



# 5<sup>th</sup> 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.

## 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

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.



**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. Aishawnniya Sharma (Bahona College), Dr. Ankur Gogoi (J. B. University), Jorhat

For any queries, please write an email to: [astronomyworkshop2025@jbu.ac.in](mailto:astronomyworkshop2025@jbu.ac.in)