

ESRI India Education Services



ESRI India: Corporate profile

- India's Premier GIS Company
- Strategic alliance between ESRI Inc. and NIIT Technologies
- Adjudged as India's Best GIS Solutions Company - Map India 2001 and 2002
- One of the 76 International Offices of ESRI Inc.
- Installation base of more than 15000 licenses in India.
- Eight Regional offices in the country, Two Application Development centers, Two Data Conversion Centers, Centre of Excellence for GIS training etc.
- In India, ESRI India has partnered with all the major and premier institutes like Lal Bahadur Shastri National Academy of Administration, Ministry of Environment & Forests, Ministry of Defense, IIT, IIM, SPA, Delhi University etc. for providing quality facilities for GIS and Remote Sensing Education.
- ESRI India conducts high end GIS training as a special focus area with the clientele including premier organizations like Indian Air Force, United Nations, World Bank, British DFID, Space Application Centre, IIM, MPFD, Delhi Development Authority, CPCB, NIC, UNICEF, SOI, FSOI, WIPRO, Karnataka Forest Department etc.

The Courses

ESRI India offers GIS training courses to provide for diverse GIS training needs of different user – from beginners to advanced level. Modular Structure of these programs gives the user option to pace his learning or combines different modules to have an extended GIS training experience. GIS technology Courses from ESRI.

- Over 20 different titles
- Covering complete breadth of GIS technology from ESRI including ArcGIS, ArcGIS Server and ArcGIS Engine.
- Modular Structure

The Courses

ESRI Standard Courses

Introduction to ArcGIS 9	5 days	Rs. 14,000/-
Working with ArcGIS Spatial Analyst.....	2 days	Rs. 9,000/-
Introduction to Multiuser Geodatabase.....	3 days	Rs. 12,000/-
Introduction to ArcGIS Server 9	3 days	Rs. 14,000/-
Introduction to Programming ArcObjects with VBA	3 days	Rs. 14,000/-
Introduction to Programming ArcObjects with .Net	3 days	Rs. 14,000/-

Sector Specific GIS Customized Courses * *

GIS: A Decision Tool for Public Policy.....	5 days
GIS: A Spatial Tool for Forestry Planning & Management	5 days

* Service Tax @ 12.36 extra

* *Only for full batch

Important Instructions

- Registration for GIS course can be done by Registering **ONLINE** at <http://www.esriindia.com> or sending filled in Training Registration Form enclosed along with a Demand Draft in the name of **NIIT-GIS Limited, New Delhi**.
- Separate batch may be conducted for a group of 12 participants from one organization.
- On successful completion of training, ESRI India will award course completion certificates.
- Course timings will be from 9:30 AM to 5:30 PM. Course fee includes charges for training manuals and working lunch.
- Course Venue: ESRI India Learning Centre, NIIT GIS Limited, **A-43, MCIE, Mathura Road, new Delhi - 110 044**.
- ESRI India does not provide any placement services but we have observed in past that certification from ESRI India and the Quality training provided is highly regarded in the industry.
- ESRI India reserves the right to cancel a course. In such case, all participants with confirmed registration will be notified one week in advance with full refund. No refund will be made for cancellation received after one week in advance.
- ESRI India also conducts customized courses in GIS for specific segments. For details, contact Ravi Nishesh at **011-46694893** eMail:training@esriindia.com.

Course Overview

ESRI Standard Courses

Course Name	Topics Covered
Introduction to ArcGIS	<ul style="list-style-type: none"> • Spatial data concepts: Representing spatial data and descriptive information. • ArcGIS data model: Geodatabases; Shapefiles; Coverages; Feature types; Attributes. • GIS software: Components; Functions; Applications. • Spatial coordinate systems and map projections: Georeferencing data; what map projections are; How ArcMap works with map projections. • Querying data: Selecting and identifying features; Creating reports and graphs. • Map displays: Creating; Symbolizing; Scaling; Adding map elements. • Geocoding and display of locations from tabular data: Address geocoding; Display of points from x,y coordinates. • Editing: Tools for creating and editing spatial data; Editing attribute data; spatial adjustment. • Data automation: Data sources; Digitizing; Data conversion. • Project management: Database organization; File and directory naming conventions; Creating and using metadata. • Geoprocessing: Introduction to the Command Line window and the Model Builder interface. • Cartography: Advanced symbology and labeling.
Introduction to ArcGIS Server	<ul style="list-style-type: none"> • Understand the client and server components of the ArcGIS Server architecture. • Describe the types of services available and the options related to each. • Publish GIS services. • Publish and use geoprocessing tasks. • Publish a geodata service for data replication and extraction. • Access services using a variety of clients (ArcMap, ArcGIS Explorer, and Web applications). • Build Web mapping applications that use GIS services. • Administer and optimize GIS services.
Working with ArcGIS Spatial Analyst	<ul style="list-style-type: none"> • Understand fundamental raster concepts. • Display and query raster data. • Georeference, transform, and project raster data. • Create geodatabase raster datasets and raster catalogs. • Understand how ArcGIS Spatial Analyst tools are organized. • Apply ArcGIS Spatial Analyst tools for surface and distance analyses.

	<ul style="list-style-type: none"> • Use groundwater hydrology tools. • Use map algebra functions. • Interpolate surfaces from sample points. • Understand basic suitability modeling methodology. • Use ModelBuilder to create suitability models.
<p>Introduction to Multiuser Geodatabase</p>	<ul style="list-style-type: none"> • Describe advantages of working with a multiuser geodatabase. • Understand the differences between desktop, workgroup, and enterprise geodatabases. • Understand properties of geodatabase connections. • Examine vector and raster data in a multiuser geodatabase. • Optimize the performance of client applications. • Edit data stored in a multiuser geodatabase. • Understand fundamental concepts of versioning workflow procedures. • Perform checkout/check-in geodatabase replication for editing.
<p>Introduction to programming ArcObjects using Microsoft .Net Framework</p>	<ul style="list-style-type: none"> • Getting started with ArcObjects: Classes, class libraries, COM, query interface. • The ArcGIS application framework: Customize dialog box, Visual Basic Editor. • Working with maps and layers: Active data frame, layer properties. • Accessing data with ArcObjects: Accessing existing data using ArcObjects. • Displaying data: Feature and raster data rendering. • Working with queries and selections: Cursors and feature cursors, selection sets. • Geometry and spatial analysis: Spatial analysis, spatial reference, buffering. • Data creation and editing: Creating new data, editing using cursors. • Geoprocessing: Running geoprocessing tools, setting environments. • Working with layouts: Making maps, adding elements, exporting and printing. • ArcObjects beyond the basics: Extending applications, more ArcGIS Engine, ArcGIS Server.

Sector Specific GIS Customized Course

<p>GIS : A Decision Tool for Public Policy</p>	<p>Introduction to GIS, GIS Concepts – Maps, Scales, Data Representation, Data Models, Data Sources, GIS & Remote Sensing, Capturing GIS Data, Whats Special about GIS, GIS in Action, GIS in my Work – Using GIS data, Querying Geographic Locations, Symbolizing Data, Symbol Creation, Thematic Mapping, Preparing Data for Analysis – Geo-Processing, Intersecting, Clipping, Mosaicing, GIS Data Management – Projection, Geo-referencing, Transformations, Spatial Data Creation (Digitization), Multi-User Editing, Integrating MIS to GIS, Map Production and Publishing, GIS Analysis – Proximity Analysis, Multi-Layer Analysis, Districting, Change Analysis, GIS Implementations – Approaches & Success Factors</p> <p>All exercises based on various applications of GIS in Public Policy.</p>
<p>GIS : A Decision Tool for Forestry Planning & Management</p>	<p>Introduction to GIS, GIS Concepts – Maps, Scales, Data Representation, Data Models, Data Sources, GIS & Remote Sensing, Capturing GIS Data, Whats Special about GIS, GIS in Action, GIS in my Work – Using GIS data, Querying Geographic Locations, Symbolizing Data, Symbol Creation, Thematic Mapping, Preparing Data for Analysis – Geo-Processing, Intersecting, Clipping, Mosaicing, GIS Data Management – Projection, Geo-referencing, Transformations, Spatial Data Creation (Digitization), Multi-User Editing, Integrating MIS to GIS, Map Production and Publishing, GIS Analysis – Proximity Analysis, Multi-Layer Analysis, Districting, Change Analysis, More on Surface Analysis – Modelling Spatial Problems, Cell based modeling, Interpolation, Surface Creation, Contours, Slopes, Aspect, GIS Implementations – Approaches & Success Factors</p> <p>All exercises based on various applications of GIS in Forestry Planning & Management eg. Forest Land & Record Management, Management of Conservation Areas, Eco-Tourism, Joint Forest Planning & Management, Sustainable Use of Natural Forests, Forest Fire Analysis</p>

Training Registration Form



Name of the Participant											
Designation (Please mention student, in case studying)											
Organization/Institution											
Qualification											
Contact Address											
Contact Phone											
e-mail											
Course opted for	(Check mark the relevant course)										
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course Name</th> <th style="text-align: center;">Duration (Days)</th> <th style="text-align: center;">Dates Start End</th> <th style="text-align: center;">Fee (INR)</th> <th style="text-align: center;">Venue</th> </tr> </thead> <tbody> <tr> <td style="height: 100px;"></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Course Name	Duration (Days)	Dates Start End	Fee (INR)	Venue						
Course Name	Duration (Days)	Dates Start End	Fee (INR)	Venue							
Total Course Fee											
Payment Details: (In favor of NIIT GIS Limited, New Delhi)	DD No: Date: Drawn on:										

Yes, I am interested in the above selected courses. I have read the details of the course and I agree with the registration information.

(Signature)

Date:

Please Note:

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- ESRI India reserves the right to cancel a course. In such case, all participants with confirmed registration will be notified one week in advance with full refund.
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