



GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for Diploma of Vocation (D.Voc), 4th Semester

Branch: Architecture Assistantship

Subject Name: Landscape Design

Subject Code: 1240604

Type of course: Core

Focus: Understanding environment and its components. Principles of landscape design, techniques, & applications.

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)	
3	0	0	3	50	0	0	0	50

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

Content:

Sr. No.	Contents:	Teaching Hour	% Weightage
1	Introduction to the Landscape design – Design as enhancer of an environment	4	10
2	Role of landscape in built environment – spaces within and outside buildings. Study of residences and institutional campus	15	30
3	Study of landscape material Water – fountain, pool plant materials – trees, shrubs, herbs, climbers, ground covers Hardscape material – paver blocks, pebbles, stones, brick	8	20
5	Type of Gardens – Japanese, Mughal and English	15	30
Total		42	100

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks				
R Level	U Level	A Level	N Level	E Level
5	20	15	5	5

Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate and above levels (Bloom’s Taxonomy)

References:

- Bose & Chaudhary, *Tropical Garden Plants, Horticulture and Allied Publishers*
- Laurie Michael, *Introduction to Landscape Architecture, American Elsevier*
- Reid Grant, *Landscape Graphics, Clarkson Potter/Ten Speed*
- Walker Theodore D. & Davi David A-*Plan Graphics, Van Nostrand Reinhold, 1990*



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Course Outcomes:

Sr. No.	CO Statement	Marks % weightage
1	To understand Landscape design and its relation with built environment.	20
2	To study landscape material plant materials of the surrounding region.	20
3	To study Elements of landscape: landform, plant material, water, soil, rocks, trees	30
4	To study and understand types of garden and its history	30

Projects: Study of landscape for a small-scale area addressing garden, parking areas, pathways, roads, courtyards, built spaces. Case study of plant material could be explored with site visits

Method: Group work, presentations, seminars, theory lecture and site visits.