



**School of Planning and Architecture: Vijayawada**  
(An institution of National Importance under the Ministry of Ministry of Education, Govt. of India)  
Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India

Department of Architecture

**Course:** ARC423 - Landscape Design  
**Instructors:** Dr. Shanmuga Priya

**Class:** IVth Yr B. Arch VIII Sem A.Y. 2023-24  
**Internal Assessment:** 50  
**External Theory Exam:** 50  
**Total Marks:** 100  
**Credits:** 4

**Contact Periods/ week:** 03 periods

**Time Table:** Tuesday 9:00 am to 11:45 am

**Attendance:** Min 75%

**Min. Passing Marks:** 40% each in Internal & External Assessment, 40% in Aggregate

**Objective:**

- To introduce the students to the discipline of Landscape architecture and its relevance to Architecture
- To provide an understanding of the use of natural and man-made elements in landscape design
- To provide an overview of landscape and garden design in history
- To develop a knowledge of site planning, integrated design of open and built spaces, and urban landscapes.

**LECTURE PLAN**

WEEK	DATE	TOPIC OF CLASS LECTURE & DISCUSSION	TOPIC OF ASSIGNMENTS and CLASS EXERCISES / REMARKS
1	09/01/2024	Over view of the course. Introduction to landscape - its meaning, Experience of a landscape, Relationship of humans and nature, How landscapes relate to land, nature, environment and place. Landscape Interpretations.	
2	16/01/2024	How the scales & conception of landscapes evolve over time, Sense of place in the landscape. Scope of Landscape Architecture - Examples of various projects	
3	23/01/2024	Elements of Landscape – Hard and Soft Landscape Elements. Overview of the use of landforms and water.	Class exercise on Landforms
4	30/01/2024	Planting Materials and Planting Design ; Hard Landscape - Application of elements in a designed landscape -Case Studies; Spatial development in landscape design	Assignment 1 - Case studies of Landscape Projects
5	06/02/2024	Landscape and garden design in history - Italian Renaissance, and English gardens	Class exercise on Plants
6	13/02/2024	Landscape and garden design in history - Japanese Gardens.	Assignment 1 - Submission and discussion
7	20/02/2024	Outline of landscape and garden design in Indian history; Gardens depicted in Sanskrit literature, Nandavanams and residential gardens of South India ; Mughal gardens.	
8	27/02/2024	<b>Mid-semester Assessment</b>	
9	05/03/2024	Public parks and residential gardens of the colonial period. Contemporary public landscape projects. Study of notable examples.	Assignment 1 - Presentation and discussion

10	12/03/2024	Site survey and appraisal, Site Inventory checklist – Topography, vegetation, soil, hydrology, climate etc.. Principles of site planning	Assignment 1 - Presentation and discussion
11	19/03/2024	Design issues in site planning and siting of buildings. Integrating the built and open spaces.	Assignment 2 - Introduction to the Site planning and Landscape Design Exercise
12	26/03/2024	Urban open spaces and principle of urban landscape -Street landscaping - Case Studies	Discussion on Exercise
13	02/04/2024	Landscape design for waterfront areas and functional areas in urban centres - Case examples	Discussion on Exercise
14	10/04/2024	Green infrastructure including green roofs and walls.	Discussion on Exercise
15	15/04/2024	Presentation and Assessment of Site Planning and Landscape Design Exercise - Revision of Topics	

S. No.	Stages of Evaluation	Weightage
1	First stage: Assignment –1	15
2	Second stage: Mid-semester Examination	20
3	Third stage: Assignemnt –2	15
	<b>Total</b>	<b>50</b>

**References:**

1. Laurie. (1986). An Introduction to Landscape Architecture. Elsevier.
2. Lynch, K. (1962). Site Planning. Cambridge : The MIT Press.
3. Reid, G. (2002). Landscape Graphics. New York : Watson-Guptill.
4. Simonds, J. O. (2006). Landscape Architecture: A Manual of Land Planning and Design.
5. Motloch, J.L., 'An Introduction to Landscape Design', US: John Wiley and Sons, 2001
6. Geoffrey And Susan Jellicoe, 'The Landscape of Man', Thames And Hudson, 1987.
7. 'Time Saver Standards for Landscape Architecture', McGraw Hill, Inc, 1995.
8. Grant W Reid, 'From Concept to Form in Landscape Design', Van Nostrand Reinhold Company, 1993.
9. Richard P. Dober, 'Campus Landscape', John Wiley and Sons; 2000.
10. Brian Hackett, 'Planting Design', Mc Graw Hill Inc, 1976.
11. T.K. Bose and Chowdhury, 'Tropical Garden Plants in Colour', Horticulture And Allied Publishers, Calcutta, 1991.
12. Rahoul B Singh, 'Gardens of Delight Indian Gardens through the Ages', Lustre Press, Roli Books, 2008.
13. Rogers, E. B. (2001). Landscape design: a cultural and architectural history. Harry N Abrams Incorporated.
14. Albert J. Rutledge, 'Anatomy of a Park', McGraw-Hill Book Company, 1971.



Course Instructors:

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(Dr. Shanmuga Priya )

Head of Department