

FIRST YEAR - SEMESTER - I

AC 107 BUILDING MATERIALS – I

(L=2, S=0, W=0)

CREDITS: 02

INTERNAL ASSESSMENT(TERMWORK/ASSIGNMENTS) = 50 CONTACT HOURS =02
UNIVERSITY EXAMINATION = 50

Focus: Introduction of basic building materials

Contents: Materials - Bricks, stone, Mud, Timber, lime, cement , stone, different types of timber their seasoning quality, etc.
Their physical and behavioral properties, methods of application, criteria for selection of materials based on design.

Methods: Lectures on building materials & their use in building
- Visit to manufacturing site e.g. brick kiln, saw mills
- Exercises, assignments, drawings
- Case studies and documentation.

REFERENCES:

SR.NO.	TITLE	AUTHOR
01.	Construction of Building Vol.-I	R.Barry.
02.	Building Construction Vol.-II	W.B.Mckay
03.	Civil Engineers Hand Book	P.N.Khanna
04.	Building Materials & Components	C B R I, Roorkee