

ADVANCED SURVEYING INSTRUMENTS IN CONSTRUCTION INDUSTRY



Advanced surveying instruments are indispensable tools in the construction industry, providing precise and efficient measurement solutions for a wide range of tasks. This comprehensive course offers both theoretical insights and practical training on the latest instruments.

Join us to enhance your expertise in advanced surveying instruments and elevate your capabilities in the dynamic construction industry!

Topics Covered:

1. **Robotic Total Stations:** Overview, components, operation, remote capabilities, applications.
2. **GPS Survey (GNSS System):** Introduction to GPS survey systems, real-time positioning data, site planning, grading, and earthwork operations.
3. **3D Laser Scanners:** Understanding 3D laser scanning technology, point cloud data capture, as-built documentation, clash detection, and quality control.

Offered By

 **Duration: 3 Weeks**

 **Fee: Rs. 10000**

General Sir John Kotelawala
Defence University
Faculty of Technology