

# Exploring the Cosmos: National Conference on Relativistic Universe-2024 (NCRU-2024)

The High Energy & Cosmic Ray Research Centre is organizing a two-day Seminar on relativistic astrophysics on March 7-8, 2024.

**The overview of the Seminar:** The seminar aims to discuss recent advancements in Relativistic Astrophysics, Astronomy, Astro-particle physics, Particle physics, Space Science, and Instrumentation. Its primary goal is to foster collaboration among researchers, facilitate the exchange of scientific knowledge and experiences, generate new insights, and promote a sense of unity within the scientific community. This event offers Indian Researchers a platform to share their latest research findings, encompassing the analysis of experimental and astronomical data (both space-borne and ground-based), simulations, and theoretical investigations. It focuses on exploring various relativistic aspects of astrophysics, Astro-particle physics, high energy physics, and fundamental concepts in order to unravel the mysteries of the Cosmos. The Seminar will have few invited talks and oral/Poster Presentation from the Researchers working in the above mentioned areas.

**The Subthemes of the seminars are:** Relativistic Astrophysics, Astro-particle 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, Astro-particle Physics, Space Science and High Energy Physics.

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

**Mode:** The seminar will be held in offline mode.

**Patron:** Vice Chancellor, UNB

**Scientific Organizing Committee:** Prof. T. K. Das (HRI), Dr. A. Bhadra (UNB), Dr. R. Sharma (CPBU), Dr. B. Raychaudhuri (Visva Bharati), A. Mukherjee (UNB), Dr. R. K Dey (UNB), Dr S Ghosh (SRM, Sikkim), Dr. S. Ghose (HRI), Dr. P. Banik (BU), Dr. S. Ghosh (UNB), Dr. T. Sarkar (UNB, Convener)

**Joining link of WhatsApp:** <https://chat.whatsapp.com/Bpvq0oeHS3hBySZXMZrIBN>

**Link for Registration and Submission of Abstract :** <https://forms.gle/ZZDydBuUf5GDWXXs8>

(Last date: 18-02-2024)

