

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DESIGN & PLANNING									
Programme	Bachelor of Architecture				Branch/Spec.	INSTITUTE OF ARCHITECTURE			
Semester	VI				Version	2.0.0.0			
Effective from Academic Year		2021-22			Effective for the batch Admitted in			June 2019	
Subject code	2VIA01ADD	Subject Name			Architectural Design & Detailing VI				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	02	02	04	04	12	Theory	-	-	-
Hours	02	-	06	04	14	Practical	40	60	100
Objective									
To enable the students to prepare working drawings of an architectural project and imbibe the significance of working drawings from the point of view for execution of the work on site and as important component of tender documents.									
Learning Outcome :									
<p>LO1: Understanding the difference between conceptual drawing and execution drawing for the site work. Scope and limitations of a different construction material.</p> <p>LO2: To learn construction method according to different material and represent them into the execution drawing accordingly.</p> <p>LO3: To resolve minimum compensate with the architectural quality of space when structure of a space comes into a play.</p> <p>LO4: To resolve and understand various details of staircase, door window of different materials, techniques and finishes and represent them efficiently into the detail execution drawing.</p>									
CONTENT AND TEACHING UNIT									
Unit	Content								Hrs
1	Introduction to the concept of working drawings and their importance. Graphical presentation of all the components of a building along with dimensioning and annotations. Understand and apply IS Codes and internationally accepted norms / methods of preparing a working drawing along with tabulation of schedules of materials, finishes and hardware.								42
2	Design development and detailing of own design to resolve the design idea to the one which can be executed/ constructed, exposing students to construction parameters, limitation and sequencing.								42

3	<p>Generating a working drawing set for the chosen design/ building with framed/ composite construction including various components and accessories</p> <p>Produce a complete set of working drawings for a chosen design building showing an understanding of structural systems and building engineering services including electrical, PHE, HVAC, Lifts and escalators, Fire safety etc., Interior and Exterior finishes etc.</p>	140
Reference Books		
1	Working Drawing details	
2	Reference books for Building construction.	

	SA-1'0 1	SA-1'0 2	SA 1'0 3	SA 1'0 4	SA 1'0 5	SA 1'0 6	SA 1'0 7	SA 1'0 8	SA 1'0 9	SA 1'50 1	SA 1'50 2	SA 1'50 3
VIADTAUS CO1	2 	2 	2 	0 	0 	0 	2 	1 	2 	2 	2 	3
VIADTAUS CO2	2 	2 	1 	0 	0 	0 	3 	3 	1 	1 	1 	2
VIADTAUS CO3	2 	0 	0 	0 	0 	0 	1 	2 	2 	2 	3 	1
VIADTAUS CO4	0 	0 	0 	0 	0 	0 	3 	2 	3 	2 	2 	3