Certificate Course in ArcGIS

Overview

ArcGIS is a family of client software, server software, and online geographic information system (GIS) services developed and maintained by Esri. ArcGIS is geospatial software to view, edit, manage and analyze geographic data. ArcGIS is used by a wide range of fields and industries. For example, government, education, and commercial industries use ArcGIS. But the largest user base is in the environment, military, and land planning.

Course Duration: 40 Hrs. (Theory- 20hrs + Practical- 20hrs)

Course Highlights

- Fundamental concepts and basic functions of GIS
- Properties of GIS maps, and the structure of ArcGIS database
- Desktop tools to visualize geographic data (ArcMap)
- Creating thematic maps, and query a GIS database
- Analyzing data using common spatial analysis tools

Applications of ArcGIS

- Exploration of oil
- Mapping and Surveying
- Land Information Systems
- Urban Planning
- Development Planning
- Detection of coal mines
- Coastal Management
- Geological Mapping
- Administration of Land
- Changes in Land Use

Who Can Enroll

- Land Surveyors/ Civil Engineers
- Students perusing/ pass out Surveying /Civil Engineering Degree/Diploma
- Project Manager
- Transportation Engineers
- Structural Engineers
- Geologist
- Mining Engineers