

# DRONE RANGERS INDIA PRIVATE LIMITED

Drone Lab, Poornima University, Ramchandrapura P.O. Vidhani Vatika Road Sitapura,  
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## TOTAL STATION SURVEY SERVICES

Drone Rangers India Pvt. Ltd. is a leading geospatial solutions provider offering a full range of land and infrastructure survey services using drones, Total Station, DGPS, and other advanced equipment. Our team of trained professionals and certified surveyors ensure high-accuracy, timely, and cost-effective solutions tailored for government, industrial, and private sector projects.

### **Overview: Total Station Survey Services**

Our Total Station surveying is a highly accurate method for measuring angles, distances, and coordinates. It is widely used in construction, infrastructure, topography, and land development. With our high-end Total Stations and experienced team, we deliver precise data for both small and large-scale projects.

### **Total Station Survey Services Offered**

- 1. Topographic Survey**  
Mapping of terrain features, elevation, and landform using contour and spot levels.  
*Application:* Road design, urban planning, flood studies.
- 2. Plot & Boundary Survey**  
Identifies exact legal boundaries of a property with reference to official records.  
*Application:* Land purchase/sale, fencing, legal validation.
- 3. Construction Layout & Marking**  
On-site layout marking of foundations, roads, columns, and utilities as per architectural or structural drawings.  
*Application:* Building construction, civil works.
- 4. As-Built Survey**  
Captures actual construction outcomes and compares with original design drawings.  
*Application:* Project completion reports, certifications.
- 5. Leveling & Gradient Survey**  
Measures vertical elevations and slope analysis across land areas.  
*Application:* Drainage system, road slope design, railway tracks.
- 6. Grid & Column Marking**  
Precise ground marking of grid lines and column centers based on design plans.  
*Application:* Multistory buildings, industrial sheds.
- 7. Highway/Road Alignment Survey**  
Mapping of road curves, widths, and centerlines using longitudinal and cross sections.  
*Application:* Road expansion, design verification.

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8. **Control Point Establishment**

Setting up fixed reference points on ground for future survey works and design alignment.

*Application:* Baseline control for large infrastructure works.

9. **Industrial Plant Survey**

Precision measurement of equipment locations, foundations, and alignment in industrial zones.

*Application:* Machinery installation, compliance, retrofitting.

## **Contact Us**

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