

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

<b>Date</b>	<b>Day</b>	<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
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 Kamal Pandey
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	Practical Demonstration on: Virtual reality, 2D and 3D geo-visualizations in web platforms  Interactive Session	Dr. Harish C Karnatak

Date	Day	Time	Topic	Speaker
		1700-1730 hrs		
29/10/2020	Thursdays	1600-1700hrs  1700-1730 hrs	Practical Demonstration on Introduction to Cloud GIS  Interactive Session	Shri Ravi Bhandari