Sri Venkateswara College

(University of Delhi)
Benito Juarez Road, New Delhi - 110021
(Phone No. - 011-2411 2196 : Email - principal@svc.ac.in)

Print Date : 13-09-2026

1. Personal Profile

Title: **Dr.** First Name: **MAIN** Last Name: **PAL**

Designation: **ASSISTANT PROFESSOR** Mobile No. **----------**

Phone No. (Office) **----------** Phone No. (Residence): **----------**

Email: **mainpal@svc.ac.in** Webpage: **----------**

Facebook: ---------- Twitter: ----------

LinkedIn: ---------- Instagram: ----------

Youtube: ---------- Research Gate Link: ----------

Google Scholar Link: ----------

Address: **----------**

2. Educational Qualifications

Degree/ Certification	Institution	Year
Bachelor of Science	D.A.V PG College, Muzaffar Nagar, U.P.	2004
Master of Science	Choudhary Charan Singh , Meerut Campus, Meerut, U.P.	2007
Research Scholar	Tata Institute of Fundamental Research, Mumbai	2009
Project Assistant	Aryabhatta Research Institute of Observational Sciences, Nainital	2010
Research Scholar	Inter-University Centre for Astronomy and Astrophysics, Pune	2010
PhD	Inter-University Centre for Astronomy and Astrophysics (plus JNU), Pune	2017

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ADMISSIONS COMMITTEE Sri Venkateswara College, DU	01.Jul.2023 - 30.Jun.2025	NA

ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEPARTMENT OF PHYSICS Sri Venkateswara College, DU	01.Jul.2023 - 30.Jun.2025	Member of the department laboratory
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEPARTMENT OF PHYSICS Sri Venkateswara College, DU	15.Sep.2025 - 30.Jun.2025	Physics Department Library incharge
ADMINISTRATIVE ASSIGNMENTS	MEMBER	LIBRARY Sri Venkateswara College, DU	01.Jul.2025 - Till date	College Library
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PURCHASE COMMITTEE Sri Venkateswara College, DU	01.Jul.2025 - Till date	College level puchage
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	DEPARTMENT OF PHYSICS Sri Venkateswara College, DU	01.Jul.2025 - Till date	Conveners for Mentor Mentee, Refreshment and Principia , ICARD centre Member for maintenance and purchase committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ADMISSIONS COMMITTEE Sri Venkateswara College, DU	01.Jul.2023 - 30.Jun.2025	

4. Other Profiles

Other Profile Name/ Description

MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

IUCAA Visiting Associateship August 1, 2023 to July 31, 2026

MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

Co-ordinator, ICARD ; November 1, 2024 to February 28, 2027

MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

Admission committee, 2023 July to June 2025

SUBJECTS TAUGHT

Electrical Circuit Analysis, Analog Electronics, Astronomy and Astrophysics,

Mathematical Physics, Electricity and Magnetism, Waves and Oscillations

Document Preparation and Presentation Software, Essential of Python

AREAS OF INTEREST/ SPECIALIZATION

Multiwavelength study of accreting objects such as X-ray binaries, supermassive black holes

RESEARCH COLLABORATIONS

I have collaoration across the globe including NASA, USA,

Within country: ARIES, Naintal; IUCAA, Pune; IIA, Bengaluru; RRI, Bengluru; IIT Mandi; IIT Delhi, IIT Tirupati, IISER Tirupati, IISER Trinedrum, IISER MOhali and many more !!

UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

Srivipra internship program July to September, 2024

WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

National Science Day lecture series : February 27, 2025

WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

National Science Day Lecture series: February 28, 2025

CERTIFICATE COURSE/ SHORT TERM COURSE ORGANIZED

Vratika Lecture delivered at HNBU under a programme of Government of India.

FIELD TRIPS ORGANIZED

IUCAA Visit under Visiting Associateship June-July 2024

OTHERS

Workshop on AI/ ML participated January 2025

5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status

6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
2024	IUCAA Centre for Astronomy Research and Developement	Inter-University Centre for Astronomy and Astrophysics, Pune	November 1, 2024-February 28, 2027	30000	12.Dec.2024

7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
JOURNAL PAPER (International)	Late-time Radio Brightening and Emergence of a Radio Jet in the Changing-look AGN 1ES 1927+654	The Astrophysical Journal Letters, Volume 979, Issue 1, id.L2, 13 pp	Meyer, Eileen T. Laha, Sibasish plus Main Pal (Joint Author)		January 2025
JOURNAL PAPER (International)	Multiwavelength Observations of a Jet Launch in Real Time from the Post-changing-look Active Galaxy 1ES 1927+654	The Astrophysical Journal	Laha, Sibasish plus Main Pal (Joint Author)		March 2025
JOURNAL PAPER (International)	Signature of a Seyfert-like Component in Blazar 3C 273 and Its Reflection-based Explanation	The Astrophysical Journal	Gaur H,. Main Pal plus (Joint Author)		March 2025
JOURNAL PAPER (International)	Very High-energy Gamma-Ray Episodic Activity of Radio Galaxy NGC 1275 in 2022–2023 Measured with MACE	The Astrophysical Journal Letters	Godambe, S plus Main Pal (Joint Author)		October 2024
JOURNAL PAPER (International)	Spectral States of OJ 287 blazar from Multiwavelength Observations with AstroSat	monthly notices of the royal astronomical society	K. P. Singh plus Main Pal (Joint Author)		November 2021
JOURNAL PAPER (International)	Complex optical/UV and X-ray variability in Seyfert 1 galaxy Mrk 509	Publications of the Astronomical Society of Australia	Neerak K. , Main Pal et al (Joint Author)		July 2021
JOURNAL PAPER (National)	Spectro-Timing Analysis of a highly variable narrow-line Seyfert 1 galaxy NGC 4748 with AstroSat and XMM-Newton	Journal of Astrophysics and Astronomy	Main Pal et al (First Author)		July 2021
JOURNAL PAPER (International)	Blazar OJ 287 After First VHE Activity: Tracking the Re-emergence of the HBL like Component in 2020	The Astrophysical Journal	Kushwaha, P. K. , Main Pal et al (Joint Author)		October 2021
JOURNAL PAPER (International)	Short-Term X-ray Variability during Different Activity Phases of Blazars S5 0716+714 and PKS 2155-304	Galaxies	Pankaj Kushwaha and Main Pal (Joint Author)		September 2020

JOURNAL PAPER (International)	Strong Soft X-ray Excess in 2015 XMM-Newton Observation of BL--Lac OJ~287	The Astrophysical Journal	Main Pal et al (First Author)		March 2020
JOURNAL PAPER (International)	UV to X-ray Comptonization delay in Mrk 493	The Astrophysical Journal Letters	Oluwashina plus Main Pal (Joint Author)		January 2019
JOURNAL PAPER (International)	The ever-surprising blazar OJ 287: multi-wavelength study and appearance of a new component in X-rays	monthly notices of the royal astronomical society	Pankaj Kushwaha plus Main Pal (Joint Author)		August 2018
JOURNAL PAPER (International)	Correlated X-ray/ultraviolet/optical emission and short term variability in a Seyfert 1 galaxy NGC 4593	monthly notices of the royal astronomical society	Main Pal and S. Naik (First Author)		June 2018
JOURNAL PAPER (International)	Complex optical/UV and X-ray variability of the Seyfert 1 galaxy 1H 0419-577	monthly notices of the royal astronomical society	Main Pal et al (First Author)		January 2018
JOURNAL PAPER (International)	Correlated X-ray/ultraviolet/optical variability and the nature of accretion disc in the bare Seyfert 1 galaxy Fairall 9	monthly notices of the royal astronomical society	Main Pal et al (First Author)		April 2017
JOURNAL PAPER (International)	Complex UV/X-ray variability of 1H 0707-495	monthly notices of the royal astronomical society	Pramod et al (Joint Author)		December 2017
JOURNAL PAPER (International)	X-ray/UV variability and the origin of soft X-ray excess emission from II Zw 177	monthly notices of the royal astronomical society	Main Pal et al (First Author)		March 2016
JOURNAL PAPER (International)	ariable X-ray reflection from 1H 0419–577	monthly notices of the royal astronomical society	Main Pal and G C Dewangan (First Author)		October 2013
JOURNAL PAPER (International)	A comprehensive broad-band X-ray spectral study of Mrk 335 using XMM?Newton and NuSTAR observations	monthly notices of the royal astronomical society	Patole, Pravin L. ; Pal, Main ; Dewangan, Gulab C. Dewangan (Corresponding Author)	10.1093/mnras/stag903	June 2026
CONFERENCE PAPER/ PROCEEDINGS (International)	AstroSat View of Blazar OJ 287: A Complete Evolutionary cycle of HBL Component from End-Phase to Disappearance and Re-emergence	ICRC	kushwaha et al (Joint Author)		October 2022

CONFERENCE PAPER/ PROCEEDINGS (International)	Short-term variabilities in X-ray/Optical/UV emission from Seyfert 1 galaxy NGC 4593	International BINA conference proceeding	Sachindra et al (Joint Author)		July 2019
CONFERENCE PAPER/ PROCEEDINGS (International)	Soft X-ray excess emission in NLS1 galaxies	proceeding of Science	Main Pal (Sole Author)		November 2018
CONFERENCE PAPER/ PROCEEDINGS (National)	omplex Optical/UV to X-ray spectral variability of 1H 0419–577	BASI	Main Pal et al (First Author)		August 2015
CONFERENCE PAPER/ PROCEEDINGS (National)	X-ray/UV variability of narrow-line Seyfert 1 galaxies	BASI	Dewangan et al (Joint Author)		October 2015

8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number

9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2024	NATIONAL/ INTERNATIONAL FELLOWSHIPS (IOE, FRSC, etc.) ATTENDED	ADMINISTRATIVE OFFICER	National	IUCAA Centre for Astronomy Research and Development	01.Nov.2024 - 28.Feb.2027
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	International	Astroparticle Physics, Gravitation and Cosmology (APGC 2025)	26.Jun.2025 - 28.Jun.2025
2023	NATIONAL/ INTERNATIONAL FELLOWSHIPS (IOE, FRSC, etc.) ATTENDED	MEMBER	National	Visiting Associateship	01.Aug.2023 - 31.Jul.2026
2025	SHORT TERM COURSE	MEMBER	National	Short-Term Programme on Teaching a First Course in Astronomy and Astrophysics	12.May.2025 - 28.May.2025
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	National	Vritika scheme of Anusandhan National Research Foundation (ANRF) [AV/VRI/2023/0192]	01.Aug.2024 - 28.Aug.2024
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	International	AI/ML application in Astronomy and Astrophysics	06.Jan.2025 - 10.Jan.2025

2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	MEMBER	National	National Science Day 2025	27.Feb.2025 - 28.Feb.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	National	National Science Day 2025	27.Feb.2025 - 28.Feb.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	National	Lecture	26.Aug.2025 - 26.Aug.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	National	Lecture	30.Sep.2025 - 30.Sep.2025
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	National	Lecture	25.Sep.2025 - 25.Sep.2025

Dr. MAIN PAL