

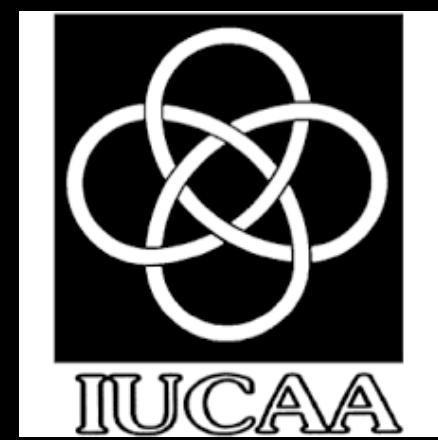


Department of Physics

Panjab University, Chandigarh

Presents

an IUCAA sponsored workshop on



EVOLVED STARS TO COMPACT OBJECTS TRACING STELLAR EVOLUTION AND EXPLOSION

This event aims to introduce students to the fundamentals of stellar evolution, covering star formation, main-sequence life cycles, and the final stages leading to white dwarfs, neutron stars, and black holes. It will provide insights into the process of nucleosynthesis, explaining how elements are produced during different stellar phases and explosive events such as supernovae. Participants will also explore the physics and observational characteristics of compact objects including neutron stars, pulsars, and black holes, with a focus on recent discoveries and modern observational techniques. In addition, the event seeks to familiarize students with current research trends in astrophysics, fostering critical thinking and inspiring interest in advanced study and research in the field.

Who can apply?

We welcome applications from Master's and final year Bachelor's students in Physics and related fields. Limited travel and accommodation support may be extended to non-local participants.

ABOUT IUCAA

The Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, is an autonomous institution set up by the University Grants Commission (UGC) to promote excellence in research and teaching in astronomy and astrophysics. Established in 1988, IUCAA serves as a national hub for university researchers, fostering collaborations and providing advanced training, research facilities, and outreach in the field of space sciences.

WORKSHOP COORDINATORS

SAKSHI GAUTAM (PANJAB UNIVERSITY)

ANUPAM BHARDWAJ (IUCAA)

FOR DETAILS:

[CLICK HERE](#) OR SCAN THE QR BELOW



LAST DATE TO APPLY:
31 DECEMBER 2025

WORKSHOP DATES:
16-17 FEBRUARY 2026

For any queries, contact: pu.iucaa.workshop2026@gmail.com