



5th IUCAA Sponsored Workshop on Astronomy and Astrophysics 2025



📍 Jorhat, Assam

📅 April 24-26, 2025

About the workshop

The Department of Physics at Jagannath Barooah University and Bahona College, in collaboration with The Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, is delighted to host the 5th IUCAA-Sponsored Workshop on Astronomy and Astrophysics. This event comprises a One-Day Pre-Workshop on *Introductory Astronomy and Astrophysics*, followed by a Two-Day Workshop on *Applications of Quantum Mechanical Calculations in Observational Astronomy*.

Designed for students, researchers, and enthusiasts, the workshop aims to provide a strong foundational understanding of astronomy and astrophysics while highlighting the crucial role of quantum mechanics in interpreting astronomical observations. Participants will have the opportunity to engage with experts in the field, explore advanced computational techniques, and deepen their appreciation of the universe through hands-on sessions and discussions.

Interested candidates can apply by completing the online application form, accessible via [this link](#) or by scanning the QR code on the right. The application must be submitted on or before April 10, 2025. Selected participants will be notified by April 15, 2025.



Schedule

April 24, 2025

**One Day Workshop on Introduction to
Astronomy and Astrophysics**

Bahona College, Jorhat, Assam

April 25-26, 2025

**Two Day Workshop on Applications of
Quantum Mechanical Calculations in
Observational Astronomy**

*Jagannath Barooah College (Upgraded to
Jagannath Barooah University under Assam
Act No. LXVI of 2023), Jorhat, Assam*

Resource Persons

- Prof. Ranjeev Mishra, IUCAA, Pune
- Prof. Durgesh Tripathi, IUCAA, Pune
- Prof. Amit Pathak, Banaras Hindu University, Varanashi
- Prof. Gazi A. Ahmed, Tezpur University
- Dr. Rupjyoti Gogoi, Tezpur University
- Dr. Ankur Kanti Guha, Cotton University, Assam
- Dr. Mridusmita Buragohain, University of Hyderabad, Hyderabad

The outstation participants will be provided free accommodation during this workshop. TA will also be provided to selected outstation participants. There is no registration fee.

COORDINATORS: Prof. Ranjeev Misra, Prof. Durgesh Tripathi (IUCAA, Pune), Dr. Aishawnnnya Sharma (Bahona College), Dr. Ankur Gogoi (J. B. University), Jorhat

For any queries, please write an email to: astronomyworkshop2025@jbu.ac.in