

## TOTAL STATION



It is used to calculate the areas of site which are of different shapes and also to find the elevations of certain structures. This gives the accurate and fast result. This the modern equipment which used widely in surveying applications

Total Stations also include up-to-date image capture technology, which can record any image or screen-view from the surveying site, eliminating the need for costly revisits, and producing high-resolution images of site conditions.

And did you know that a traditional problem for surveyors is simply wet paper? A Total Station has electronic documentation and sketching functions, which reduces the need for paper field notes.

### **The benefits of a total station:**

- much quicker to do a survey compared to manually writing down azimuth, distance, vertical angle, etc, and doing calculations later
- Can be used indoors, down mines, etc (not reliant on satellites such as GPS and GLONASS system)

Every Year/Semester students undergo training in total station Workshop in our department , they will survey the total campus like building , lawns , ponds etc ., with this Total station equipment rather than normal methods of surveying like Geodetic Surveying, Cadastral Surveying, Topographical Surveying.