



Abhilash Biswas

Email: 24msphypy0004@pondiuni.ac.in abhibiswasviper123@gmail.com
Phone: +91 7002776567
Address: Salbari, Near Lower Assam Hospital, 783380, Bongaigaon, Assam

About Me

Passionate Masters student majoring in Physics with a profound interest in Astronomy and Astrophysics. Dedicated to exploring the mysteries of the universe through coursework and research. Eager to contribute to scientific advancement and pursue hands-on projects in these fields, aiming to deepen understanding and push boundaries in pursuit of knowledge.

Education

Masters of Science (Physics)	2024 - Present
Pondicherry University , Union Territory of Puducherry	
Semester I SGPA: 8.83, CGPA: 8.83	
Bachelors of Science (Physics)	2021 - 2024
Tezpur University , Napaam, Tezpur, Assam	
Semester I SGPA: 8.40, CGPA: 8.40	
Semester II SGPA: 7.54, CGPA: 7.84	
Semester III SGPA: 7.84, CGPA: 7.84	
Semester IV SGPA: 8.08, CGPA: 7.91	
Semester V SGPA: 7.64, CGPA: 7.85	
Semester VI SGPA: 8.45, CGPA: 7.95	
10+2 (AISSCE under CBSE)	2019 - 2021
Delhi Public School , Dhaligaon, BGR Township, Chirang, Assam	
Percentage: 94	
10th (Matriculation under SEBA)	2019
Bongaigaon Higher Secondary School English Medium , Bongaigaon, Assam	
Percentage: 92.6	

Projects Undertaken

Dust Continuum Radiative Transfer Model at Near Infrared Wavelengths for the Core-shine Clouds Using RADMC3D Package;
Under the guidance of Dr. Rupjyoti Gogoi, Assistant Professor, Tezpur University and Dr. Shalima Puthiyaveetti, Assistant Professor, Manipal Center for Natural Sciences

Experience

Co-Convenor, Tezpur University Astronomy Club 2023-24

Handling Optical Ground-based Telescope
Sky observation
Astrophotography(Basic)

Workshops

Workshop on Probing Stars and Galaxies using Innovative Data Science Tools	4-6 September 2024
• Conducted by Department of Applied Sciences, Guwahati University	
Five Day National School on Fundamentals of Space Radiation	16-20 September 2024
• Organized by Manipal Center for Natural Sciences, MAHE (Supported by SPARC III Program of Ministry of Education, Govt. of India)	
Aditya L1 SUIT: Science and Data Analysis Workshop	6-7 March, 2024
• Organized by Tezpur University in collaboration with IUCAA	
Artificial Intelligence Machine Learning	6-10 November 2023
• Conducted by Edu Fabrica, organized by Tezpur University	
Meet the IAU Astronomers	22 April 2023
• Organized by Tezpur University	
Workshop on Recent Progress in Astrophysics	17 November 2022
• Organized by Amity University, Noida	
Astrophotography Workshop	22 February 2023
• Conducted by Tezpur University in collaboration with Pragjyotish Astronomers Association and Vigyan Prasar, New Delhi	

Skills

Programming Languages: Python, C++

Tools and Technologies: LaTeX, Graphic Design (Canva), Photometry (Introductory)

Languages Known

English(Working Proficiency) Hindi Bengali Assamese

Research Interests

Interstellar Medium, Star Formation, Solar Physics, Neutrino Physics, Particle Physics, Radio Astronomy, Astronomical Instrumentation