



**3 Day Workshop by Prithvi Geospatial
on
“Applications of Open Source GIS in Civil
Engineering”
At Graphic Era deemed to be University,
Dehradun,**

Tentative Schedule of Course

DAY 1:

Session Title	Schedule	Description
Introduction to GIS	10:00-10:30	Lecture
Basics of GIS	10:30-11:00	Lecture
Introduction to QGIS	11:00-11:30	Demo
Georeferencing the toposheet	11:30-12:00	Hands-on
Creating a Shape file	12:00-13:00	Hands-on
Lunch break	13:00-14:00	-
Mapping	14:00-14:30	Lecture
Coordinate System and Projections	14:30-15:00	Lecture
Map Composition	15:00-16:00	Hands-on

DAY 2:

Session Title	Schedule	Description
Introduction to Remote Sensing	10:00-10:30	Lecture
Types of Geospatial Data and their source	10:30-11:00	Lecture
Working with Basic GIS Operations	11:00-13:00	Hands-on
Lunch Break	13:00-14:00	-
Bhuvan Geoportal	14:00-15:00	Lecture
Data Downloading from various Sources	15:00-16:00	Hands-on

DAY 3:

Session Title	Schedule	Description
Global Navigation Satellite System (GPS)	10:00-10:30	Lecture
Exploring Google Earth	10:30-11:00	Demo
Openstreetmap	11:00-11:30	Hands-on
Raster Operation in QGIS	11:30-13:00	Hands-on
Lunch Break	13:00-14:00	-
Geospatial Data Collection using mobile apps	14:00-15:00	Demo
Trends in Geospatial Industry	15:00-15:30	Lecture
Discussions	15:30-15:45	-
Valedictory and Certificate Distribution	15:45-16:00	-

Course Fees: Rs. 700/- per student (Minimum Batch Size : 25 students)

Certificate will be provided to each student on successful completion of Workshop