Course Title:	Advanced Surveying with Total Station
Description:	This course teaches you advanced surveying terminology with total station. Theory lecture explain the concepts of total station working mechanism followed by practical exercise, which helps to gain practical understanding and essential skill sets required for present surveying industry. This course is design for surveyors who want to upgrade their knowledge to advanced surveying terminologies. this course is also useful for fresh civil graduates / ITI surveyors to jump in real surveying industry directly. In this course you will gain sound practical skill which is highly demanded by surveying industries as well as conceptual knowledge of advanced surveying.
Learning Objective:	**After completing this course you will be able to:** - Define the advantage and disadvantage of Total Station surveying - Define the vertical and horizontal angle measurement mechanism of Total Station instrument. - Understand Electronic Distance Measurement (EDM) principles - Define Rectangular vs Polar coordinate system measurements - Define How Total Station works, need of TS orientation. - Define open and close traversing terminology using TS - Define application of survey using TS - Perform topographical survey (plain table and contour survey) - Understand the stakeout concepts - Perform Stake out / Demarcation of Building Layouts / Plot Layouts / Roads / Alignments - Understand the various road survey application and terminologies. - Perform road surveys - Transfer or Establish Benchmarks - Measure remote distance and elevation using special function of TS - Solve trigonometric problems using COGO function on the field / Site - Perform onsite instrument calibration - Calculate 2D, 3D area on the field / Site - Calculate surface volume on the field / Site - Understand the survey work estimation factors - Define the procedure for download and upload data to TS - Define the TS data formats - Produce simple survey map using AutoCAD.
Who Should Attends:	Candidate should know fundamental concept of surveying and should have hands on experience on other surveying equipment like, theodolities, auto level etc. - Civil Engineers - I.T.I. Surveyors - Diploma Engineers - 2+ years of surveying industry experiences
Training Mode:	Classroom - Instructor Lead
Fees Structure:	14000.00 INR, for resident Nationals of India, Nepal, Bhutan, Bangladesh, Sri Lanka and Maldives, & Myanmar. 400 USD, For Non-Residents of India
How to Apply:	Interested candidates should submit the "Registration Form" along with registration fee of 5000.00 INR. Fee can be paid in cash or Demand Draft drawn in favor of *'Khagolam Institute of Geoinformatics'* payable at Mumbai. Click here to know bank details and step by step registration process.

Course Duration:	32 hour (4 Days full time)
Batch Capacity:	4 Students
For Further Information Contact Us:	**Mumbai:** **Phone**: 0251 2319734 | 9892998947 | **Email**: info@khagolam.com **Address**: *Khagolam Institute of Geoinformatics, 214, Siddyvinayak Sankul, Oakbag, Station Road, Kalyan (W), Maharashtra, India, 421301* **Pune:** **Phone**: 9967950747| **Email**: info.pune@khagolam.com **Address**: *Khagolam Institute of Geoinformatics, Khagolam Institute of Geoinformatics, 206, Kedar Empire, Near Dashabhuja Ganapati, Karve Road, Pune 411004*