

<b>GANPAT UNIVERSITY</b>										
<b>FACULTY OF ARCHITECTURE DEISGN &amp; PLANNING</b>										
Programme		Bachelor of Design				Branch/Spec.		Bachelor of Interior Design		
Semester		III				Version		1.0.0.0		
Effective from Academic Year			2016-17			Effective for the batch Admitted in			June 2016	
Subject code		IIIA04IMT		Subject Name		Interior Material & Technology- II				
Teaching scheme					Examination scheme (Marks)					
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total	
	L	TU	P	TW						
Credit	-	-	2	-	2	Theory	-	-	-	
Hours	-	-	3	-	3	Practical	120	80	200	
<b>Pre-requisites:</b>										
Study of horizontal and vertical plane construction Understanding of Floor, Partitions, False Ceiling, Roof and Staircases. Basic introduction to roof and staircases.										
<b>Learning Outcome:</b>										
<b>Theory syllabus</b>										
Unit	Content								Hrs	
1	Existing Method of construction for typical Floors, Partitions, False-ceiling. Design parameters and requirement for construction of Floor and partitions. Choice of Materials.									
2	Appropriate Technology Used For design and construction Incorporation of services through all these elements. Terminology and Understanding of Components and parts of all these elements.									
<b>Practical content</b>										
<p><b>Floor:</b> Dry and wet floor construction, Timber/Wooden floor construction, Construction of Steel floor, Construction of Precast and RCC Floor, Flooring systems such as Metal decks.</p> <p><b>Partitions:</b> Wood , Ply and Glass Partitions, Metal Partitions</p> <p><b>False Ceiling:</b> Understanding the suspended ceiling system, Plaster of Paris, cement sheet , gypsum board Ceiling, Mineral Fiber Board, Metal Etc.</p> <p><b>Roofs:</b> Metal, PVC and Polycarbonate Roofing Systems, Framing And Roofing</p> <p><b>Staircase:</b> Types of stairs, Different construction material used to make Stair - Metal, Wood, Glass Etc.</p> <p><b>PROJECTS:</b> Case studies Drawings And Models</p> <p>Construction Site visits</p> <p>Market Survey</p>										
<b>Text Books</b>										
1	NA									

Reference Books	
1	Mackey W.L -Building Construction, Vol –I,II,III & IV
2	Arora S.P. &Bindra S.P. -Building Construction
3	Barry .R - The Construction of Building, Vol-I,II,III & IV
4	Building Construction Illustrated- F.D.K. Ching
5	Sushil Kumar – Building Construction
6	Rob Thallon - Graphic Guide to Interior Details: For Builders and Designers
7	Corky Binggeli - Building Systems for Interior Designers
8	W. Otie Kilmer - Construction Drawing and Details for Interiors
9	Edward Allen, Joseph Iano - Fundamentals of Building Construction: Materials and Methods
10	J. Rosemary Riggs - Materials and Components of Interior Architecture