

GUJARAT TECHNOLOGICAL UNIVERSITY**BRANCH NAME: B. Arch.****SUBJECT NAME: Landscape Architecture****SUBJECT CODE: 2X45006****2nd Year, Semester: IV****Prerequisite:**

There is no prerequisite for this course.

Rationale:

Principles of landscape Architecture, its techniques and application

Understanding ecology, ecosystem and environmental conservation

Teaching and Assessment Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
				(ESE)Theory	(ESE) Viva	(PA)Theory	(PA)Viva		
NA	2	1	03	50	NA	50	NA	100	THEORY EXAM- 2Hrs.

Content:

Sr. No.	Content	Total Hours*	% Weightage
1	<ul style="list-style-type: none"> - Ecology, Environment, Components, Ecosystem at various levels, conservation of natural resources, rainwater harvesting - Elements of Landscape: Landforms, plant materials, water, rocks, lighting etc - Types of soils, plant materials, trees, shrubs, ground covers, creepers (flowering and non-flowering), rocks, stones and water bodies - Surfacing Materials, landforms, manmade elements. - Historical and contemporary attitudes to landscape in Indian and other context. - Principles of landscape design: surfacing, enclosure vistas, visual corridor, composition of plant and other material, etc. - Preparing landscape design presentation drawing (using symbols etc.), construction details and different schedules - Documentation of case studies and best practices in landscape architecture across the world - Study and Presentation of recent concepts/innovations/explorations 	48	100%

*: indicative

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
10	20	25	10	10	25

Legends: R: Remembrance; U: Understanding; A: Application; N: Analyze; E: Evaluate; C: create and above levels
(Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books:

- Landscape architecture, J .O. Simonds
- The landscape we see, Garrett Eckbo, Mcgrewhill
- With people in mind: design and management of everyday nature, Kaplan, R., Kaplan, S., Ryan, R, Island Press Washington DC
- M. Laurie, "Introduction to Landscape Architecture" Elsevier, 1986
- Norman, "Residential Landscape Architecture: Design process for the Private Residence", Booth, Prentice Hall, 2012

List of Projects/Assignments*:

Lectures, Studio session work, AV material, Case studies, site visits, market surveys etc. A small landscape architecture design project should be given to students to exercise what they learn in this subject.

*- this is suggestive for common purpose.