Advance Geoinformatics Course

Job Oriented | Offline

Duration: 12 months (6 months in fast-track)

12 job roles | 23 modules | 17 software's | 9 technologies

REGISTER NOW

K I G

KHAGOLAM
Institute of Geoinformatics

www.khagolam.com | info@khagolam.com | +91 98929 98626

Course Information

Course Title: **Advanced Diploma in Geoinformatics**
Duration: **12 months (4 days a week, 3 hours a day)**
           6 months in fast-track mode (4 days a week, 7 hours a day)
Training Modes: **Offline | Full-time**

Course Eligibility

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

Duration and Fees:

12 months (4 days a week, 3 hours a day)

95,000 INR, for resident Nationals of India, Nepal, Bhutan, Bangladesh, Sri Lanka and Maldives, & Myanmar.

2250 USD, For Non-Residents of India

Instalments:

5,000 on registration
30,000 - before course start
10,000 - within one month
10,000 - within two month
10,000 - within three month
10,000 - within forth month
10,000 - within fifth month
10,000 - within six month

Job Roles	Software's	Technologies
1. GIS Technician 2. GIS Operator 3. GIS Surveyor 4. GIS Executive 5. GIS Analyst 6. Remote Sensing Executive 7. Drone Data Analyst 8. LiDAR Engineer 9. LiDAR Technician 10. Geoinformatics Expert 11. Enterprises Geodatabase Administrator 12. Python Developer	1. ArcGIS Desktop 2. QGIS Desktop 3. GPS/GNSS 4. AutoCAD 5. AutoCAD Map 3D 6. Google Earth Pro 7. ArcGIS Pro 8. Erdas Imagine 9. Pix4D 10. Drone Deploy 11. Agisoft 12. Microoostation 13. Terra Tools 14. GeoServer/Client 15. PostGRES SQL/PostGIS 16. ArcGIS Online 17. Google Earth Engine	1. GIS 2. GPS/GNSS 3. Surveying 4. Remote Sensing 5. Photogrammetry 6. LiDAR 7. WebGIS Server/Client 8. Enterprises GIS/SQL 9. 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.
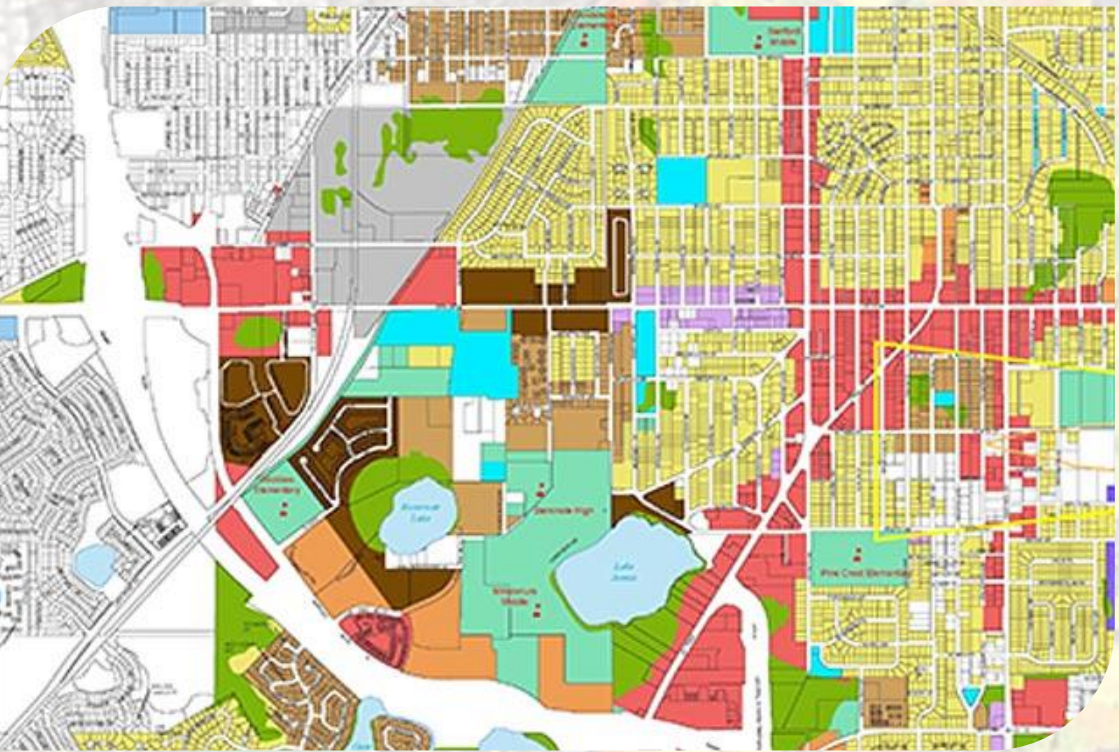
Modules covered

1. Geographic Information System
2. Working with QGIS
3. Introduction to Surveying Technologies (Total Station, GPS/GNSS, 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. Working with Erdas Imagine
13. Project Work 1 GIS, RS & Adv. Spatial Analysis
14. Working with Pix4D
15. Working with Drone Deploy
16. Working with Agisoft
17. Working with MicroStation
18. Working with LiDAR Data
19. Project Work 2 Adv Surveying & Mapping
20. Working with GeoServer
21. Enterprises GIS - PostGRES SQL/PostGIS
22. Introduction of ArcGIS Online
23. GIS Modelling
24. Programming with Python in ArcGIS (ArcPy)
25. Google Earth Engine
26. Project work 3 WebGIS & Customization
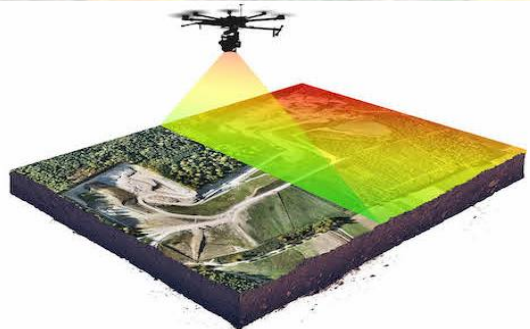
How to Apply

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

Be in touch @ 🇫 📷 🐦