

**Last Updated: 14 Sept 2021**

**Module- 3: Geographical Information System**  
Course Duration: **27-09-2021 to 22-10-2021**  
Course/Module Coordinator: **Shri Prabhakar Alok Verma**

Date	Day	Time	Topic	Speaker
27/09/2021	Monday	1600-1730 hrs	Introduction to GIS	Dr. Sameer Saran
28/09/2021	Tuesday	1600-1730 hrs	Geographic Phenomena, Concepts and examples	Mr. Prasun Kumar Gupta
29/09/2021	Wednesday	1600-1730 hrs	GIS Data Models (Spatial and Non spatial)	Mr. Ashutosh Kumar Jha
30/9/2021	Thursday	1600-1730 hrs	Data Inputting and Editing in GIS	Mr. K. Shiva Reddy
01/10/2021	Friday	1600-1730 hrs	Spatial Analysis – Introduction	Mr. Prabhakar Alok Verma
02/10/2021	Saturday			
03/10/2021	Sunday			
05/10/2021	Tuesday	1600-1730 hrs	Map Projection Concepts & Use in RS & GIS	Dr. Ashutosh
06/10/2021	Wednesday	1600-1730 hrs	Spatial Analysis (Vector & Raster)	Mr. Kapil Oberai
07/10/2021	Thursday	1600-1730 hrs	Open Source Software Technology & Tools	Mr. Prasun Kumar Gupta
08/10/2021	Friday	1600-1730 hrs	Overview of Spatial Data Quality	Mr. Prabhakar Alok Verma
09/10/2021	Saturday			
10/10/2021	Sunday			
11/10/2021	Monday	1600-1730 hrs	Uncertainty in GIS and Error Propagation	Mr. Prabhakar Alok Verma
12/10/2021	Tuesday	1600-1730 hrs	Map visualisation	Mr. Ashutosh Kumar Jha
13/10/2021	Wednesday	1600-1730 hrs	Demo visualisation	Mr. Ashutosh Kumar Jha
14/10/2021	Thursday	1600-1730 hrs	Network Analysis	Mr. Ashutosh Kumar Jha
15/10/2021	Friday	Holiday (Dussehra)		
16/10/2021	Saturday			
17/10/2021	Sunday			
18/10/2021	Monday	1600-1730 hrs	Overview of Machine Learning for GIS	Mr. Prabhakar Alok Verma
19/10/2021	Tuesday	Holiday (Milad-Un-Nabi)		
20/10/2021	Wednesday	1600-1730 hrs	Overview of Big Data Analytics	Mr. Kapil Oberai
21/10/2021	Thursday	1600-1730 hrs	Recent Trends in Geoinformatics	Dr. Sameer Saran
22/10/2021	Friday	1600-1730 hrs	Panel Discussion	