



MEMORANDUM OF UNDERSTANDING

Between

TRANSLATIONAL HEALTH
SCIENCE AND TECHNOLOGY
INSTITUTE (THSTI)

Faridabad, Haryana

&

Tirumala Tirupati Devasthanam's

SRI VENKATESWARA COLLEGE

University of Delhi, New Delhi

for encouraging students to take science and
technology as a career option

PROF. PRAMOD K. GARG
Executive Director
THSTI, Faridabad

DR. ANJU KAICKER
Coordinator
SVC, New Delhi

PROF. C. SHEELA REDDY
Principal
SVC, New Delhi



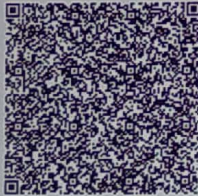
सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

e-Stamp

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First Party	: TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE THSTI
Second Party	: SRI VENKATESWARA COLLEGE
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1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

MEMORANDUM OF UNDERSTANDING FOR IMPLEMENTING THE SCIENCE SETU PROGRAMME IN COLLEGES

This Memorandum of Understanding (MoU) between The TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE (THSTI), and Sri Venkateswara College hereinafter called parties of the first part and second part respectively.

2. WHEREAS THSTI located at NCR-Biotech Science Cluster, 3rd milestone, Faridabad-Gurgaon Expressway, PO Box no. 04, Faridabad-121001 is an autonomous institute of the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, registered under the Society Registration Act, 1860;

3. WHEREAS, Sri Venkateswara College is a constituent college of the University of Delhi;

4. WHEREAS, The *Science Setu* Programme approved by the Governing Body of the THSTI aims to contribute to the national goal of encouraging more and more bright young minds to take up the pursuit of science and technology as a career option;

5. WHEREAS, both parties of the first and second part wish to come together in synergistic partnership to implement the above-said *Science Setu* Programme, this Memorandum of Understanding is being executed to clarify the intent and purpose and mode of implementation of the programme.

6. Now, the parties of this MoU mutually declare and agree to the following:

6.1 Name:

The name of the programme will be **THSTI - Sri Venkateswara College**

6.2 Goal:

To contribute to the national goal of encouraging more and more bright young minds to take up the pursuit of science and technology as a career option

6.3 Objectives:

- a) To address the changing needs of teaching, learning and research in biological sciences
- b) To link the Translational Health Science and Technology Institute (THSTI) in the spirit of "success through access" to undergraduate teaching in biological sciences
- c) To engage a talent pool of potential biology students in the delivery of innovation, research and continuous development
- d) To act, through all the above, as a catalyst of change

6.4 Mode of Implementation:

- a) THSTI and Sri Venkateswara College commit themselves to interact through mutual consultation and formal partnership towards meeting the goal and objectives of the programme.
- b) Engagement with the Sri Venkateswara College by THSTI would be on-site, and/or through *e-learning* approaches depending on feasibility.
- c) This commitment shall be treated as a national service intrinsic to the mandate of THSTI, and Sri Venkateswara College and shall neither involve remuneration/honoraria in any form, nor be treated as a cause for modification of any current institutional goals.
- d) Adequate flexibility would be built in to ensure that the programme adds value to undergraduate education.
- e) The level of engagement and the best time to commence the same will be decided through mutual consultation.
- f) Programme of engagement could include one or more of the following depending on specific need and feasibility:
 - (i) Lectures/discussion
 - (ii) Laboratory exercises
 - (iii) Mentorship to student science projects
 - (iv) Mentorship to teacher science projects
 - (v) 'College Teacher Forums' to discuss broad issues on latest developments in science, career opportunities, innovative methodologies in teaching/research, science & technology policy issues, and other related areas.
 - (vi) Summer student/teacher internships
 - (vii) Any other as mutually agreed

6.5 Role and Responsibilities of THSTI:

- a) THSTI commits to designate a mutually agreed number of its scientists/faculty members toward this programme for at least 12 hours of engagements per year.
- b) This may be distributed flexibly by the designated faculty/scientist within each centre of THSTI.
- c) THSTI will take care of the logistics of conveyance of the faculty/scientist (s) to and from the College, whenever the interaction is on site or outside THSTI.
- d) Depending on feasibility, THSTI would make appropriate arrangements in consultation with Sri Venkateswara College for e-learning at its end.
- e) Depending on feasibility, THSTI will also facilitate interaction on its premises.

6.6 Role and Responsibilities of Sri Venkateswara College:

- a) Sri Venkateswara College commits to receive and appropriately facilitate the interaction between the designated THSTI faculty/scientist (s), and its teachers/students so as to fulfil the goal and objectives of the programme.
- b) It will designate a nodal person to interact with the THSTI faculty/scientist (s).
- c) It will take care of the logistics of conveyance of its teachers/students whenever the interaction is outside its premises
- d) Depending on feasibility, Sri Venkateswara College would make appropriate arrangements in consultation with THSTI for e-learning at its end.

6.7 Budget for the Programme:

The programme will be accommodated within the annual budget of each party.

6.8 Programme Review:

The Governing Body of THSTI shall review the programme for implementation at the end of one year for implementation and three years for performance.

6.9 Termination:

Either party to this MoU has the right to terminate the MoU upon serving a written notice of 30 days to the other party should the other party commit a breach of any of the provisions of this MoU.

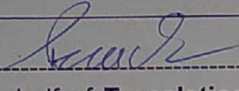
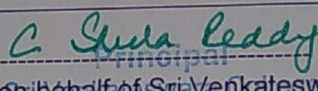
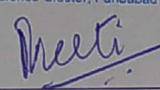
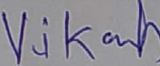
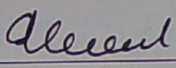
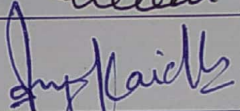
6.10 Interpretation and Dispute Resolution:

- a) If any dispute arises between the parties hereto arising out of or in connection with the interpretation or implementation or alleged breach of any provision of this MoU, the parties hereto shall endeavour to settle such breach amicably.

- b) In case the dispute cannot be resolved after reasonable attempts within one month, the MoU shall stand terminated with no obligations or liabilities on either party.

7. This MoU is valid for three years from the date of signing. It can be extended further through mutual agreement.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE EXECUTED THIS MoU ON 30th September, 2021.

<p>Signed-----</p> <p>For and on behalf of Translational Health Science and Technology Institute</p> <p>Seal <small>डॉ. प्रमोद गार्ग / Dr. Pramod Garg Executive Director ट्रान्सलेशनल स्वास्थ्य विज्ञान एवं प्रौद्योगिकी संस्थान (भारत सरकार के जीव प्रौद्योगिकी विभाग का एक स्वायत्त संस्थान) एनसीआईआर बायोटेक विज्ञान क्लस्टर, फरीदाबाद - 121001 हरियाणा, भारत Translational Health Science and Technology Institute (An Autonomous Institute of the Dept. of Biotechnology, Govt. of India) NCR Biotech Science Cluster, Faridabad - 121001 Haryana, India</small></p>	<p>Signed-----</p> <p>For and on behalf of Sri Venkateswara College (University of Delhi) Seal Dhula Kuan New Delhi-110 021</p>
<p>Witnesses:</p> <p>1. </p> <p>2. </p>	<p>Witnesses:</p> <p>1. </p> <p>2. </p>



**SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)**

EVENT REPORT

NAME OF THE EVENT: Webinar on “Tackling Diseases with Advanced Techniques”			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS NAME
22.9.21		Science Setu	Anju Kaicker
TIME 11.00 A.M.	VENUE: Zoom https://us02web.zoom.us/j/85650853630?pwd=QkNVMSStDalJXUjd6THBUT0cxeS9ldz09	NUMBER OF PARTICIPANTS 100	NATURE: Online
FINANCIAL SUPPORT/ASSISTANCE (if any):	NA		

BRIEF INFORMATION ABOUT THE ACTIVITY



TOPIC/SUBJECT OF THE ACTIVITY	<p style="text-align: center;">Webinar on “Tackling Diseases with Advanced Techniques” In Collaboration with Translational health Science & Technology Institute (THSTI)</p>
OBJECTIVES	Webinars on relevant science topics by experts in their field are conducted to expose the students to the latest developments in science. It also gives them the opportunity to interact with scientists from various research organizations
METHODOLOGY	Webinar was conducted using zoom platform , followed by interactive

	session wherein queries of the students were addressed
INVITED SPEAKERS WITH AFFILIATION DETAILS (IF ANY)	<p>Dr. Samarth Chatterjee , Associate Professor Dr. Amit Kumar Yadav, Senior Research Scientist Dr. Supratik Das, Senior Research Scientist Dr. Lakshmi NarashimanRamana, Research Scientist All scientists were from THSTI</p>
OUTCOMES	<p>As we move into the new millennium, it is becoming interestingly clear that the biomedical sciences are entering the most exciting phase of their development. Today technologies illuminate new dimensions of patient health , they create new approaches to pre-symptomatic prevention, early diagnosis and personalized treatment. To prevent disease, virtual models and simulation are required to help practitioners turn complex data into actionable information which in turn can be used to improve human health.</p> <p>Against this backdrop, we had four scientists from THSTI, who highlighted how various technologies can help to identify molecular signatures associated with a disease and its progression, elucidate potential drug targets and vaccine candidates. The students got an exposure of the latest technologies which are being used and can help in improving the health of individuals. They got an exposure of the research going on in some labs of THSTI and got an assurance that they could approach any of these scientists for further enrichment of their career goals.</p>

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters	2 Number of Participants & Name of participants Registered Students List Attached	3 Video clip	4 Photos Attached	5 Feedback Form &analysis
6 News clip with details	7 Sample Copy of the Certificate	8 Posters/ Invites Attached	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document

IQAC Document No: IQAC/SVC/202122/THSTI/01	Criterion No: III and V
Departmental file no: IQAC/SVC/2021-22/THSTI/01	IQAC file No: SVC/2021-22

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 Dr. Anju Kaicker Associate Professor Biochemistry Department	 Dr. Anju Kaicker Associate Professor Biochemistry Department	

Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

ATTACHMENTS

POSTER







Sri Venkateswara College
 in association with
Translational Health Science and Technology Institute (THSTI)
 organizes
Science Setu Webinar
 on
TACKLING DISEASES WITH ADVANCED TECHNIQUES

Speakers

Dr. Samrat Chatterjee
 Associate Professor

Dr. Supratik Das
 Senior Research Scientist

Dr. Amit Kumar Yadav
 Senior Research Scientist

Dr. Lakshmi Narashiman Ramana
 Research Scientist

22 September, 2021 • 11:00 AM
 Certificates to be given to Registered participants!

Register at <https://forms.gle/VAKr2BzOk36MyYgY7>

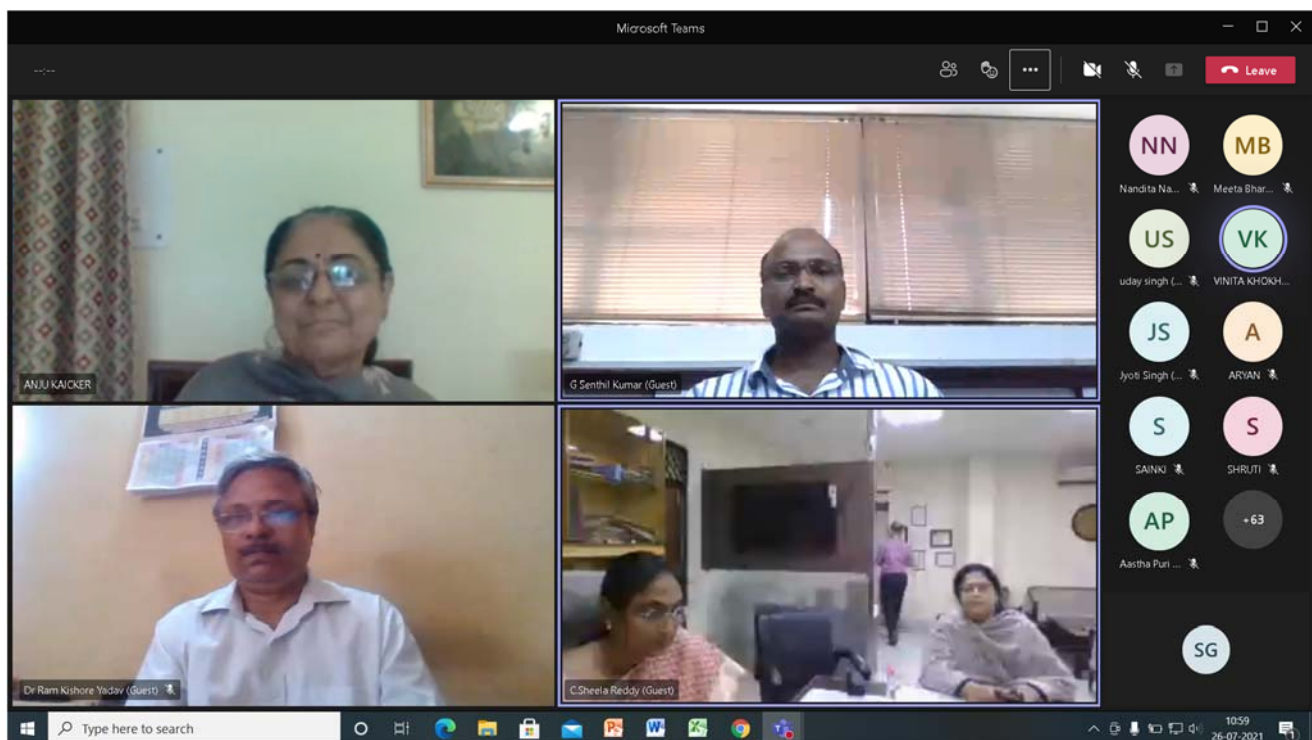
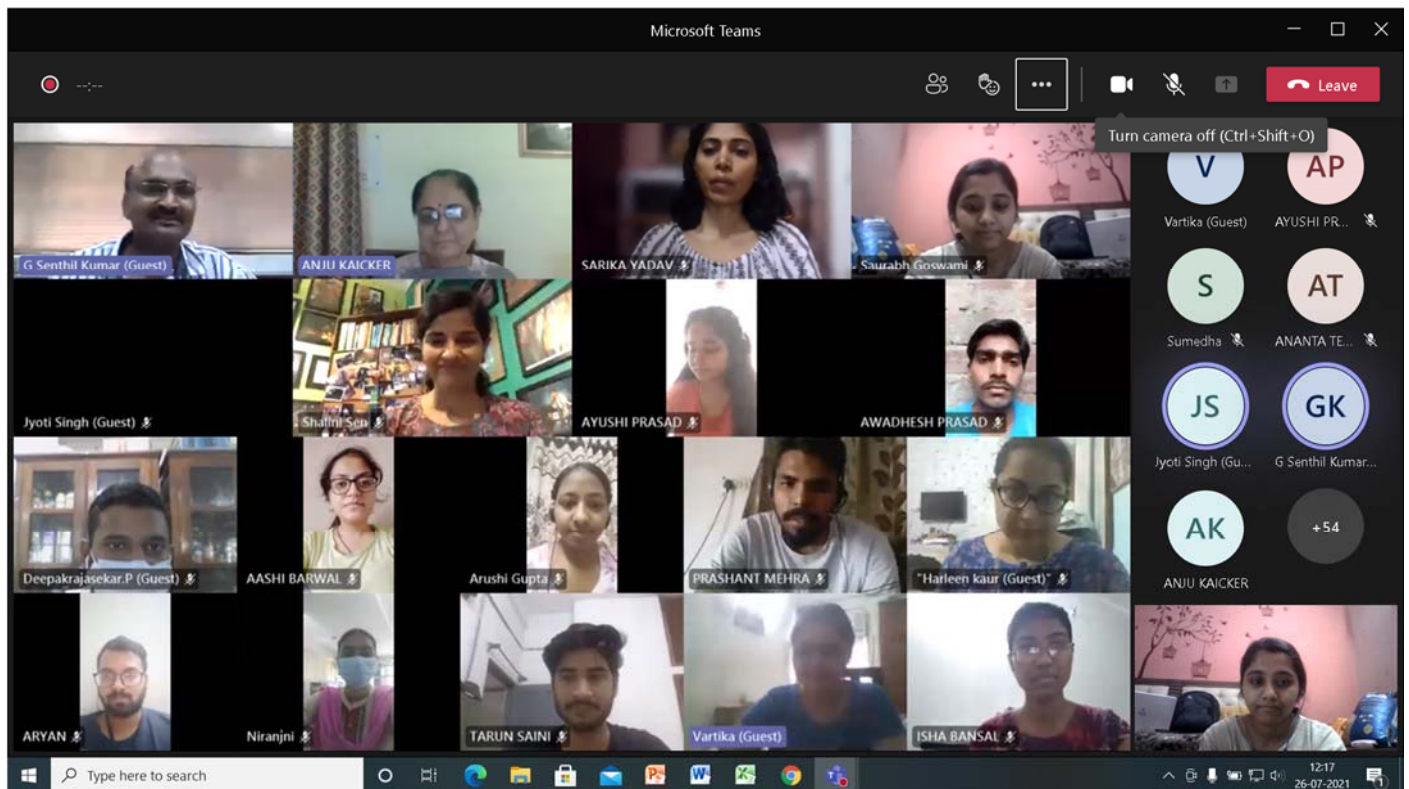
Dr. VARTIKA MATHUR
 (IQAC Coordinator)

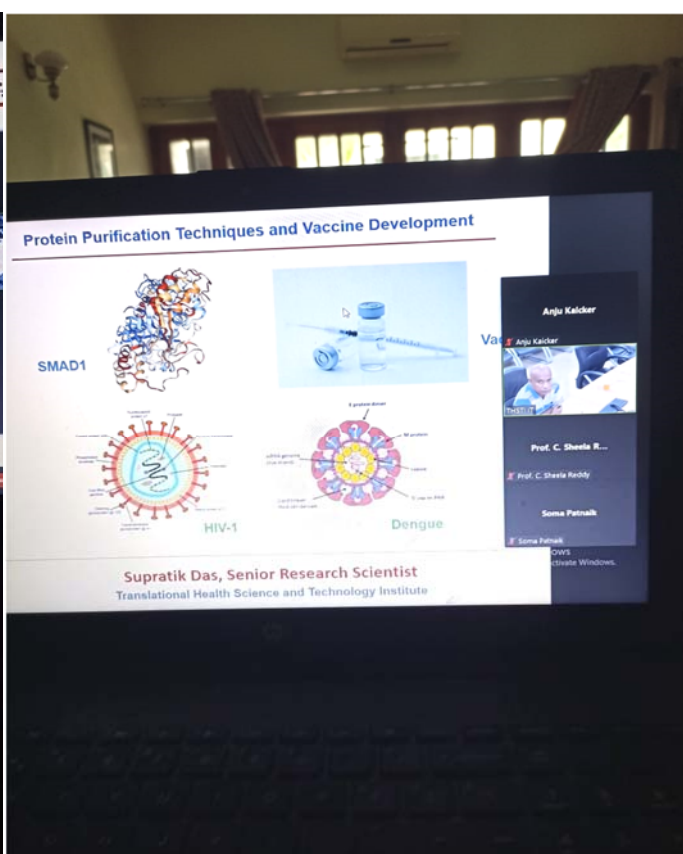
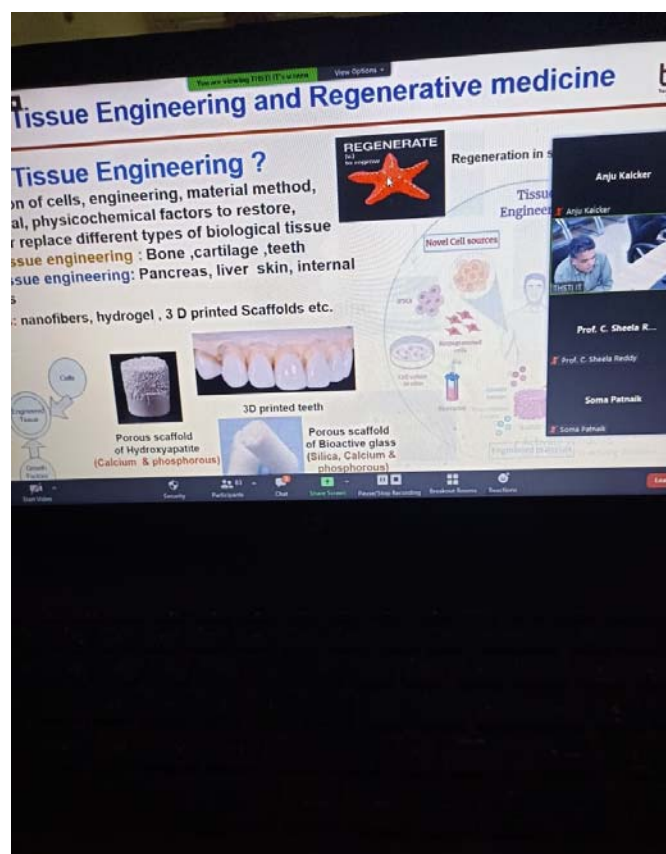
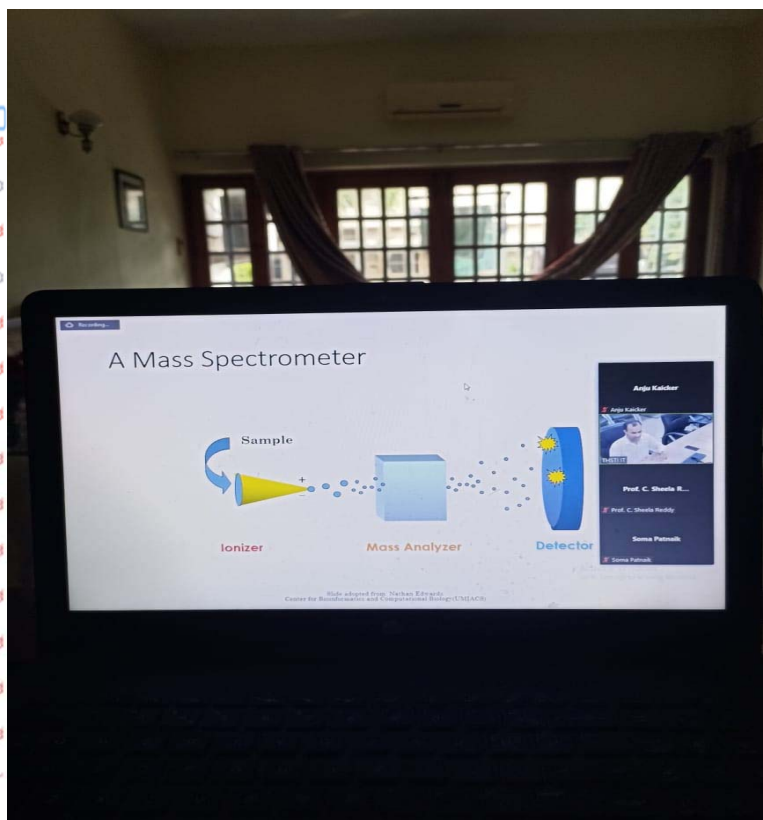
Dr. RICHA MISRA
 (Co-Coordinator)

PROF. C. SHEELA REDDY
 (Patron, Principal, SVC)

Dr. ANJU KAICKER
 (Science Setu Coordinator)

PHOTOS







Participants (100)



Participants (100)



Search

Q Search

TA

Tanvi Agarwal



Tanya Goel



TK

Tapasya Khanna



TS

Tarun Saini SVC



TC

Tenzin Chondon



US

Urvi Singh



V

Vaishnavi



V

Vani



ZM

ZEAAN MEHERNOSH PITHAWALA



Z

Zoya



Anand Singh Rathore



KK

KIRAN KUSHWAH



Prishita Sharma



V

Vinita



S

sumedha



sd

surbhi dadwal



T

Tanu Kushwah



TA

Tanvi Agarwal



Tanya Goel



TK

Tapasya Khanna



TS

Tarun Saini SVC



TC

Tenzin Chondon



US

Urvi Singh



V

Vaishnavi



V

Vani



ZM

ZEAAN MEHERNOSH PITHAWALA



V

Vani



ZM

ZEAAN MEHERNOSH PITHAWALA



Z

Zoya



Anand Singh Rathore



Participants (87)

Search

TA	Tanvi Agarwal		
TK	Tapasya Khanna		
TS	Tarun Saini SVC		
TC	Tenzin Chondon		
US	Urvi Singh		
V	Vaishnavi		
V	Vani		
ZM	ZEAAN MEHERNOSH PITHAWALA		
Z	Zoya		
	Kanika		
KK	KIRAN KUSHWAH		
	Prishita Sharma		
TP	Trisha Puri		
V	Vinita		

Participants (100)

Search

RA	Ranjanee Aron		
RP	Rea Pasricha		
	Rishabh		
RS	Ritika Semwal		
R	RIYA		
R	Runjhun		
	Rythem Goyal		
SK	Sanah Kumar		
Sk	Sandeep kumar		
SA	Saumya Arora		
	Shivansh singh		
SR	Smriti Raina		
SP	Srianshu Panda		
S	Suguna		



Participants (100)



Nirmegh Basu



Nishita Singh



Palak



Paritosh



pema tenzing



Prabeer Sinha



Prabhjot Kaur



Prashant Mehra



Pratibha Saket



Preeti



Rabsang Lhamo



Rahul Yadav



Rakhi Yadav



Ramesh C Rai



Participants (100)



KIRAN KUSHWAH



Kunal



Madhav Gupta



Madhumanti



Mehak Kukreja



Mobashsherah



Monika



Muskaan Sharma



Namya Sethi



Nandika Sanjog Sahani



Nandini Sharma



NANDITA



Neeti Dhaka



Nimisha Khurana





Participants (100)

DA

Dr. Amarjeet Singh



DS

Dr. Sadqua Shameem



Dr. Vijayakumar Sekar



GM

Garima Maurya



G

Gaurav



HS

Hadiya Shamim



IB

Isha Bansal



IP

Isha Prabhakar



I

Ishita Sehgal



JM

Jahnvi Mathur



JS

Jeevanesh Sawhney



KK

Kanak Khatana



KY

Kareena Yadav



K

Keshav



Participants (100)

AM

Anusha Mahmood



AP

Anushka Puri



AS

Anuvrinda Sharma



Arsha Navas



AG

Arushi Gupta



A

Asmita



A

Avantika



am

ayesha mirza



A

AYUSHI



As

Ayushi shukla



Bs

Bhawna sharma



BT

Bibham Tiwari



B

Bipasha



DN

Dr Nimisha Sinha





1961 - 2021

Tirumala Tirupati Devasthanams

Sri Venkateswara College

(University of Delhi)

CERTIFICATE

This is to certify that the Webinar on Tackling Diseases with Advanced Techniques in collaboration with THSTI was successfully conducted on September 22, 2021 from 11:00 A.M. onwards by Science Setu Society in the Online mode and its event report has been submitted to IQAC for record.

IQAC Coordinator

Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021

Principal

PRINCIPAL
Sri Venkateswara College
Dhaura Kuan, New Delhi-110021



SRI VENKATESWARA COLLEGE
(UNIVERSITY OF DELHI)

EVENT REPORT

NAME OF THE EVENT: Celebrations for National Science Day organized by THSTI, Faridabad			
DATE	DEPARTMENT	COMMITTEE/SOCIETY	COORDINATORS NAME
28.2.22		Science Setu	Anju Kaicker
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE:
10.30 A.M. to 5.00 P.M.	Translational Health Science and Technology Institute(THSTI), Faridabad	20	Offline
FINANCIAL SUPPORT/ASSISTANCE (if any):	NA		

BRIEF INFORMATION ABOUT THE ACTIVITY



TOPIC/SUBJECT OF THE ACTIVITY	Celebrations for National Science Day organized by THSTI, Faridabad
OBJECTIVES	National Science day is celebrated to highlight the importance of science in our life and to motivate young students and ignite their mind.
METHODOLOGY	<ol style="list-style-type: none">1. Lecture on Integrated Approach in Science and Technology for a sustainable future2. Oral presentations by THSTI research scholars to showcase research carried out at THSTI3. Quiz competition for students4. Laboratory visit for students

INVITED SPEAKERS WITH AFFLIATION DETAILS (IF ANY)	Prof, N. K. Mehra, Hon. Emeritus Scientist, ICMR, Former Dean & National Chair, AIIMS, Delhi, Vice President, International Affairs, INSA
OUTCOMES	<ol style="list-style-type: none"> 1. The lecture by Dr. Mehra highlighted the work carried out by many eminent scientists, such as Sir CV Raman, Dr. Kary Mullis, Dr. Frederick Sanger, and he further used them as a template to explain the necessary traits of a scientist: most importantly, a little 'madness' for the pursuit of scientific advancement. Besides this he emphasized on the importance of taking an integrative approach to scientific problems and not to be scared of failures as they teach more than the lessons learnt from success. He also fondly recounted his time as a young scientist, and experiences working with famed scientists in Holland, Austria and how all this paved way for his future in science, notably his achievements in the field of HLA and transplantation immunology. 2. The 4 member student team won the first prize in quiz. 3. The presentations by research scholars at THSTI, showcased the research projects carried out at the Institute. Some of the ongoing research projects are related to Dengue, Tuberculosis, Immune response related to Covid infection and maternal health during pregnancy. The students were motivated to undertake research in future. 4. During the visit to labs, students saw a number of equipments used in research. The researchers explained the principle and the working of each one of them. The students particularly enjoyed the tour of the Bioassay Lab, which is one of the seven CEPI approved labs globally.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1 Notice & Letters Attached	2 Number of Participants & Name of participants Students List attached	3 Video clip	4 Photos Attached	5 Feedback Form & analysis Attached
6 News clip with details	7 Sample Copy of the Certificate	8 Posters/ Invites Attached	9 Event report Attested by Event Coordinator & IQAC Coordinator	10 Any other document

IQAC Document No: IQAC/SVC/2021-22/THSTI/02	Criterion No: III, V AND VII
Departmental file no: : IQAC/SVC/2021-22/THSTI/02	IQAC file No: SVC/2021-22

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 Dr. Anju Kaicker Associate Professor Biochemistry Department	 Dr. Anju kaicker Coordinator, Science Setu Program	

For Reference


Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		


PHOTOS






POSTER








Department of Biotechnology

NATIONAL SCIENCE DAY

Integrated Approach in Science and
Technology for a Sustainable Future



Chief Guest and Keynote Speaker
Prof. Narinder Kumar Mehra
Hon. Emeritus scientist, ICMR,
Former Dean & National Chair, AIIMS, Delhi,
Vice President (international affairs), INSA

February 28, 2022 | 10:30AM

Permitted & noted
let
25/2/22

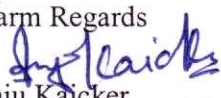
To
The Principal
S. V. College
Dhaulta kuan
New Delhi

25.02.22

Dear Dr. Reddy

This is in continuation to the mail received from THSTI regarding participation of our students in the National Science Day celebrations to be held on 28th February 2022 at their Institute. I am here by attaching the list of the students who will be participating in this event. The students will reach the Institute on their own and I will be attending the event with them.

Warm Regards


Anju Kaicker
Associate Professor &
Science Setu Coordinator
Biochemistry Department

**List of the students participating in National Science Day Celebrations to
be held on 28.02.22 at THSTI, Faridabad**

S. No.	Name of the Students	Course	Mobile No.
1.	Mysa Chandni	Zoology	7011025757
2.	Ritika Semwal	Zoology	7289959865
3.	Palak Chugh	Zoology	9138421000
4.	Muskaan Gupta	Zoology	7424843623
5.	Inderpreet Singh	Life Sc.	8307494286
6.	Yashika Mago	Life Sc.	9599490290
7.	Yashita Sharma	Life Sc.	8130845621
8.	Bhavna Sharma	Life Sc	9953461796
9.	Rhythm	Botany	9817626578
10.	Sukeerti	Botany	7979047917
11.	Vinita	Biochemistry	9761864418
12.	Mehak Kukreja	Biochemistry	8383916079
13.	Ayesha Mirza	Biochemistry	9911496667
14.	Prashant Mehra	Biochemistry	9588379644
15.	Cheshte Varshney	Biological Sciences	7827020690
16.	Vaidehi Sharma	Biological Sciences	9639314704
17.	Anantpreet Kaur Sood	Biological Science	8847276220
18.	Ananya	Biological Science	9711008313
19.	Tanvi Agarwal	Biochemistry	8299205892
20.	Asmita Gahlout	Biochemistry	9971138939

Signature
25/2/22

Signature
25/2/22



1961 - 2021
Tirumala Tirupati Devasthanams
Sri Venkateswara College
(University of Delhi)

CERTIFICATE

This is to certify that the National Science Day Celebrations in collaboration with THSTI was successfully conducted on February 28, 2022 from 10:30 A.M to 5:00 P.M. at THSTI, Faridabad in the Offline mode and its event report has been submitted to IQAC for record.

IQAC Coordinator
Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021

PRINCIPAL
Sri Venkateswara College
Dhaura Kuan, New Delhi-110021