

SYLLABUS :-

(To be modified as per CE department)

Theory: Introduction, ;Types of Surveys, Chaining, Taping, Corrections, Angle and Direction Measurements, Prismatic compass, Measurement of bearing, Computations of angles from bearings, Theodolite Surveying, Temporary Adjustments, Traversing, Principle of Levelling, Simple and Differential Levelling, Adjustments, Plane table Surveying, Different Methods, Two and Three Point Problems, Minor Surveying Instruments, Setting out Simple Works.

Practicals: Chaining, Offsets, Field book entry, Triangulation & Traversing, Compass Surveying & Traversing, Plane Table Surveying , TwoPoint and Three Point Problems, Levelling, Level book entry, Preparation of contour Map, Study of Theodolites and Angle Measurements, Theodolite Traversing, Techeometric Traversing, Use of Distomat / Theomat, Interpretation of Aerial Photographs & Satellite Imagery. Surveying through Total Station equipment.