

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DEISGN & 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	2VIA05BS		Subject Name		Building Services IV				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	2	-	-	-	2	Theory	40	60	100
Hours	2	-	-	-	2	Practical	-	-	-
Objective:									
Introduction to Toilet and Kitchen in detail.									
Learning Outcome:									
<p>LO1: Understanding the importance of each service in details with its designing criteria, its standards measurements, its appliances measurements through live case studies and onsite drawings.</p> <p>LO2: To adapt newer and latest technology and equipment's for modern and fundamental requirement of this services and also High tech applications and services to be implemented for all type of functional areas like residential, commercial, corporate and Industrial.</p> <p>LO3: The brief understanding and importance of Toilet and Kitchen services in our routine life and how we can smoothly design it with the help of details study about the services.</p> <p>LO4: The brief understanding of how to read and make the working drawings of the following services on site and the importance of this drawings in professional field.</p>									
Theory syllabus									
Unit	Content								Hrs
1	Toilet details : Concept and application of Toilet layout, Types of Toilets according to the use of the toilet, Systemic approach of its Design, its appropriate size, shape etc varies according to its use and design, its section and Tiles details								16
2	Kitchen Details : Concept and application of Kitchen layout, Types of Kitchen, Systemic approach of its Design, its appropriate size, shape etc varies according to its use and design, its platform Details using sandwich platform, sections, Sizes of all appliances used in the kitchen.								16

Practical content	
Site Visits & Case Studies of above topics. Presentations, Live case studies, Debates & Discussions related to the above syllabus	
Text Books	
1.	Bathroom bagni - Pietro
2.	Time - Saver Standard For Building Materials & Systems -- Watson
3.	Sanitation Details - English, Hardcover, Woolley Leslie
4.	Ultimate Kitchen Design - Alejandro Bahamon

	SA-PO 1	SA-PO 2	SA-PO 3	SA-PO 4	SA-PO 5	SA-PO 6	SA-PO 7	SA-PO 8	SA-PO 9	SA-PO 1	SA-PO 2	SA-PO 3
VIA5555 - CD1	2	1	2	3	1	2	2	3	1	2	1	3
VIA5555 - CD2	3	1	2	1	3	2	2	2	2	3	2	2
VIA5555 - CD3	2	2	1	2	2	1	3	1	3	1	2	1