



Exploring the Cosmos 2025 A National Conference on Relativistic Universe

February 23 & 24, 2025

Overview: The conference will focus on recent achievements in Relativistic Astrophysics, Astronomy, Astroparticle physics, Particle physics, Space Science and Instrumentation in the concerned fields to get familiar with each other work, to exchange scientific experiences, to get new insights and to establish a feeling of coherence within the researchers of the field.

The conference will provide mainly to the Indian scientists an opportunity to disseminate the latest research results to each other from analysis of experimental/astronomical data (including space-borne, ground-based data), simulation and theory, addressing various relativistic aspects of astrophysics, astroparticle physics and high energy physics and fundamental issues of the concerned subjects in the effort of understanding the mysteries of the Cosmos.

Themes and sub-themes: Relativistic Astrophysics, Astroparticle Physics (Cosmic Rays), Astronomy, Space Science, GR and Cosmology, Neutrino, physics and other related topics, High energy physics, Instrumentation in the concerned fields, Fundamental issues of astrophysics, astronomy and High Energy Physics, Other branches of Physics, Mathematics and

other Science subjects having applications in Astrophysics & Astronomy, Astroparticle Physics, Space Science and High Energy Physics.

Conference date(s): 23rd and 24th February, 2025

Venue: High Energy & Cosmic Ray Research Centre, University of North Bengal (UNB)

Procedure for participation: For participation, interested persons are requested to submit the title and abstract of his/her proposed presentation to the convener (am.hecrcc@nbu.ac.in) by 7th February 2025. Subsequently, the applicants, whose abstracts are selected by the organizing committee for presentation, will be intimated by 11th February, 2025 for participation.

Registration fee: Nil

Financial Support: Nil

N.B.: Due to financial crisis, no expenditure towards TA (travelling allowance) or accommodation can be provided by the organizing committee.

Patron: Vice Chancellor, UNB

Organizing Committee:

A. Mukherjee (Convener, am.hecrcc@nbu.ac.in), UNB;
Dr. T. Sarkar (Jt. Convener), UNB;
Dr. A. Bhadra (Member), UNB.