



# Physics Academy of the North East

## PANE Winter School 2025

Introductory Course on Astrophysics and Cosmology  
(Online Mode)

December 8 – 20, 2025

Time 3.00 – 7.00 P.M

This Winter School, organised by Physics Academy of the North East (PANE), targeted at PhD, MSc and exceptionally motivated BSc students will introduce foundational courses on Astrophysics and Cosmology, required for initiating research in the field. It will consist of a series of lectures on Stellar Astrophysics, General Relativity and Black Hole Physics and Cosmology to be delivered by experts in these fields.

### Topics and Course Instructors

#### General Relativity and Black Holes

**Sumanta Chakraborty**,  
School of Physical Science,  
IACS, Kolkata

**Santabrata Das**,  
Department of Physics, IIT  
Guwahati

#### Stellar Astrophysics

**Anupam Bhardwaj**,  
IUCAA, Pune

**Biman J Medhi**,  
Department of Physics,  
Gauhati University

**Sukanta Deb**,  
Department of Physics,  
Cotton University

#### Cosmology

**Atri Deshamukhya**,  
Department of Physics,  
Assam University

**Subinoy Das**,  
Indian Institute of Astrophysics,  
Bengaluru

**Sanjeev Kalita**,  
Department of Physics,  
Gauhati University

#### Convenor

Dr. Sanjeev Kalita  
Department of Physics  
Gauhati University

Email: [sanjeev@gauhati.ac.in](mailto:sanjeev@gauhati.ac.in)



Scan for registration!

#### Registration Details

Fee: Rs. 500/-\*

Deadline:

December 2, 2025

Link:

<https://shorturl.at/yVsJb>

For more information visit: <https://www.paneindia.org/>

\* The registration fee amount will be refunded to candidates who are not selected.