

Published on: August 04th 2025

Revised on : October 6th 2025

Govt. of India
Department Space
Indian Space Research Organization
Indian Institute of Remote Sensing

One Seventy-Two IIRS Outreach Programme

On

Overview of Geographical Information System

Course Schedule

Course Coordinator: Shri. Prabakar Alok Verma

S. No.	Course Name	Module Name	From	To
1.	Overview of Geographical Information System	Module-3	06-10-2025	29-10-2025

Date	Day	Time	Topic	Speaker
6/10/2025	Monday	1600-1730 hrs	Introduction to GIS	Dr. Vandita Srivastava
7/10/2025	Tuesday	1600-1730 hrs	Geographic Phenomena, Concepts and examples	Mr. Prasun Kumar Gupta
8/10/2025	Wednesday	1600-1730 hrs	Map Projection Concepts & Use in RS & GIS	Dr. Ashutosh
9/10/2025	Thursday	1600-1730 hrs	GIS Data Models (Spatial and Non spatial)	Mr. Ashutosh Kumar Jha
10/10/2025	Friday	1600-1730 hrs	Data Inputting and Editing in GIS	Mr. Prabhakar Alok Verma
11/10/2025	Saturday			
12/10/2025	Sunday			
13/10/2025	Monday	1600-1730 hrs	Spatial Analysis – Introduction	Dr. Vandita Srivastava
14/10/2025	Tuesday	1600-1730 hrs	Spatial Analysis (Vector & Raster)	Dr. Vandita Srivastava
15/10/2025	Wednesday	Break		
16/10/2025	Thursday	1600-1730 hrs	Open Source Software Technology & Tools	Mr. Prasun Kumar Gupta
17/10/2025	Friday	1600-1730 hrs	Uncertainty in GIS and Error Propagation	Mr. Prabhakar Alok Verma
18/10/2025	Saturday			
19/10/2025	Sunday			
20/10/2025	Monday	Holiday (Diwali)		
21/10/2025	Tuesday	Break		
22/10/2025	Wednesday	Break		
23/10/2025	Thursday	1600-1730 hrs	Overview of Spatial Data Quality	Dr. Ashutosh
24/10/2025	Friday	1600-1730 hrs	Network Analysis	Mr. Ashutosh Kumar Jha
25/10/2025	Saturday			
26/10/2025	Sunday			
27/10/2025	Monday	1600-1730 hrs	Map Visualisation	Mr. Ashutosh Kumar Jha
28/10/2025	Tuesday	1600-1730 hrs	Overview of Big Data Analytics	Mr. Kapil Oberai
29/10/2025	Wednesday	1600-1730 hrs	Recent Trends in Geoinformatics	Mr. Kapil Oberai

Note: Details about the course, examination and latest schedule will be updated on below link;

<https://www.iirs.gov.in/> or <https://www.iirs.gov.in/EDUSAT-News>

Examination Schedule:

Sl No.	Course Name	Course id	Examination date
1.	Overview of Geographical Information System	172	06th & 07 November 2025