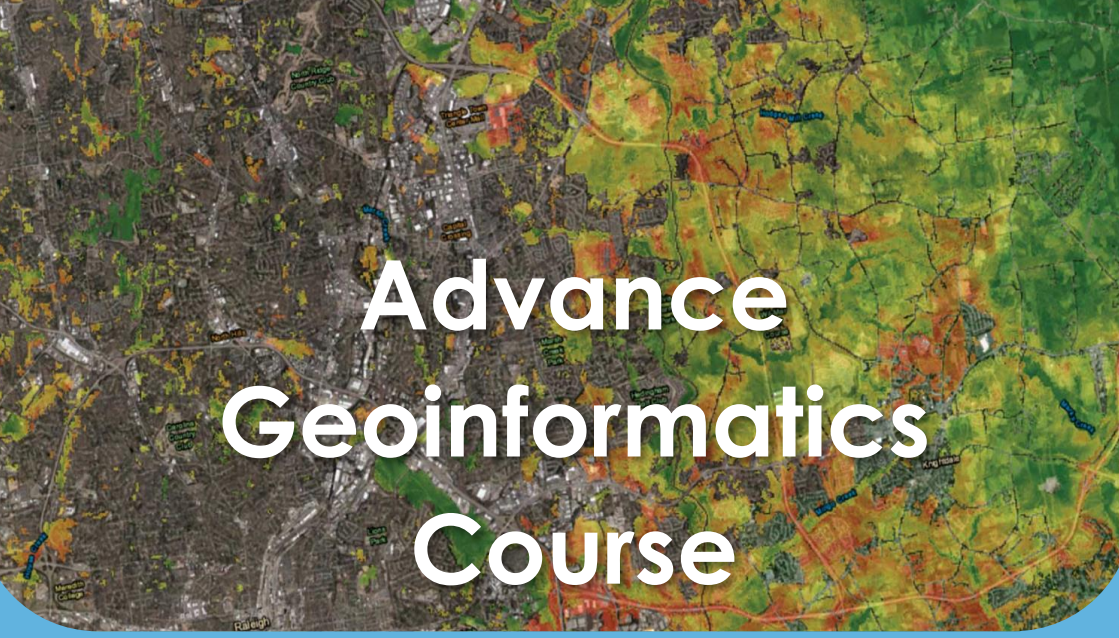

Advance Geoinformatics Course

Job Oriented | Offline

Duration: 12 months

9 job roles | 26 modules | 16 software's | 7 technologies

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Updated for 23-24 Industry demands

KIG

KHAGOLAM

Institute of Geoinformatics

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Course Information

Course Title: **Advanced Diploma in Geoinformatics**
Duration: **12 months**
Training Modes: **Offline | Full-time**
Timing**: 4 days a week, 3 hours a day**

100% Placement Assistance

Group Discount

Course Eligibility

- Knowledge of computers
- Any graduate scored higher than 50%

View Course Fee

Job Roles

1. LiDAR Engineer
2. LiDAR Technician
3. Photogrammetry Technician
4. Remote Sensing Executive
5. GIS and Remote Sensing Executive
6. GIS Analyst
7. GIS Executive
8. GIS Engineer
9. GIS Operator

Software's

1. ArcGIS Desktop
2. QGIS Desktop
3. GPS/GNSS
4. AutoCAD
5. AutoCAD Map 3D
6. Google Earth Pro
7. ArcGIS Pro
8. ArcGIS Online
9. Erdas Imagine
10. SNAP
11. Pix4D
12. Drone Deploy
13. Agisoft
14. Microostation
15. Terra Tools
16. Google Earth Engine

Technologies

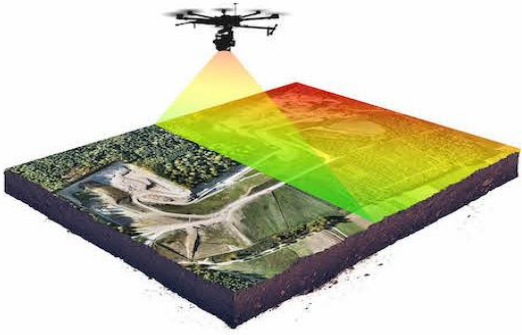
1. GIS
2. GPS/GNSS
3. Surveying
4. Remote Sensing
5. Photogrammetry
6. LiDAR
7. GIS Programming

Overview

The Diploma in Geoinformatics course offers a unique and comprehensive curriculum, encompassing various multidisciplinary modules and project work. It equips participants with essential skills in GIS, Remote Sensing, LiDAR, Photogrammetry, and Python scripting for automation, tailored to meet the demands of the industry across different sectors. The emphasis on industry-required skills enhances job prospects and enables seamless job transitions for a promising future. The course delves into the practical applications of geographic information systems (GIS) for spatial data analysis and manipulation, facilitating interactive queries and data visualization through maps. It explores the vast scope of GIS in engineering, planning, logistics, insurance, telecommunications, business, and location intelligence applications. Additionally, participants gain comprehensive knowledge of remote sensing, covering data acquisition, pre and post-processing, image classification, and interpretation of different indices. The importance of photogrammetry in generating reliable information about physical objects and the environment is also emphasized, particularly its role in 3D city modeling, DEM creation, and orthophoto generation. Furthermore, the course introduces LiDAR as a cutting-edge method for 3D representation through laser ranging, with applications in terrestrial, airborne, and mobile scenarios. Advanced spatial analysis, modeling, and scripting skills empower participants to explore automation opportunities in GIS operations and data production, with Python scripting enabling the extraction of intelligent statistics for reporting and other applications. In conclusion, this diploma course provides a comprehensive foundation for individuals seeking a successful career in geoinformatics, equipping them with in-demand skills for the industry's diverse and evolving landscape.

Modules covered

1. Geographic Information System
2. Working with QGIS
3. Introduction to Surveying Technologies (Total Station, GPS, DGPS, Drone)
4. Data Collection for GIS with GPS/GNSS
5. Working with AutoCAD
6. Working with AutoCAD Map 3D
7. Working with ArcGIS Desktop
8. Working with Google Earth Pro
9. Adv. Spatial Analysis (3D, Network, Hydrology)
10. Working with ArcGIS Pro
11. Scripting with Arcade
12. Introduction to ArcGIS Online
13. Working with Erdas Imagine
14. Working with SNAP
15. Project Work 1
16. Working with Pix4D
17. Working with Drone Deploy
18. Working with Agisoft
19. Working with MicroStation
20. Working with LiDAR Data
21. GIS Modelling
22. Programming with Python in ArcGIS (ArcPy)
23. Google Earth Engine
24. Project Work 2Adv. Spatial Analysis (3D, Network, Hydrology)
25. Introduction of ArcGIS Online
26. Project work 1



How to Apply

Step 1: register at: https://www.khagolam.com/home/register
Step 2: Check mail for course & bank details
Step 3: Transfer payment & share transaction receipt on What's App
Step 4: You will receive registration confirmation, by SMS/Call/Whats App.

REGISTRATION SHALL CLOSE 4 DAYS BEFORE THE START DATE. SPOT REGISTRATIONS ARE NOT ALLOWED.

FAQ's:

Q: Does fees include accommodation and food
A: No. but we can help you to get the nearest accommodation.

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

Khagolam Institute of Geoinformatics

Mumbai | Pune

+91 989299 8626

info@khagolam.com | www.khagolam.com

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