

**A.Y.DADABHAI TECHNICAL INSTITUTE,
KOSAMBA.**



A Report on
“TECHOMETRY SURVEYING” Project at

Dhanikhut,

Netrang



CIVIL ENGINEERING DEPARTMENT

7th March, 2020
4TH SEMESTER (BATCH-2018)

We the faculty members of civil engineering department, as a part of curriculum of 4TH semester civil (Batch-2018), organized a Surveying PROJECT at DHANIKHUT on 7th MARCH– 2020 for Advanced surveying subject.

We all assembled at the college at 7: 30 am & left the college in a bus, went in the morning on 7th March 2020 and reached the project went well and we were able to complete the project within the estimated duration.

Tachometric survey (Tachometry) is a branch of surveying in which horizontal and vertical distances of points are obtained by optical measurements avoiding ordinary and slower process of measurements tape. Tachometric surveys are usually performed to produce contour and details plans for further work, or to produce coordinates for area and volume calculations. Observations are usually performed from known survey stations, often established by traversing. Tachometric surveying used for preparing contour plans, hydrographic surveys, and locations surveys of roads, railways and etc.

Instruments used in tachometric survey are Theodolite, stadia rod, pegs, ranging rod, offset rods, etc. The project is made by us to take experience of the work in field also. Whole class is divided into 03 groups. Each group has 14 members.

We have surveyed tachometry project.

We are thankful to our HOD and PRINCIPAL SIR for granting us the permission to carry out the Project. We assure complete coordination ahead in the semester.

