

AACST LEARNING HUB ONLINE COURSES

COMPUTATIONAL ASTROPHYSICS RECORDED COURSE

From Fundamentals to Advanced Exploration

ABOUT THE COURSE

This Recorded Course in Computational Astrophysics is specially designed to introduce learners to the exciting intersection of astronomy, physics, computation, and artificial intelligence. The course provides a structured learning pathway from basic scientific concepts to advanced computational exploration of the universe.

Participants will gain exposure to Python-based scientific computing, astrophysical simulations, data analysis, visualization techniques, and computational thinking used in modern astronomy and space science.

COURSE HIGHLIGHTS

- Recorded Lectures Available Anytime
- Learn at Your Own Pace
- Lifetime Access to Sessions
- Practical Examples & Demonstrations
- Beginner Friendly Learning Structure
- Hands-on Computational Activities
- High-Quality Recorded Sessions
- National-Level Learning Experience

WHAT YOU WILL LEARN

- Basics of Astronomy & Space Science
- Computational Thinking for Problem Solving
- Python for Scientific Computing
- Simulations & Astrophysical Modelling
- Data Analysis & Visualization
- AI & Machine Learning Applications in Astronomy
- Real-world Projects & Case Studies

WHO CAN JOIN

- Students (Physics / Mathematics / Computer Science / Engineering)
- Teachers & Educators
- AI & Data Science Enthusiasts
- Anyone interested in space, computation, and modern scientific exploration

COURSE DETAILS

Starting From: 15 June 2026

Mode: Online (Recorded)

Access: Lifetime Access

Learning Style: Self-Paced

Course Type: Recorded Lecture Course

APPLICATION PROCESSING FEES

₹750/- ONLY
(75% DISCOUNT)

Original Price: ₹3000/-

E-CERTIFICATE

Participants will receive an E-Certificate upon successful completion of the course.

CHIEF ACADEMIC MENTOR

Dr. Abha Khandelwal
Director, AACST Learning HUB
Founder, AACST

PROGRAM COORDINATOR

Dr. Ojas Garg
Co-Director, AACST Learning HUB

RESOURCE FACULTY

Dr. Sathya Narayanan K
Assistant Professor, Department of Physics
The Cochin College, Kerala
Visiting Associate (IUCAA)

REGISTRATION LINK

<https://programsandevents.aacst.org/s/store>

CONTACT

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