



# DATA-DRIVEN ASTRONOMY EXPEDITION:



LAUNCHING YOUR CELESTIAL JOURNEY

## NATIONAL WORKSHOP ON DATA-DRIVEN ASTRONOMY

DECEMBER 11 -13, 2023

Indian Institute of Technology (IIT), Hyderabad

15 OCTOBER  
2023

Application Deadline

20 OCTOBER  
2023

Announcements of Selected  
Participants

Modern day telescopes produce petabytes of data and this presents students with the opportunity to analyze such publicly available astronomical data sets. This workshop is aimed at providing early bachelors/late masters students having basic knowledge of physics, mathematics and computation with a hands-on introduction to astronomy using such datasets. This 3 day workshop will cover some of the basic concepts of stellar, galactic and extra-galactic physics through short lectures and hands-on computational sessions with some of the publicly available astronomical datasets. Students will be provided with accommodation for their interval of stay and will receive a certificate on completion.

### Coordinators

Dr Mayukh Pahari (IITH)  
Prof Ranjeev Misra (IUCAA)  
Dr Souryadeep Bhattacharya (IUCAA)  
Dr Chayan Mondal (IUCAA)  
Dr Megha Anand (IUCAA)  
Prof Santanu Desai (IITH)  
Saurabh Sharma (IITH)

Interested students can apply using the below QR code or the following link:

<https://forms.gle/dM4kXih2dtjDjoXy8>

Preference will be given to final year B.Sc/B.Tech and M.Sc/M.Tech students from in and around Telengana. Outstation participants will be provided accommodation



For any queries please email at [nakshtra.astroclub@phy.iith.ac.in](mailto:nakshtra.astroclub@phy.iith.ac.in)

For more info visit <https://academics700.github.io/data-driven-astronomy-expedition.github.io/>