

SEMESTER - II

AC 207 SURVEYING & LEVELLING L=2, S=0, W=4) CREDITS = 02

INTERNAL ASSESSMENT(TERMWORK/EXERCISE) = 50 CONTACT HOURS =06
UNIVERSITY EXAMINATION = 50

Focus: Techniques for preparation of measured drawings and setting out buildings on site.
Contents: Understanding about various instruments used for surveying, chain survey, and compass survey.
Preparing measured drawings of surveyed area and buildings.
Levelling : Equipment used, principles and practice. Taking vertical and horizontal measurements on plain and contoured sites, calculation of areas, mapping contours and site profiles etc.
Setting out of buildings on a site.

Method : Practical demonstration and documented site work is a must to familiarise students with use of all relevant instruments, in addition to lectures on the basic concepts and theory.

REFERENCES:

SR.NO.	TITLE	AUTHOR
01.	Surveying & Levelling Vol – I	T.P.Kanetkar & Kulkarni
02.	Surveying & Levelling Vol. – 1	Punamia