

# Saumojit Tewari

*Junior Research Scientist*

*Indian Centre For Space Physics, Kolkata*

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## Education

**2025 ( January – Present )** : Ph.D in Physics ( Optical Astronomy ) – Indian Centre For Space Physics, Kolkata, University of Calcutta, **Supervisor:** Prof. Sandip K. Chakrabarti

**2022-2024** : M.Sc. Physics, Murshidabad University, Berhampore, Murshidabad.

**CGPA ( 10 Scale Point ) : 7.10 (65 %)**

**2019-2022** : B.Sc. Honours Physics, Kalyani University, Jangipur College, Jangipur, Murshidabad.

**CGPA ( 10 Scale Point ) : 8.8 (83.2%) – 1<sup>st</sup> rank in the Department.**

**2018-2019** : Higher Secondary, Kanchantala j.d.j. Institution, Dhuliyan, Murshidabad.

**Percentage: 80%**

**2016-2017** : Secondary (10<sup>th</sup>), Kanchantala j.d.j. Institution, Dhuliyan, Murshidabad.

**2022-2023** : Certificate Course on **Space Satellites** and Internship on Space Launch Vehicle Dedicated to Small Satellite, Department of space, OM SPACE ROCKET AND EXPLORATION PVT LTD, Ahmedabad, Gujarat.

**2024 (August to December)** : Certificate Course on **Development of Space Instrument**, Indian Centre for Space Physics, Mukandapur, Kolkata.

## Research Interest

Observational or Optical Astronomy (Exoplanet, Star Cluster and Black Hole), Elements of Astronomy and Astrophysics, Stellar Astrophysics, Space Physics.

## Previous Research

**April 2022 – July 2022** : In B.Sc, Special Paper or project on “**Cosmology**”, Department of physics, Jangipur College.

**March 2024 – July 2024 :** In M.Sc, Research Paper on “**COSMOS: The Cosmic Inflationary Universe**”, Based on the Standard model of Cosmology. Department Of Physics, Murshidabad University.

**November 2022 - January 2023 :** Research Project on **Space Satellites and Internship on Space Launch Vehicle Dedicated to Small Satellite**, Department of space, OM SPACE ROCKET AND EXPLORATION PVT LTD, Ahmedabad, Gujrat.

**August 2024 - December 2024 :** Course dissertation on Study of a Geiger Muller counter with different radioactive sources (241Am, 152Eu, and 137Cs) high voltage power supply, Department of Space Physics, ICSP Kolkata.

## Conferences

- Participated in Science Conference on **Ancient Science and electronic Device** ( Audio Receiver / Radio ) by Dr. Amar Roy from USA, Murshidabad University, Erstwhile Krishnath College, November 2022.
- Participated in **Science Conference**, Murshidabad University, Erstwhile Krishnath College, February 2023.
- Participated in **Space Science Conference on Space Mission Launch of ISRO AI Chatbot** by Mr. Nitish kumar, UR Rao Satellite Centre, ISRO. Organized by Former ISRO Scientist, Mr. Manish Purohit, Nimbus Education, Rajasthan, August 2024.
- Participated in Online Webinar on **Astronomy and Astrophysics** by Dr. V Girish, Deputy Director, Space Science Program Office, ISRO, Bangalore. Organized by Former ISRO Scientist, Mr. Manish Purohit.
- Participated in Seminar on **Career Oppertunities in the Department Of Atomic Energy**, Murshidabad university.
- Participated in **Workshop on Machine Learning and its applications in Space Physics**, ICSP Kolkata.
- Participated in Science Conference on **Frontiers in Modern Astronomy, Astrophysics and Space Science**, ICSP Kolkata, 7<sup>th</sup> Dec 2024.

## Skills and Activities

Programming: **PYTHON, FORTRAN**  
language  
Environment: **Microsoft Office, Libre Office**  
Operating **Windows, Linux**  
System:  
Software: **IRAF, Origin, Spyder, Tally, gnuplot, Photoshop**

## Languages

**Bengali** Native Speaker  
**English** Bachelor, Master in English, B.Sc, M.Sc Dissertations written in english  
**Hindi** Speak and Read

## Personal Details

**Father's Name:** Ashok Tewari  
**Mother's Name:** Tumpa Tewari  
**Residential Adress:** Kaharpara Road, Dhuliyan, Samsherganj, Murshidabad, 742202, W.B  
**Date of Birth:** August 04, 2001  
**Marital Status:** Unmarried