



# Gravity@2024 (National Conference on Gravitational Physics)

**18 – 20 December 2024**



IUCAA Centre for Astronomy Research and Development (ICARD), Department of Physics, Cooch Behar Panchanan Barma University (CBPBU), Cooch Behar 736101, West Bengal, India

The Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, Govt. of India, sponsored conference titled “Gravity@2024” will be organized by the ICARD, Department of Physics, Cooch Behar Panchanan Barma University on 18th, 19th and 20th December 2024. The scientific programme of the conference covers a broad range of topics in astronomy, astrophysics and cosmology. The goal of the conference is to discuss and promote recent advances in the topics on agenda. Contribution for oral presentation are invited from Indian nationals. PhD, Post-Doctoral and early career researchers, in particular, are encouraged to apply.

### Topics on agenda:

- Compact Stars
- Tests of GTR
- Modified gravity theories
- Galaxy formation and evolution
- Observational astronomy
- Cosmological probes

### Important dates:

- Registration closes: 25 November 2024
- Abstract submission closes: 25 November 2024
- Outcome of application: 02 December 2024

### Information:

- Registration fee: NIL
- Interested researchers may register by filling-in the Google form (Link is given below).
- Abstracts (a maximum of 250 words) should be submitted online during the time of registration.
- Participation in the conference will be moderated. Selected candidates will be informed by e-mail.
- Breakfast, lunch and tea will be served on conference days.
- Shared accommodation for outstation participants will be arranged (if requested). Applicants are free to arrange their own accommodation as well.
- We hope to provide partial travel support (sleeper class train fare by the shortest route) to PhD and Post-doctoral researchers only. However, as our budget for travel support is limited, we may not be able to accommodate all requests.
- Nearest railway station: New Cooch Behar

### Chief Patron:

The Hon'ble Vice-Chancellor, Cooch Behar Panchanan Barma University

### Patron(s):

The Dean, Faculty of Post-Graduate Studies in Science, Technology and Vocational Studies,  
Cooch Behar Panchanan Barma University  
The Registrar, Cooch Behar Panchanan Barma University

### Scientific Organizing Committee:

Prof. Bikash Ch. Paul (University of North Bengal)  
Prof. Farook Rahaman (Jadavpur University)  
Dr Ranjan Sharma (CBPBU)

### Conference Organizers:

Dr Ranjan Sharma (Coordinator, CBPBU)  
Prof. Kanak Saha (Coordinator, IUCAA)  
Prof. Prabir Kr. Haldar (CBPBU)  
Dr Pradip Kr Chattopadhyay (CBPBU)  
Dr Nirpat Subba (CBPBU)

### For more information please contact:

Dr Ranjan Sharma  
Email: rsharma.jpg@gmail.com

### To register:

Copy or click on the following link :

<https://forms.gle/kwqC2UqSZoWSrjZZ8>

We look forward to welcoming you at  
CBPBU for a stimulating conference!