



<p>Title:</p>	<h1>Photogrammetry and LiDAR</h1>	<p>Why Khagolam:</p> <ul style="list-style-type: none"> • Specialize and Dedicated institute to 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
<p>Duration & Fees Structure:</p> <div data-bbox="113 1151 347 1294" style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>Refer your friend & Get</p> <h2 style="text-align: center;">10% OFF</h2> <p style="font-size: 8px; text-align: center;">Valid for Selected courses and limited period.</p> </div> <div data-bbox="113 1323 347 1467" style="border: 2px solid black; padding: 5px; margin: 5px;"> <p style="text-align: center;">Group Discount 20%</p> </div>	<p>6 months Full time (4 days a week, 3 hours a day)</p> <p>55,000 INR, for resident Nationals of India, Nepal, Bhutan, Bangladesh, Sri Lanka and Maldives, & Myanmar. 1400 USD, For Non-Residents of India</p> <p>Instalments:</p> <ul style="list-style-type: none"> 5,000 on registration 20,000 - before course start 20,000 - within one month 10,000 - within three month 	
<p>Category:</p>	<p>Job Oriented Course / Value Addition Course</p>	
<p>Target Job Role:</p>	<ul style="list-style-type: none"> ✚ LiDAR Engineer ✚ LiDAR Technician ✚ Photogrammetry Technician ✚ Remote Sensing Executive ✚ GIS and Remote Sensing Executive ✚ GIS Executive ✚ GIS Engineer ✚ GIS Operator 	<div data-bbox="1230 1668 1476 1814" style="border: 2px solid black; border-radius: 50%; padding: 10px; background-color: #e91e63; color: white;"> <p style="text-align: center;">100% Placement Record</p> </div>

Prerequisites:	<ul style="list-style-type: none"> ✚ Knowledge of computers
Who Should Attend?	<ul style="list-style-type: none"> ✚ Graduates, Post Graduates, ITI / Engineers
Overview:	<p>In the past few decades, the rapid growth of Remote Sensing by Aero-Space technology has brought about a paradigm shift in large scale mapping using photogrammetric technics. 2D & 3D Mapping, DSM, DTM generation become much faster and demanding. The unique advantages of Digital Photogrammetry in terms of precision and accuracy offer opportunities for automation of DEM/DTM and integration of images acquired on a multi-platform (Satellite, Aircraft, Drone) and multi-sensor basis.</p> <p>Photogrammetry is the science and technology of obtaining reliable information about physical objects and the environment through the process of recording, measuring and interpreting photographic images and patterns of electromagnetic radiant imagery and other phenomena. Photogrammetry is used in 3D City modelling, DEM creation, ortho-photo generations.</p> <p>LiDAR is a method for measuring distances (ranging) by illuminating the target with laser light and measuring the reflection with a sensor. Differences in laser return times and wavelengths can then be used to make digital 3-D representations of the target. It has terrestrial, airborne, and mobile applications.</p>
You will learn:	<p>Module included:</p> <ol style="list-style-type: none"> 1. Geographic Information System 2. Working with ArcGIS Desktop 3. Introduction to Surveying Technologies (GPS, Total Station, Drone) 4. Data Collection and Development for GIS with GPS/GNSS 5. Fundamentals of Remote Sensing 6. Working with ERDAS Imagine 7. Aerial Surveying and Photogrammetric Techniques 8. Digital Photogrammetry 9. 3D GIS, Feature Extraction 10. Working with Pix4D 11. MicroStation for Geospatial 12. Working with LiDAR Data 13. Project Work
Tools & Skills:	<p>INDUSTRY TOOLS:</p> <ol style="list-style-type: none"> 1. ArcGIS Desktop 2. GPS/GNSS Instrument 3. ArcPad

4. Google Earth Pro
5. ERDAS Imagine/ENVI – Remote Sensing
6. MicroStation
7. Terra Tools
8. LPS
9. Pix4D

EMPLOYABLE SKILLS MEASURED:

1. Data modelling
2. Geo-referencing
3. Digitization
4. Topology, QA/QC
5. GIS Analysis
6. Symbology
7. Map Composition
8. Data Interoperability Data conversion from GIS to CAD, kml, kmz, shp
9. Batch geo-processing
10. WebGIS, Web Services for base maps
11. Mapping grade GPS handling (Trimble GPS)
12. GIS Data collection, validation by GPS with desire accuracy
13. Stake out of GPS
14. Technical domain vocabulary of any two GIS application
15. Remote Sensing Sensors, their characteristics and application
16. Explore and download remote sensing data from various sources
17. Panchromatic and multispectral image pre and post-processing
18. Electromagnetic Spectrum interaction with earth objects
19. Supervised and unsupervised image classification
20. NDVI analysis and interpretation
21. Aerial triangulation
22. DEM creation, break lines editing
23. 3D digitization and Feature Extraction
24. Point cloud classification
25. Point cloud editing for DEM, DSM smoothing
26. Drone Data post-processing

Training Mode:  Classroom - Instructor Led
~~ Online - Instructor Led~~

How to Apply: [Click here to know bank details and step by step registration process.](#)
[Register Online](#)

FAQ's:
 Q: Dose fess includes accommodation and food
 A: No. but we can help you to get nearest accommodation