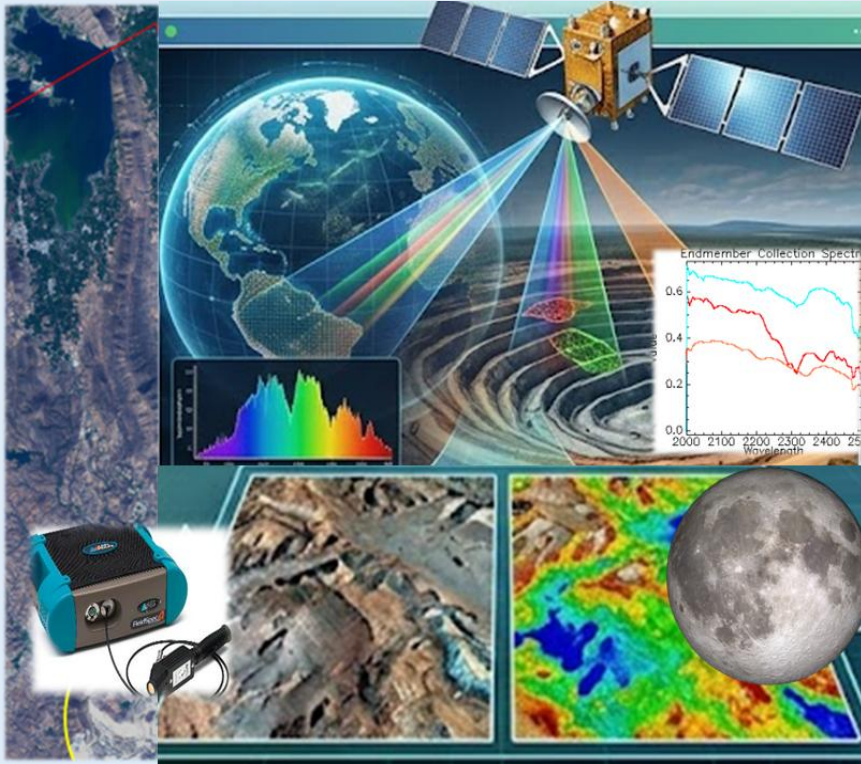


Remote Sensing for Exploration of Geological Resources



INTRODUCTION

15th MOOC on “Remote Sensing for Exploration of Geological Resources” will be available for the participants between 3rd August to 7th August 2026. The course will have 05 lectures on different aspects of Remote Sensing for Exploration of Geological Resources. The participants will be able to attend the lectures through the Learning Management System of Indian Institute of Remote Sensing, ISRO and on completion of the lectures as provided in the sequence, will be eligible for an online quiz/examination. On successfully passing the online examination, the participants will be eligible for certificate which will be sent to their emails through which they will register.

AIM OF THE COURSE

This online course provides training in applying remote sensing and GIS techniques for the exploration of geological resources. This online course bridges satellite data analytics and field geology—teaching you to detect, map, and evaluate valuable minerals and groundwater resources using modern Remote Sensing and GIS tools. The overall aim of this one-week training course is to make awareness among professionals and researchers about applications of remote sensing for geological studies.

Target participants

The course is designed for professionals, faculty members, scientists and researchers (JRF/SRF/RA) from Central/State Govt./Private Organizations/Institutes/Universities engaged in Earth sciences and geological studies.

COURSE STRUCTURE

The course will cover the following topics:

Data processing techniques in geological exploration; RS for geology with emphasis on engineering geology; Multispectral and Hyperspectral for mineral exploration; Planetary geological exploration; Integration of EO and Geophysical data for Ground water exploration.

How to apply

Online registration for the course will be opened from 28 July 2026. The link to the registration is: <https://eclass-intl-reg.iirs.gov.in/>

Course Fee

There is no course fee for the candidates to attend this course.

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