

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DEISGN & PLANNING									
Programme		Bachelor of Architecture			Branch/Spec.		INSTITUTE OF ARCHITECTURE		
Semester		V			Version		2.0.0.0		
Effective from Academic Year			2021-22		Effective for the batch Admitted in			June 2019	
Subject code		2VA01ADD	Subject Name		Architectural Design & Detailing V				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total	CE	SEE		Total
	L	TU	P	TW					
Credit	2	2	4	2	10	Theory	-	-	-
Hours	2	2	6	2	12	Practical	40	60	100
Objective									
Exploring Architectural Design Process to Understand character of Institution.									
Learning Outcome:									
LO1: Spatial Relations of Spaces and Understanding the scale of the project									
LO2: Methods of Space programming, analysis, evaluation of design criteria and fundamentals of composite site planning.									
Theory syllabus									
Unit	Content								Hrs
1	Analytical case studies of Institutions in different cultures and time periods Study of Organization and Disposition of Spaces. Methods of space programming; Behavioural Study, Formulation of design criteria.								30
2	Site analysis and design concepts, application of climatic data, socio-cultural factors, behavioural aspects and structural considerations, Application of building services, Design evaluation. Relationship of different functional, services and movement areas.								32
3	Analysis of Site Planning, Zoning, layout, circulation, landscaping with Diversity of user groups, circulation routes. User group needs and client requirements.								45
4	Design of an Institution of Medium Level complexity with various Functions Developing an Idea of an Institutional image and character Application of Ordering Principals / idea / concept. *Design To be Prepared keeping working drawing exercise in View.								85
Reference Books									
1	Intensions in Architecture - Christian Noberg Schultz								
2	Site, Space and Structure - Todd, Kim								
3	Architects working details – Vol. 1 to 5								
4	Correa, C. (2010). A Place in Shade. Delhi: Penguin Books.								
5	Kanvinde, A., & Miller, H. (1969). Campus Design in India. Topeka: ostens000000/American Yearbook Co. Lynch, K. (1962). Site Planning. MIT Press.								
6	Pandya, Y., & Foundation, V. S. (2007). Elements of Space Making: Map in Publishing Pvt Ltd.								
7	White, S. (1995). Building in the Garden: Architecture of Joseph Allen Steini								