



GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for Diploma of Vocation (D.Voc), 5th Semester

Branch: Architecture Assistantship

Subject Name: Site Planning and Architectural Programming

Subject Code: 1250606

Type of course: Core

Focus:

To acquaint students with site study and factor influencing site design. Study of architectural programming to understand the need and scope of architectural projects. Emphasize the role of site study and its planning in the process of design. To improve design decisions, aiming at improving our built environment in relation to interior, exterior, urban, planning etc.

Teaching and Examination Scheme:

Teaching Scheme			Credit	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
				ESE (E)	PA (M)	ESE (V)	PA (I)	
0	0	2	2	0	0	30	20	50

L- Lectures; T- Tutorial/Teacher Guided Student Activity; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment

Content:

Sr No.	Contents:	Hrs	Module % Weightage
1	• Introduction to site planning and architectural programming.	6	20
2	• Preparing area requirements and understanding the historical, ecological context with respect to site planning.	6	20
3	• Method of data analysis, presentation techniques, & report formation to understand site planning standards.	6	20
4	• Preparation of site layouts for campus designs, incorporating infrastructure, road layouts, and site topography.	10	40
	Total	28	100

Projects: Students may choose a project based on various case studies and illustrations.

Design studio project can be considered for site study and architectural programming as per need of selected location.

Method: Design project may be explored in terms of features responsible for site understanding.

Projects may be small or large scale could be given for group or individual study.

Course Outcomes:

Sr No	CO Statement	Marks % weightage
1	To develop understanding of site and its surroundings.	20
2	To develop understanding of parameters that influence the area programming.	20
3	To develop ability to prepare architecture program for the given project.	20



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4	To learn the design process developed through the site planning and area programming	40
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Reference:

- Bose & Chaudhary-Tropical Garden Plants
- Laurie Michael-Introduction to Landscape Architecture
- Reid Grant-Landscape Graphics
- Walker Theodore D. & Davi David A-Plan Graphics