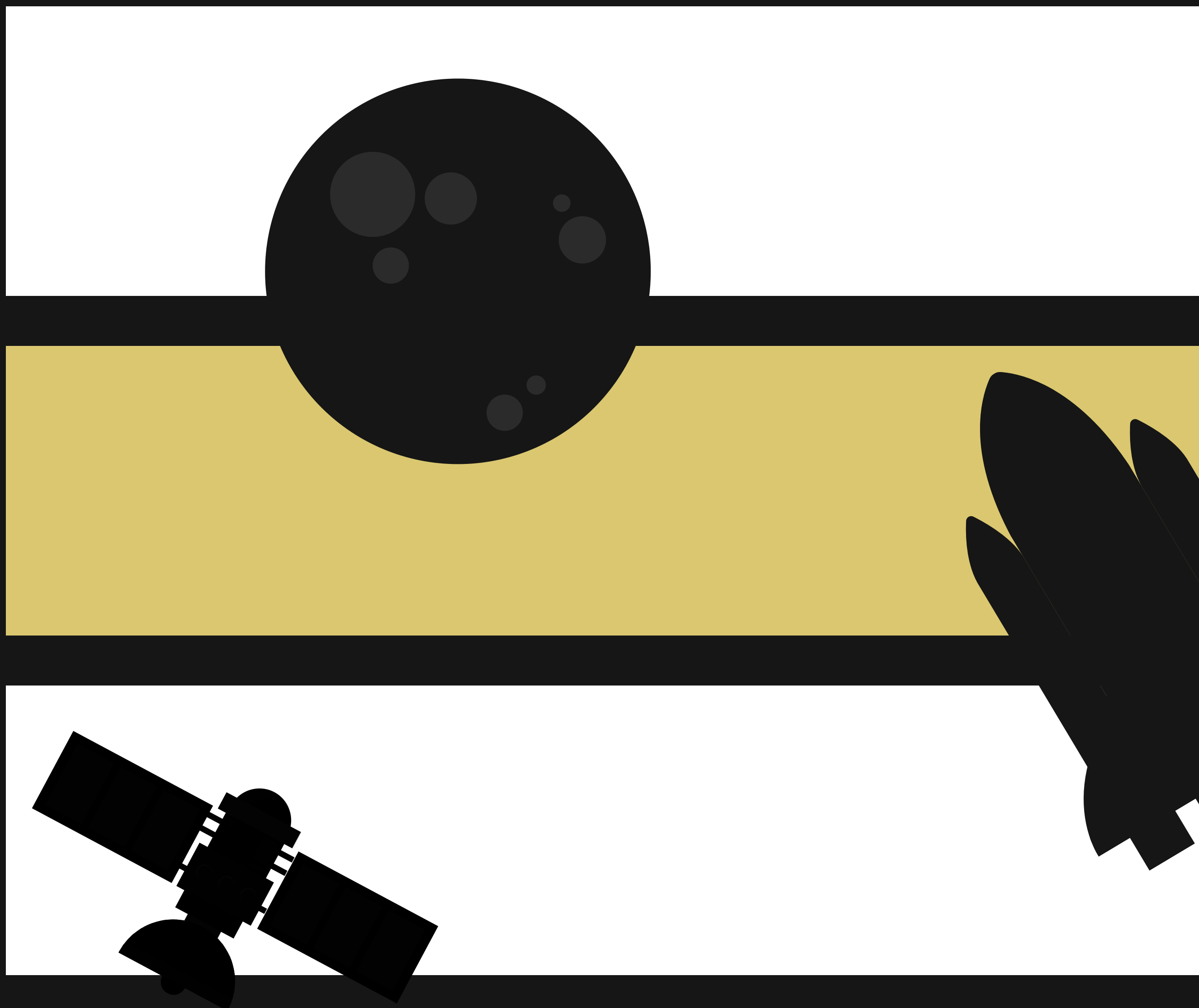


INSTITUTE FOR ADVANCED RESEARCH IN SCIENCE, BENGALURU



TRAINING PROGRAMME: TO CAPTURE EARTH'S ATMOSPHERIC PHENOMENA IN SATELLITES (CEAS)

LECTURE CLASSES IN ATMOSPHERIC SCIENCES AND PRACTICAL
TRAINING ON SATELLITE DATA ANALYSIS

COURSE START DATE SEPTEMBER 15, 2023

Contact: Dr Kusuma G Rao, Director, IARSc

Email: kusuma@iarsc.in

Phone: Office +91 8792 449294

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COURSE SYLLABUS

- Lectures: Introduction to satellites, Earth- observing satellite missions, Satellite measurements
- Lectures: Cloud systems of the Earth- Atmospheric system
- Lectures: Atmospheric measurements using ground-based instrumentation: Automated Weather Systems, Micro-meteorological Towers, Radiosondes
- Field trip to Scientific Institution
- Practical classes: On analysis of data from IR channel onboard satellites for cloud systems based on computer coding
- Satellite Imageries construction

Duration: 24 classes (Two classes on every Saturday/ Weekday)

Successful Students will be awarded with Certificate for Completion of the course by IARSc.

FEE STRUCTURE

- Registration Fee: INR 10,000
- Examination Fee: INR 1,500

COURSE TOPPERS WILL BE GIVEN OPPORTUNITY TO DO PILOT PROJECTS IN ATMOSPHERIC SCIENCES

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