

GANPAT UNIVERSITY									
FACULTY OF ARCHITECTURE DESIGN & PLANNING									
Programme	Bachelor of Architecture				Branch/Spec.	INSTITUTE OF ARCHITECTURE			
Semester	IV				Version	2.0.0.0			
Effective from Academic Year	2020-21				Effective for the batch Admitted in	June 2019			
Subject code	2IVA06SPM		Subject Name		Site planning and management				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	2	-		2	4	Theory	40	60	100
Hours	2	-		2	4	Practical	-	-	-
Objective:									
<ul style="list-style-type: none"> <li>• Methods of Database gathering and analysis to find out opportunities for site planning.</li> <li>• Understanding Principles of site planning, relation between built and up-built spaces.</li> <li>• Design integration of different services to the site and the building, and incorporation of by-laws.</li> </ul>									
Learning Outcome:									
<b>LO1:</b> Understanding of the methods of preparing and reading graphical representation of site. <b>LO2:</b> Ability to use analytical database to propose appropriate site planning. <b>LO3:</b> Ability to integrate services like drainage, water supply, storm water, electricity, etc. and by-laws in to the site planning.									
CONTENT & TEACHING UNITS									
<b>Unit</b>	<b>Content</b>								<b>HRS</b>
1	Introduction of Effective Site planning parameters: Analysis in terms of ecological and geomorphological parameters. Use of By-laws and other regulatory body.								12
2	Introduction Services affecting the site planning, like drainage, water supply, storm water, electricity, etc.								6
3	Relation between typology of buildings and its effects on site planning. Residential, commercials, public buildings, etc.,								10
4	Site planning alternatives for different building typologies. Landscapes, margin spaces designs, pavements, roads and common area developments.								10
5	Effects of site planning on the surrounding contexts. (through various case studies)								8
6	Exploring site planning for different building typologies with design exercises								18
Text Books									
1	NA								
Reference Books									
1	Site planning -Lynch, Kevin								
2	Fundamentals of landscape and site planning- Root, James								
3	A Contextual Approach to Sustainable Land Planning and Site Design- Hoboken, NJ								