

SYLLABUS :-

Introduction; Types of surveys - chaining, taping, electrical distance measurement, corrections; Angle and direction measurements; Prismatic compass - measurement of bearing, computations of angles from bearings; Total station surveying - adjustments, triangulation measurements, traversing, Principle of leveling - simple and differential levelling, adjustments; Plane table surveying - different methods, two and three point problems; Contouring, Stadia tacheometry, Different types of tacheometric measurements, Introduction to GPS; Introduction to photogrammetric surveying; Curves.