



Inter-University Centre for Astronomy and Astrophysics
NATIONAL SCIENCE DAY CELEBRATIONS
Open Day for Public - February 28, 2025, Friday
We welcome you to Explore, Learn & Enjoy from 10:00 am to 5:00 pm
(Programmes may change. Those not timed, will repeat at regular intervals)
For more information please visit: <http://scipop.iucaa.in>

Activity locations & schedule

Aryabhata & Kund

The Foucault Pendulum, Statues of four Great Scientists, introduced by volunteers, Live Solar telescope

Bhaskara 1

Themed Presentation - "LIGO India"
(20 min sessions in Eng/Mar)

Bhaskara 2 Foyer

Demonstrations about Gravitational Waves, Black Holes and Laser Interferometers

Bhaskara 2

ADITYA - L1 Model, Sun & Solar Astronomy exhibits

Bhaskara 3

"Quantum Science & Technologies"
– Model and Demonstrations
(20 min sessions in Eng/Mar)

Bhaskara 3 Foyer, Sky Dome & other places

AstroSAT model,
Posters Presentation: Overview of Astronomy, Astrophysics and research at IUCAA

Neem Tree Corner

Aeromodeling Demonstrations
(15 min sessions in Eng/Mar every hour)

Varahamihira Quadrangle

Model of IUCAA, Roche Lobes

Muktangan Vidnyan Shodhika

School Astronomy Lab demo,
Amateur Astronomy information,
Radio Astronomy experiments,
Information on Outreach and ACE activities

Chandrasekhar Auditorium Foyer

Model demonstrations by school students

Chandrasekhar Auditorium (*first come - first seated*)

- 10:00 am** “Why should we study the Sun?” (English) – Janmejy Sarkar
10:40 am “How did we know that Earth revolves around the Sun?” (English) – Sourav Das
11:30 am* “Fun Mathematics via stories & puzzles” – Special session by J. V. Narlikar
12:15 pm “The life and death of stars” (English) – Susmita Das
12:50 pm “पल्लसार ताऱ्यांचे प्रदर्शन” (Marathi) – Parisee Shirke
13:20 pm “From Cosmic Dawn to Distant Future” (English) – Suraj Dhiwar
2:00 pm* “Ask a Scientist” - Q&A with IUCAA Scientists
3:15 pm “Astro Mythbusters” (English)
4:15 pm “Origin of Matter and Structure in the Universe” (English) – Swagat Misra
4:45 pm “बाह्यग्रह (एक्सोप्लेनेट) की खोज” (Hindi) – Suvas Choudhary
5:15 pm “Citizen Science & AI Driven Astronomy” (English) – Atharva Pathak
6:00 pm Special Lecture - “Celebrating Quantum Entanglement and its Impact in society”
by Anindita Banerjee, CDAC, Pune

Savitribai Phule Pune University Sports Ground (close to IUCAA)

7:00 pm to 10:00 pm “Know our shared sky” skywatch and viewing through telescopes **

** Passes necessary. Limited passes available at IUCAA.

* Events will be webcast live at : <https://www.youtube.com/IUCAASciPOP/live>