SEMESTER - II

AC 204 BUILDING TECHNOLOGY AND MATERIALS-II (L=0,S=7,W=0) CREDITS =04

INTERNAL ASSESSMENT(TERM WORK /EXERCISES) = 50 CONTACT HRS/WK = 07
UNIVERSITY EXAMINATION = 50

Focus : Advanced materials used in construction of Buildings.

Contents: Metal - Ferrous and Non – ferrous - Iron, Steel, Market forms of Steel, Aluminium, Copper, Brick masonry (continued) – acute / obtuse angled joints, cavity wall construction.
Arches – types and their construction.
Simple wooden joinery

Method: Lectures on materials and construction of building elements, conventional practices etc. Studio Exercises, and case studies for above. Site Visit to various factories, processing sites etc.

REFERENCES:

SR.NO.	TITLE	AUTHOR
01.	Construction of Building – Vol.2	R.Barry
02.	Building Construction Metric Vol.1	W.B.Mckay
03.	Building Materials & Components	CBRI, Roorkee
04.	Building Construction	C.B. Punmia