



Fourth Bibha Chowdhury Memorial Lecture

Universe and Its Building Blocks of Stars and Galaxies

Abstract

Astrophysics involves the study of the physical processes that govern the behaviour of astronomical objects, and the study of the origin, evolution, composition, and fate of the Universe. From the big picture to the local universe, studies of stars and nearby galaxies play a big role in understanding the building blocks of our universe. The data from the ground and space based observatories as well as major survey programs have provided multi-wavelength data to understand the physical and dynamical processes that govern the formation, interaction and evolution of stars, galaxies as well as galaxy groups. In this talk I will present my journey in astronomy, the projects that I am involved in and some of the science highlights.

Speaker: Prof Annapurni Subramaniam

Director, Indian Institute of Astrophysics, Bangalore



Professor Annapurni Subramaniam currently serves as the Director of the Indian Institute of Astrophysics, Bangalore. A Fellow of the Indian Academy of Sciences, National Academy of Sciences and an active member of the International Astronomical Union, she has made significant contributions to the study of star clusters, stellar evolution, population in galaxies and Magellanic clouds, etc. She also worked on AstroSat Mission & UV Studies and the Thirty Meter Telescope Project. Among her many other accolades,, she was conferred the prestigious Rashtriya Vigyan Puraskar, Vigyan Shri Award in 2024 in recognition of her exceptional contributions to space science and technology.

All are cordially invited

Organized by

Department of Physical Sciences

Indian Institute of Science Education and Research (IISER), Kolkata

Venue: **MN Saha Lecture Theatre**

Date: **Wed, 6 Aug 2025**

Time: **2:30 - 4:00 pm**