

Exploring the Cosmos with 3.6-meter DOT: From Observations to Science Results (ExCoDOT-2026)

About the Workshop

The 3.6-meter Devasthal Optical Telescope (DOT), operated by ARIES, is India's premier facility equipped with advanced imaging and spectroscopic instruments. DOT enables a wide range of scientific studies—including galactic sources to the investigation of extragalactic objects and solar system bodies.

This workshop is intended to familiarize young astronomers with the telescope's full capabilities. It will cover the process of preparing observing proposals, conducting observations, reducing the acquired data and exploring key scientific applications to help users make the most of this national facility.



Deadline
28 August 2026

Workshop Key Topics

- Overview of the 3.6m DOT and its scientific instruments.
- Practical demonstration of night observations with each instrument.
- Data reduction and analysis sessions for imaging and spectroscopy.
- Guidelines and best practices for writing observing proposals.
- Introduction to key science cases enabled by 3.6m DOT observations.



16 – 20 November 2026



**ARIES Nainital &
Devasthal Observatory**

Organized by

