

# **Indian Institute of Remote Sensing**

**Government of India  
Department of Space  
Indian Space Research Organization  
Indian Institute of Remote Sensing Dehradun**

**“Geoprocessing and Visualization on Web Platform”**

**Department of Geography  
MSG College Malegaon**

## **Course Syllabus**

<b>Sr. No.</b>	<b>Name of the Topic</b>
1	Overview of GIS and different geospatial data types
2	Overview to Python programming using
3	Raster data processing, resampling and analysis
4	Vector data processing and analysis
5	Geo spatial data visualization on web
6	Familiarization to various open-source geospatial data processing libraries e.g., GDAL, Geopandas etc.

**Coordinator**

**HOD**