

Advance Course on “GEOWEB SERVICES-TECHNOLOGY & APPLICATIONS”

11th February 2013 –15th March 2013

S. No.	Date & Time (hrs)	Days	Lecture Description	Lecture/ Practical
1	11-02-2013 1600-1730	Monday	Introduction to Geospatial technology	L
2	12-02-2013 1600-1730	Tuesday	Internet technology- Overview & architecture	L
3	14-02-2013 1600-1730	Thursday	Web applications for geo-spatial data disseminations and processing - Geoweb 2.0 and AJAX	L
4	15-02-2013 1600-1730	Friday	Introduction to Web technology for GIS- Mapserver and Geoserver	L
5	18-02-2013 1600-1730	Monday	Introduction to Web technology for GIS- ArcGIS server	L/P
6	19-02-2013 1600-1730	Tuesday	Spatial Database Organization and Management- PostgreSQL and POSTGIS	L
7	21-02-2013 1600-1730	Thursday	Spatial Database Organization and Management- PostgreSQL and POSTGIS	P
8	22-02-2013 1600-1730	Friday	Spatial data interoperability and OGC Web services	L
9	25-02-2013 1600-1730	Monday	Geoserver and Mapserver installations and configuration	P
10	26-02-2013 1600-1730	Tuesday	Introduction to OpenLayer API and GeoEXT	L
11	28-02-2013 1600-1730	Thursday	Development and customization of GeoWeb Application	L
12	01-03-2013 1600-1730	Friday	Development and customization of GeoWeb Application	P
13	04-03-2013 1600-1730	Monday	ISRO Geoweb Services- Case studies	L
14	05-03-2013 1600-1730	Tuesday	ISRO Bhuvan Geoportal: Products and Services	L
15	07-03-2013 1600-1730	Thursday	Utilization of Bhuvan data and information services-Applications in Urban/rural development	P
16	08-03-2013 1600-1730	Friday	Geoweb application development using Bhuvan data services and API	P
17	11-03-2013 1600-1730	Monday	Open data and Map services: Spatial mashup solutions and crowd sourcing	L/P
18	12-03-2013 1600-1730	Tuesday	Applications of Distributed GIS- SDI and applications	L
19	14-03-2013 1600-1730	Thursday	Metadata standards and catalogue services- Geonetwork and demonstration on Indian Bioresource Information Network (IBIN).	L/P
20	15-03-2013 1600-1730	Friday	Open source geo-spatial technology for web GIS Development	L
22-03-2013		Friday	Examination	

L=Lecture, P=Practical