

Overview of Web GIS Technology

Target Participants- Open for all

Course Duration- [June 21, 2021 to July 02, 2021](#)

Tentative Schedule

S. No.	Topic	Date & Time	Resource Person
1	Inaugural Session	21/06/2021 15:30 hrs	IIRS
2	Introduction to Client-server systems, Internet and Web GIS technology	21/06/2021 16:00- 17:00 hrs	Dr. Harish C Karnatak
	Interactive Session	17:00-1730 hrs	
3	Introduction to HTML and Javascript	22/06/2021 16:00- 17:00 hrs	Mr. Anoop Kumar Singh / Mr. Ankit
	Interactive Session	17:00-1730 hrs	
4	Introduction of Database Management System- SQL Queries and Data visualization including PostgreSQL and POSTGIS	23/06/2021 16:00- 17:00 hrs	Mr. Dharmendra Kumar
	Interactive Session	17:00-1730 hrs	
5	Introduction to publicly available webGIS platform for Geodata Processing	24/06/2021 16:00- 17:00 hrs	Mr. Ravi Bhandari
	Interactive Session	17:00-1730 hrs	
6	OGC We Services and Data publishing using Geoserver	25/06/2021 16:00- 17:00 hrs	Mr. Kamal Pandey
	Interactive Session	17:00-1730 hrs	
7	Hand-on Experiment on Geoserver-SLD, WMS, WFS, WCS and other Geo-web services.	28/06/2021 16:00- 17:00 hrs	Mr. Kamal Pandey
	Interactive Session	17:00-1730 hrs	
8	Web Mapping APIs – OpenLayers	29/06/2021 16:00- 17:00 hrs	Mr. Anoop Kumar Singh
	Interactive Session	17:00-1730 hrs	
9	Web Mapping APIs – Leaflet	30/06/2021 16:00- 17:00 hrs	Mr. Kamal Pandey
	Interactive Session	17:00-1730 hrs	

S. No.	Topic	Date & Time	Resource Person
10	Development of Web GIS applications using Mashup architecture	01/07/2021 16:00- 17:00 hrs	Mr. Kamal Pandey
	Interactive Session	17:00-1730 hrs	
11	Web GIS applications for Governance	02/07/2021 16:00- 17:00 hrs	Dr. Harish C Karnatak
	Panel Discussion	17:00-1730 hrs	

Registration link- <https://elearning.iirs.gov.in/edusatregistration/student>

Course Coordinator
IIRS DLP Program