme - Total Sanctioned Grant - Rs. 64.42 Lacs
Grant released under Merged Scheme - Rs. 33.26 Lacs

Grand Total of Expenditure Incurred under Merged Scheme of UGC XI Plan: Rs.38,44,707.00 (Thirty Eight Lakhs Forty Four Thousands Seven Hundred Seven Only)

Signature of the Coordinator

P. Kumar

[Signature]

01.16.05527
26/09/2014



Signature of Principal
(With seal)

[Signature]

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(University of Delhi)
Dhaura Kuan, New Delhi-110021

[Signature]

UNIVERSITY GRANTS COMMISSION

UTILIZATION CERTIFICATE

It is certified that the amount of **Rs.38,44,707.00 (Thirty Eight Lakhs Forty Four Thousands Seven Hundred Seven Only)** out of total grant of Rs.33,26,000.00 (Thirty Three Lakhs Twenty Six Thousands) sanctioned to **Sri Venkateswara College (University of Delhi), Dhaula Kuan, New Delhi** by the University Grants Commission vide its letter No(s). F. 14-6/2007(DC) dated 07th February, 2008 (3 Lakhs) & F.1-18/2008(DC) 31st March, 2010 (30.26 Lakhs) towards Nonrecurring and Recurring expenditures of various heads (details in annexure of SE) under merged scheme of UGC XI Plan scheme has been utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions as laid down by the Commission.

A Sum of **Rs.5,18,707.00 (Five Lakhs Eighteen Thousand Seven Hundred Seven Only)** may be released to the college so as to adjust for the same.

If as a result of check or audit objection some irregularities are noticed at a later stage, action will be taken for refund, adjustment or regularization.




Signature of the Coordinator of the Programme
/Head of the Department



Signature of Principal
(With seal)

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19.11.085211
26/08/2014


ASSETS CERTIFICATE

It is certified that inventories of permanent or semi-permanent assets created / acquired wholly or mainly out of the grant given by the University Grants Commission for Non – Recurring items viz., Equipment's, Books under Merged Scheme of UGC XI Plan are being maintained in the prescribed form/stock registers and are being kept up to date.



Signature of Principal
(With seal)

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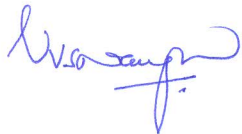
Ravindra Sharma &

Signature with seal M.No 085271

Govt. Auditor/ Chartered Accountant

26/08/2014

RSA/0009/2015





The little space within the heart is as great as
this universe, the heavens and the earth are
there, the sun, the moon, the stars, fire and
lighting and winds...

for the whole universe is in Him and He
dwells within our heart

- Chandogya Upanisad 8-1