



6<sup>th</sup> National Conference on

# REcent Trends in the study of Compact Objects : Theory and Observation (RETCO-VI)

10-12 March 2025

Indian Institute of Technology Indore

Department of Astronomy, Astrophysics and Space Engineering (DAASE)

The 6<sup>th</sup> RETCO conference will be hosted by IIT Indore. The biennial conference aims to bring together researchers from all across India to discuss recent theoretical, simulation, and observational advances towards understanding compact object physics.

## Scientific Organizing Committee

- Anuj Nandi (URSC)
- Biswajit Paul (RRI)
- C S Stalin (IIA)
- Gulab Dewangan (IUCAA)
- Indranil Chattopadhyay (ARIES)
- Manoneeta Chakraborty (IITI)
- Samir Mandal (IIST)
- Santabrata Das (IITG)
- Sudip Bhattacharyya (TIFR)

## Topics to be discussed

- Accretion physics
- Active Galactic Nuclei
- X-ray binaries
- Pulsars
- Cataclysmic Variables

## Who can apply?

Senior and early career researchers, PhD students, and highly motivated postgraduate students working in the field of compact objects

## Highlights

- Special session on **AstroSat**
- Special session on **XPoSat**
- Focus on compact object science with mega-science missions like **SKA**

## Important Dates

**Announcement: 27/09/2024**  
**Registration opens: 20/10/2024**  
**Registration deadline: 20/12/2024**

## Website

<https://retco2025.iiti.ac.in>

## Contact

Manoneeta Chakraborty  
retco2025loc@iiti.ac.in

Scan QR To  
Register

