



Dear Sir/Madam,

Greetings!!!

Thanks for contacting DP Project Development for your training requirement. DP Project Development is leading professional training provider in GIS technologies and GIS application domain.

We have following training options in GIS domain

- ArcGIS Fundamentals
- ArcGIS Implementation
- ArcGIS Analysis
- ArcGIS Web Data Sharing
- ArcGIS for Desktop
- ArcGIS for Server

© DP Project Development Pvt. Ltd.

Address- 572, Sector-4, Vaishali, Ghaziabad, Uttar Pradesh-201010 (INDIA)

Phone:-01204375244, +91-8586890684

Website: www.projectdevelopment.co.in, E-mail: info@projectdevelopment.co.in



ARCGIS FUNDAMENTALS

TRAINING DURATION 20 Hrs / 2 Weeks / Customized

TRAINING CHARGE 10,000+ Service Tax

TRAINING OBJECTIVE

By the end of the training, trainees will develop understanding on how GIS maps and ArcGIS tools are used to visualize real-world features, discover patterns, obtain information, and communicate that information to others.

TRAINING MODULES

What is the ArcGIS platform?

- Tools to easily find, create, share, and use GIS maps
- Multiplatform accessibility

What is GIS?

- Components of a GIS
- Understanding the geographic approach
- What can you do with a GIS?
- Making and sharing a map using ArcGIS Online



What makes data geographic?

- Representing real-world features digitally
- Geographic data formats and non-geographic data formats
- Documenting important information about data with metadata

Mapping real-world feature locations using coordinate systems

- Geographic and projected coordinate systems
- Identifying a dataset's coordinate system
- Changing a dataset's coordinate system
- Changing the coordinate system for a map

Finding GIS maps and data

- Considerations when selecting data
- Sources of GIS data

Exploring a GIS map

- Navigating around places of interest
- Finding features and accessing feature information
- Changing feature symbology
- Visualizing change over time

GIS analysis

- Solving spatial problems
- Five-step process



- Determining where and when things occurred
- Sharing analysis results as graphs and layers

Sharing GIS maps and results

- Common ways to share maps and results
- Sharing tools and data
- Sharing results as web maps and web mapping applications
- Accessing content through ArcGIS Online



ARCGIS IMPLEMENTATION

TRAINING DURATION 20 Hrs / 2 Weeks / Customized

TRAINING CHARGE 10,000 + Service Tax

TRAINING OBJECTIVE

This training is designed for GIS professionals and others who have introductory-level knowledge of GIS concepts and limited ArcGIS experience.

At end of this training, trainees will develop skills on:-

- Acquire fundamental skills needed to author, share, and use geographic information and maps across the ArcGIS platform.
- How to efficiently find, explore, manage, and analyze geographic data and create informative maps that showcase your work.
- Techniques to effectively share GIS maps and resources with decision makers, stakeholders, and the public.

TRAINING MODULES

Authoring, sharing, and using GIS maps

- Understanding the workflow
- Creating maps that combine local data with ArcGIS Online content
- Publishing a map to the web

Organizing geographic data

- Finding data for a project
- Storing data from different sources in a file Geodatabase

© DP Project Development Pvt. Ltd.

Address- 572, Sector-4, Vaishali, Ghaziabad, Uttar Pradesh-201010 (INDIA)

Phone:-01204375244, +91-8586890684

Website: www.projectdevelopment.co.in, E-mail: info@projectdevelopment.co.in



- Documenting data for a project

Managing map layers

- Setting scale ranges to improve map display
- Presenting filtered views of data using definition queries
- Creating group layers and basemap layers to organize map contents

Displaying data

- Understanding quantitative and qualitative data
- Symbolizing features by attribute values
- Classification methods
- Normalizing data

Working with tabular data

- Adding fields and calculating values
- Summarizing fields
- Table joins and relates

Creating and editing data

- Editing workflow
- Feature templates
- Creating new features
- Updating feature shapes and attributes
- Editing data using an ArcGIS Online template

© DP Project Development Pvt. Ltd.

Address- 572, Sector-4, Vaishali, Ghaziabad, Uttar Pradesh-201010 (INDIA)

Phone:-01204375244, +91-8586890684

Website: www.projectdevelopment.co.in, E-mail: info@projectdevelopment.co.in



Labeling features

- Labeling workflow and options
- Understanding reference scale
- Automating label placement using Map
- Python label expressions

Designing map layouts

- Cartographic design principles
- Adding map elements
- Creating and publishing single maps and map books

Preparing data for analysis

- Evaluating data quality
- Changing a dataset's coordinate system

Solving spatial problems

- Analysis workflow
- Working with geoprocessing tools
- Creating models

Sharing geographic information

- Options for sharing maps and layers
- Sharing analysis workflows using geoprocessing packages
- Publishing a map service



ARCGIS ANALYSIS

TRAINING DURATION 20 Hrs / 2 Weeks / Customized

TRAINING CHARGE 15,000 + Service Tax

TRAINING OBJECTIVE

This course teaches a standard workflow you can apply to any GIS analysis. Every analysis begins with a question and has criteria that must be considered. You will learn how the analysis question and criteria drive decisions about what data and tools will generate reliable information. Working with a variety of data and ArcGIS tools, you will perform different types of analyses to efficiently solve spatial problems. This course is taught using ArcGIS for Desktop Advanced and some course exercises use tools provided in the ArcGIS Spatial Analyst extension.

TRAINING MODULES

GIS analysis workflow

- Types of spatial analysis
- Steps in the workflow
- Options for sharing results

Preparing data for analysis

- Evaluating data quality
- Correcting spatial reference issues
- Sharing results as a map service

© DP Project Development Pvt. Ltd.

Address- 572, Sector-4, Vaishali, Ghaziabad, Uttar Pradesh-201010 (INDIA)

Phone:-01204375244, +91-8586890684

Website: www.projectdevelopment.co.in, E-mail: info@projectdevelopment.co.in



Proximity analysis

- Categories of proximity analysis
- Choosing the right tool based on the required output
- Measuring proximity: Geodesic or Euclidean?
- Performing proximity analysis to plan emergency response activities

Overlay analysis

- Techniques and tools
- Apportioning attributes
- Performing overlay analysis to estimate tornado damage
- Using model iterators and variables
- Creating geoprocessing packages to share results

Using raster data for suitability analysis

- Binary and weighted suitability models
- Suitability scales and levels of measurement
- Reclassifying data
- Determining the optimal location for a vineyard

Analyzing spatial patterns

- Quantifying patterns using spatial statistics
- Spatial statistics tools



- Hot spot analysis
- Building a model to analyze the distribution of public safety incidents
- Sharing the model as a geoprocessing service

Modeling temporal data

- What is time-aware data?
- Analyzing patterns in temporal data
- Working with animations and the time slider
- Sharing results as an animated map service



ARCGIS WEB DATA SHARING

TRAINING DURATION 20 Hrs / 2 Weeks / Customized

TRAINING CHARGE 15,000 + Service Tax

TRAINING OBJECTIVE

ArcGIS supports sharing geographic content across multiple platforms so it is accessible to everyone who needs it, when they need it, however they want to access it. This course teaches how to turn your authoritative GIS data, workflows, and maps into ArcGIS services that can be published to ArcGIS Online, ArcGIS for Server, or Portal for ArcGIS; easily embedded in web maps and websites; accessed by desktop, web, and mobile applications; and deployed to servers on secure internal networks. You will learn how to determine which sharing option is appropriate for your needs.

TRAINING MODULES

Sharing GIS resources: an overview

- Publishing workflow
- Sharing options
- ArcGIS Online overview
- Creating and sharing a web map on ArcGIS Online

Authoring operational content

- What is operational content?



- Understanding ArcGIS services and publishing options
- Authoring and sharing content using ArcGIS for Desktop

Enabling editing on the web

- Types of editing applications
- Publishing a feature service
- Creating web editing applications using templates and viewers

Authoring basemap content

- What makes suitable basemap content?
- Understanding caching and tiling schemes
- Sharing options for basemap content

Sharing imagery

- Comparing map services and image services
- Author a mosaic dataset and share as an image service to ArcGIS for Server
- Register an image service to ArcGIS Online
- Share a cached image service

Sharing analysis workflows

- Modeling and analysis workflow using a geoprocessing service
- Use Model Builder to create a geoprocessing model
- Share model results as a geoprocessing service
- Use a geoprocessing service in a web application



Project: Create a web application to share GIS content

- Author services in ArcMap
- Share services to ArcGIS Online and ArcGIS for Server
- Configure a web application to share your content



ARCGIS FOR DESKTOP

TRAINING DURATION 20 Hrs / 2 Weeks / Customized

TRAINING CHARGE 10,000 + Service Tax

TRAINING OBJECTIVE

This training is designed for GIS technicians, specialists, and other experienced ArcGIS users who need to create and maintain their organization's geographic data.

At end of this training, trainees will develop skills on:-

- Produce GIS maps and analysis results that support informed decision making, accurate data is essential.
- Methods for accurately creating and maintaining data stored in a Geodatabase.
- Workflow for data automation and practice with tools and techniques that help ensure data integrity during editing.

TRAINING MODULES

- Apply a standard editing workflow to manage updates to your GIS database.
- Efficiently create and edit feature geometry and attributes.
- Solve common data alignment issues.
- Maintain spatial relationships among features using topology.



ARCGIS FOR SERVER

TRAINING DURATION 20 Hrs / 2 Weeks / Customized

TRAINING CHARGE 20,000+ Service Tax

TRAINING OBJECTIVE

Designed specifically for administrators, this course teaches how to successfully install, configure, and manage an ArcGIS for Server system that enables GIS content sharing across the enterprise. You will learn the ArcGIS for Server architecture and practice applying recommended workflows to configure ArcGIS Server sites and manage GIS services, applications, and users. Techniques and best practices to ensure system performance and security are emphasized.

TRAINING MODULES

- Installing ArcGIS for Server
- Creating an ArcGIS Server site
- Controlling access to your ArcGIS Server site
- Configuring the Web Adaptor
- Managing service resources
- Configuring service capabilities
- Tuning services

© DP Project Development Pvt. Ltd.

Address- 572, Sector-4, Vaishali, Ghaziabad, Uttar Pradesh-201010 (INDIA)

Phone:-01204375244, +91-8586890684

Website: www.projectdevelopment.co.in, E-mail: info@projectdevelopment.co.in



- Creating and updating a cache for map and image services
- Securing services
- Building a multimode site
- Backups and restores
- Securing your ArcGIS Server site
- ArcGIS for Server platforms



TRAINING SCHEDULE - Please contact us for latest training schedule

TRAINING MODE

We give flexible learning options to trainees

- Instructor Lead (REGULAR / ONLINE / WEEK-END / PART-TIME / COMBINED-FLEXIBLE)
- INSTRUCTOR LEAD LIVE ONLINE TRAINING MODE - You can join the training from any part of world

CONTACT DETAILS

Development Projects

Address 572, Sector-4, Vaishali, Ghaziabad, Uttar Pradesh-201010, INDIA
Mobile +91-8586890684, 0120-4375244
Email info@projectdevelopment.co.in,
Website <http://www.projectdevelopment.co.in/>
Skype Project.devlopr