**Gis Vision India®** 

# 1 Month GIS Development Training Course.

Training Module GVI®

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## **Table of Contents**

- 1. Introduction to Geographic Information Systems (GIS)
  - What is GIS?
  - Definition of GIS and its significance in various fields.
  - Historical development and evolution of GIS technology.
  - GIS Components
  - Software: Overview of popular GIS software
  - Data types
  - Geographic coordinate systems and projections.
  - Data models: Vector and raster data structures.

#### 2. Data Acquisition

- Data types: Topographic Maps, GPS data, remote sensing data.
- Data collection methods: Surveys, digitization, scanning.
- Data sources: Survey of India, Bhuvan, USGS Earth Explorer

#### 3. Georeferencing

- Introduction
- Load Data
- Set Coordinate System
- Add Control Points
- Rectification

#### 4. Digitization

- Introduction
- Shapefile and Geodatabase
- Vectorization: Point, line and polygon features
- File extensions in shapefile
- Editing and advanced editing tools
- Components in a shapefile
- Attribute table and data creation

### 5. Components of Map

- Map layouts
- Title
- Legend
- Scale and Cartographic Scale
- North Arrow/Compass Rose
- Grid Lines and Coordinates
- Borders and boundaries, geographic features
- Labels and Annotations
- Insets
- Grid reference, data sources and credits

#### 6. Thematic Maps

- Choropleth Maps
- Proportional Symbol Maps
- Dot Density Maps
- Isopleth Maps
- Flow Maps
- Heat Maps
- Thematic Line Maps
- 3D Thematic Maps

#### 7. GIS Data Analysis

- Buffer Analysis
- Overlay Analysis
- Spatial Join
- Dissolve and Merge
- Clipping and Extraction
- Spatial Statistics

#### 8. Data Transformation and Conversion

- Vector to Raster
- Raster to Vector
- Coordinate System Transformation
- Merging and Splitting Data
- Attribute Data Transformation
- Extraction, editing and conversion of AutoCAD data

- Extraction of spatial data from excel sheets
- Conversion and editing of GPS data

#### 9. Basics of Remote Sensing

- Introduction
- What is remote sensing? How does it work?
- Overview of the electromagnetic spectrum
- Remote Sensing Platforms and its types
- Characteristics and advantages of different platforms
- Remote Sensing Data Types

#### **10.Remote Sensing Data Processing**

- Introduction
- Bands/Channels
- Layer stack
- Band Combinations
- Extraction of Area Of Interest(AOI)
- Digital Elevation Model (DEM)
- Ortho mosaic

#### 11.Image Interpretation

- Introduction
- Visual interpretation vs. digital image processing
- Elements of Visual Image Interpretation
- Types of Digital Image Processing
- Enhancing and analyzing remotely sensed images

#### **12.Remote Sensing Applications**

- Urban Planning
- Natural Resource Management
- Forestry
- Land use and land cover mapping.
- Agriculture and crop monitoring.
- Environmental monitoring and change detection.
- Disaster Management
- Geology and Mineral Exploration

- Archaeology and Cultural Heritage Management
- Water Resource Management
- Climate Change Studies
- Transportation Planning
- Public Health Analysis

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