

## FIRST YEAR - SEMESTER - I

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**AC 104 BUILDING TECHNOLOGY - I (L=0,S=6, W=0) CREDITS = 04**

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**INTERNAL ASSESSMENT(TERM WORK /EXERCISE) = 50 CONTACT HRS/WK = 06**  
**UNIVERSITY EXAMINATION = 50**

**Focus:** Understanding basic building elements, building materials, construction process

**Contents:** Introduction to various Building components - Structural & Non-Structural ; Bond – Types ; Masonry – Mud, Bricks, Stone ; Pointing  
Foundations – Types.

**Method:** Lectures on basic construction of building. Studio exercises, and case studies. Study of various components of existing building through sketches & models. Site visit.

### REFERENCES:

<b>SR.NO.</b>	<b>TITLE</b>	<b>AUTHOR</b>
01.	Construction of Building Vol.-I	R.Berry
02.	Building Construction Metric Vol.-II	W.B.Mckay
03.	Construction Technology Vol.-I	Chudley