Global Mapper Course

Value Addition | Offline/Online
Duration: 24 hours

REGISTER NOW

KIG

KHAGOLAM
Institute of Geoinformatics

Course Information

Course Title: **Working with Global Mapper**
Duration: **24 hours**
Training Modes: **Offline/Online/Hybrid | Full-time/Part-time**
Timing**: Min 3 hours/day | Max 8 hours/day**

Fee

11,000 INR, for resident Nationals of India, Nepal, Bhutan, Bangladesh, Sri Lanka and Maldives, & Myanmar.

350 USD, For Non-Residents of India

Instalments: 5,000 on registration

6,000 - before course start

Course Eligibility

- Knowledge of computers
- Understanding of GIS fundamental concepts

View Course Fee

Overview

This course teaches you how to use Global Mapper for various GIS and Survey tasks. This includes importing online data and save it to use as offline, geo-rectification of raster images, digitization, visualization of 3D data, simulates water flood levels on terrain, draw sectional views, export data to various formats and many more.

Topic covered

1. Introduction to Global Mapper
   a. What is Global Mapper?
   b. Navigating the user interface
   c. Zooming and panning the map
   d. Working with the Overlay Control Center
   e. Managing the Configuration options
   f. Managing the Workspace
   g. Where to find help
   h. Using keyboard shortcuts
2. Importing or Adding Data
   a. Supported data formats
   b. Importing a vector layer (shapefile, etc.)
   c. Adding a raster image file
   d. Importing a Digital Elevation Model
   e. Adding data from a Web Mapping Service*
   f. Creating a Map Catalog to manage multiple map and layer sources
   g. Importing points, lines, and polygons from a text file
3. Data Creation and development
   a. Georefectifying an image file
   b. Creating and Editing Map Features
   c. Drawing points, lines and polygons (freehand and COGO)
   d. Modifying the geometry of existing objects
   e. Creating range rings
   f. Creating buffers
   g. Creating a map grid
   h. Searching for Records
   i. Searching and recentering the map on a specific address or coordinate pair
   j. Searching the attribute data

  k. Finding and replacing values in the attribute table

  l. Searching for objects within areas, range rings, and buffers

4. Managing Attributes

  a. Adding attributes to new features

  b. Updating object attribution

  c. Joining tabular data to assign attribution

  d. Creating a new layer from selected attributes or search results

  e. Embedding a link to an external file

5. Creating a thematic map

  a. Creating a density map

  b. Rendering Objects on the Map

  c. Changing and customizing styles for points, lines, and polygons

  d. Altering color and transparency in raster layers

  e. Adjusting the elevation shading

  f. Adjusting the map layout

  g. Printing the map view

6. 3-D Modeling Functions

  a. Importing xyz values to create an elevation model

  b. Creating and customizing a 3-D terrain map

  c. Creating 3-D vector features (buildings, etc.)

  d. Creating contours from a DEM

  e. Creating an elevation profile

  f. Rendering and calculating line-of-sight values

  g. Generating a viewshed model

  h. Calculating cut and/or fill volume

  i. Generating watersheds

7. Interfacing with a GPS Receiver

  a. Configuring Global Mapper to communicate with a GPS receiver

  b. Transferring maps to a handheld GPS receiver

  c. Rendering GPS-collected data

Why Khagolam:

- Specialize institute for geospatial technologies
- Job oriented curriculum
- Comprehensive training material
- 100% placement assistance
- Professional Trainers
- Exposure to live projects
- Flexible timings
- Exposure to 3D GIS
- Practice, aptitude and interview rounds
- e-library facility

K I G

Khagolam Institute of Geoinformatics

Mumbai | Pune

📱 *+91 989299 8626*

info@khagolam.com | www.khagolam.com

Be in touch [f] [instagram] [t]