ISRO-Sponsored
Summer School
on
"Remote Sensing & GIS for Environmental Studies"
(June 23-27, 2025)

iirs

Introduction

Environment is the life supporting system. All necessities of day to day life are available from our environment. But the over-exploitation of natural resources and environmental pollution are corroding the vital life support systems. Remote Sensing data & GIS along with some models can be used to monitor and mapping of natural resources and environmental pollution in addition to natural disasters like cyclone, tsunami, avalanche, floods, drought, hailstorm, wildfire etc.

Indian Institute of Remote Sensing (IIRS), Dehradun, a constituent unit under Indian Space Research organization (ISRO) is engaged in imparting training and education in the field of Remote Sensing and GIS Sciences since 1966 to meet the requirements of various stake-holders, ranging from fresh graduates to policy makers including academia, industry, different government departments and NGOs. This course for school students is of one week duration and the focus of the course is on principles of Remote Sensing & Geographic Information System (GIS) and its applications for environmental studies.

Aim of the course

The course is intended to engage secondary and higher secondary students to create awareness about Remote Sensing Technology & its use for the study of mother planet Earth and its environment through informative lectures and demonstration. Remote sensing and GIS technology are potential tools to understand the vast environment. Exposing the knowledge of satellite data utilization via GIS and image processing software in environmental science has a great scope as it would help the students to understand the importance of remote sensing and then in career decision making.

Course Duration

The course will be of one week duration from June 23 , 2025 to June 27, 2025.

Course Structure

The course will have theory classes and demonstrations. The participants are expected to stay in IIRS from 0915 hrs to 1530 hrs

Who Can Apply?

Indian students of 10th, 11th and 12th standard can apply for the course. Maximum two students can apply from each school.

Course Fee & Facilities

❖ There is no course fee for the participants.
❖ No accommodation shall be provided to the participants.
❖ The participants will be provided with working lunch and refreshment.

Important Dates

❖ Fill the attached form and send by April 25, 2025. Photocopy of the form may also be used. Form can also be downloaded from IIRS website (https://admissions.iirs.gov.in/coursecalender)

❖ Final confirmation shall be sent by email to school (copy to student) by May 12, 2025. The email-id provided in the application form shall be used for sending the confirmation.

Completed application form should be sent (by email or post) to

Marine and Atmospheric Sciences Group (MASG) Office
Indian Institute of Remote Sensing (IIRS)
Indian Space Research organisation
4 kalidas Road, Dehradun-248001,
Email: masdoffice@iirs.gov.in

For further queries/details contact
masdoffice@iirs.gov.in, 0135-2524179

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APPLICATION FORM

Application No.

Paste a recent passport size photograph

(for office use)

Name in full (all capitals):

Father's name:

Mother's name:

Date of birth:

Standard:

School and address:

Email (school):

Residential address:

Contact no. (Student):   **Email (Student):**

Date: ....   **Signature (Student):** ....

Signature of Principal
(with official seal of the school)

Note: Filled and signed application form should reach (by email or post) to Marine and Atmospheric Sciences Group (MASG) Office, Indian Institute of Remote Sensing (IIRS), 4 kalidas Road, Dehradun-248001, Email: masdoffice@iirs.gov.in by April 25, 2025