

Module Name- Basics of Geocomputation and Geoweb Services
Module/ Course Module/Course Coordinator: Shri. Kamal Pandey

Date	Day	Time	Topic	Speaker
19/10/2020	Monday	1600-1700hrs 1700-1730 hrs	Introduction to Geocomputation- Technology and applications Interactive Session	Dr. Harish C. Karnatak
20/10/2020	Tuesday	1600-1700hrs 1700-1730 hrs	Introduction to online GIS and Geo-web services Interactive Session	Dr. Harish C. Karnatak
21/10/2020	Wednesday	1600-1700hrs 1700-1730 hrs	Open Geodata Repositories & ISRO Geoweb Services for thematic applications Interactive Session	Shri Kamal Pandey
22/10/2020	Thursdays	1600-1700hrs 1700-1730 hrs	Programming concepts for Geo-computation- Introduction to Python and R Interactive Session	Shri Ravi Bhandari
23/10/2020	Friday	1600-1700hrs 1700-1730 hrs	Overview on concept of DBMS, RDBMS and SDBMS for geo-data handling Interactive Session	Shri Dharmendra Kumar
26/10/2020	Monday	1600-1700hrs 1700-1730 hrs	Basics of cyber infrastructure requirement for GIS, computing, storage, archive, network and firewall infrastructure in GIS lab Interactive Session	Shri Dharmendra Kumar
27/10/2020	Tuesday	1600-1700hrs 1700-1730 hrs	Crowdsourcing and participatory GIS using online tools & technologies Interactive Session	Shri Kamal Pandey
28/10/2020	Wednesday	1600-1700hrs 1700-1730 hrs	Practical Demonstration on: Virtual reality, 2D and 3D geo-visualizations in web platforms Interactive Session	Dr. Harish C Karnatak
29/10/2020	Thursdays	1600-1700hrs 1700-1730 hrs	Practical Demonstration on Introduction to Cloud GIS Interactive Session	Shri Ravi Bhandari