

Mastering in Land Surveying and Mapping

Job Oriented | Offline/Hybrid

Duration: 3 months (1.5 month in fast-track)



KHAGOLAM

Institute of Geoinformatics

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An ISO 9001-2015 Certified Organization

Registered under Ministry of Corporate Affairs, Govt. of India



Course Information

Course Title: **Diploma in Drone Surveying and Mapping**

Duration: **3 months (4 days a week, 3 hours a day)**

1.5 month in fast-track mode (4 days a week, 7 hours a day)

Training Modes: **Offline/Hybrid | Full-time**

Course Eligibility

- Knowledge of computers
- Non-engineering graduate had scored more than 50%
- Engineering graduate from any branch
- Poly-Technic Diploma from any branch
- ITI-Surveyor
- Graduates from Geoinformatics, Geomatic, Surveying, Geography, Geology, Environment, Computer Science, IT
- Land Surveyors
- Civil Engineers

Fee

1,10,000 INR, for resident Nationals of India, Nepal, Bhutan, Bangladesh, Sri Lanka and Maldives, & Myanmar.

2600 USD, For Non-Residents of India

INSTALMENTS: 5,000 on registration
40,000 - before the course starts
30,000 - within one month
15,000 - within three months

Job Role's	Software's	Technologies
1. Drone Surveyor 2. UAV / Drone Pilot 3. Drone Operator/ Data Processor/ Surveyor	1. ArcGIS Pro 2. GPS/GNSS 3. AutoCAD 4. AutoCAD Civil 3D 5. Google Earth Pro 6. Pix4D 7. Drone Deploy	1. GIS 2. GPS/GNSS 3. Surveying 4. Hybrid Surveying 5. Remote Sensing 6. Photogrammetry 7. LiDAR



	8. Agisoft 9. Microstation 10. Terra Tools	8. GNSS/DGPS Surveying 9. Total Station Surveying
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Overview

Project like SWAMITV Yojana, DINLRMP, infrastructure development works create vast scope for drone surveyor, aerial surveyor, Unmanned Aerial Vehicle (UAV) Operator. In India Drone are taking over on the traditional surveying methods like total station surveying whereas knowledge of total station and GPS surveying could add benefits in understanding of hybrid surveying terminology which are employed in largest surveying project of India.

This job-oriented training course will take you through GIS concepts and hand-on exercise data transfer, geo-referencing, digitization, GIS analysis. Orientation on traditional surveying technics like total station practically demonstrated. GNSS, DGNSS (GPS, DGPS) concepts with errors and RTK, PPK post processing with hands-on exercise. Drone licensing, legal structure and restriction guidelines by government of India, aerial surveying fundamental concepts and hands-on exercise on, flight planning, simulation, data downloading, image processing using different photogrammetric software's, point cloud classification, DEM editing, removing noise and much more. Manipulation of data point could data for smooth DEM generation covered in popular surveying software tools.

Modules covered

1. Geographic Information System
2. [Working with ArcGIS Pro](#)
3. Introduction to Surveying Technologies (Total Station, GPS, DGPS, Drone)
4. [AutoCAD Civil 3D for Surveyors](#)
5. Orientation on Drone Surveying
6. [Surveying with RTK/PPK Drone](#)
7. [Processing and Photogrammetry with Pix4D](#)
8. 3D Modelling with Drone Deploy



9. Working with AgiSoft
10. [Microstation for Geospatial](#)
11. [Working with LiDAR Data](#)
12. Surveying with D-GNSS/D-GPS
13. Advance Surveying with Total Station

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.

Q: What kind of drone will used for training?

A: DJI Phantom 4 RTK with GNSS base station

Q: Dose fess includes accommodation and food

A: No, but we can help you to get nearest accommodation

Q: Can I get a drone license of DGCA after completion of this course?

A: No, Drone license is provided when you purchase the drone.

Q: Is the institute DGCA approved? Can I get a drone pilot license from DGCA after completion of this course?

A: No, Drone pilot license covers no aspect of surveying. It all about aviation rule and fundamentals of flying. KIG covers all about drone surveying you need know hence even if you have DGCA approved pilot license you can do this course to learn drone surveying.



Q: I do not have Total Station and DGPS surveying experience, can I do the course?

A: If your fundamentals of surveying is clear, you can do this course. But knowledge or experience of Total Station and DGPS surveying will help to understand thing quickly.

Q: Which drone is suitable for surveying, what's its cost & from where I can purchase it?

A: Answer to all these questions is covered in the course. After completing the course, you will come to know it.

Q: Can I use Multispectral or LiDAR payload drone surveying after completing the course?





Why Khagolam:

- Specialize institute for geospatial technologies
- Job oriented curriculum
- Comprehensive training material
- 100% placement assistance
- Professional Trainers
- Exposure to live projects
- Convenient batch timings
- Exposure to 3D GIS
- Practice aptitude and interview rounds
- Library facility

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Be in touch @   

