

<b>Title:</b>	<h1>Working with Global Mapper</h1>	<b>Why Khagolam:</b> <ul style="list-style-type: none"> <li>• Specialize and Dedicated institute to geospatial technologies</li> <li>• Job oriented curriculum</li> <li>• Comprehensive training material</li> <li>• 100% placement assistance</li> <li>• Professional Trainers</li> <li>• Exposure to live projects</li> <li>• Convenient batch timings</li> <li>• Exposure to 3D GIS</li> <li>• Practice aptitude and interview rounds</li> <li>• Library facility</li> </ul>
<b>Duration &amp; Fees Structure:</b>	<p>24 hours</p> <p>11,000 INR, for resident Nationals of India, Nepal, Bhutan, Bangladesh, Sri Lanka and Maldives, &amp; Myanmar.</p> <p>350 USD, For Non-Residents of India</p> <p>Instalments:</p> <p>5,000 on registration</p> <p>6,000 - before course start</p>	
<b>Category:</b>	<p>Job-Oriented Course/ Value Addition Course</p>	
<b>Prerequisites:</b>	<p>✚ Understanding of GIS fundamental concepts</p>	
<b>Who Should Attend?</b>	<p>✚ Anyone who want to learn Global Mapper</p>	
<b>Overview:</b>	<p>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</p>	



raster images, digitization, visualization of 3D data, simulates water flood levels on terrain, draw sectional views, export data to various formats and many more.

**You will learn:**

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. Georectifying 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
  - d. Tracking and recording GPS location
  - e. Creating waypoints
  - f. Adding GPS-tagged images to the map
  - g. Data Export and Sharing Functions
- 8. Geocoding addresses
- 9. Exporting data Tools
  - a. Exporting vector layers
  - b. Exporting raster layers
  - c. Reprojecting layers
  - d. Exporting and sharing Global Mapper Package files
  - e. Collaborating with other Global Mapper users
  - f. Exporting elevation data
  - g. Exporting web-enabled data and tiles\*
- 10. Wrap-up

**Training Mode:**

-  Classroom - Instructor Led
-  Online - Instructor Led

**How to Apply:**

[Click here to know bank details and step by step registration process.](#)  
[Register Online](#)

**FAQ's:**

Q: Dose fess includes accommodation and food  
 A: No. but we can help you to get nearest accommodation

Last updated on: 25 Sep 2020