



School of Planning of 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 – M. Arch (Landscape Architecture)

M. Arch (Landscape Architecture)

Academic Year 2023 -24

Course: MLAR 121 Landscape Architecture Studio II	
Class: I Year II Semester	
Contact Hours : 12	Credits: 12
Faculty: Dr. Shanmuga Priya and Ar. Kapil Natawadkar	

WATER IN THE URBAN LANDSCAPES

Introduction

Exponential Urban population growth and intense anthropogenic activities have brought profound change to the natural environment. Disregard for the natural systems in planning and design of cities is continuing to diminish the quality of the urban environment. Urban landscapes are evolving under extremely complex influences of changing land uses modifying interconnected networks of water, vegetation, animals and their habitats. One of the most challenging problems that urban areas are facing is the degradation of the water bodies and related natural networks. A thorough understanding of the underlying ecological, social, economic, spiritual, symbolic values and institutional arrangements is required for addressing the issues associated with water and urban landscapes.

An approach that considers landscapes as a system that brings ecological and cultural values and landscape as a process and not as a product is required. Such an understanding and approach will enable us to answer questions such as : What are the underlying ecological processes? How do the different functions co-exist? When do the conflicts arise? What are the conditions that lead to successful planning, design and management of the water in the urban landscape? What strategies could be pursued? The answers will help to develop policies, guidelines and designs that respect cultural, ecological and economical values of the landscapes. This also calls for design thinking through landscape architecture to link ecological processes, spatial planning and development, social engagement, and historical analysis.

Objectives:

The aim of this studio exercise is to develop an enhanced understanding of how landscape architecture can play an imperative role in reconciling natural, social, cultural, political, and

economic issues in urban landscapes . The objectives of the studio are to help the students learn:

- Methods of assessing natural, social, cultural and political factors of landscapes with a focus on urban hydrology
- Methodological and technical tools that assist in the synthesis of various factors and develop landscape guidelines and design proposals
- To develop Landscape design proposals that take into consideration and convey the environmental, economic, experiential, and social values of landscapes.

Context:

Lakes of Hyderabad. Telangana.

Schedule: (15 WEEKS)

No.	Schedule	Date	Field Office Workshops
	Overview of Lakes in Hyderabad and Identification of Lake for detailed study	19/01/24	
Group Work			
Stage I	<ul style="list-style-type: none"> • Base plan preparation for identified sites • Urban Lakes - Literature review / Case Studies • Secondary Data Collection - Check the Attached list 	25/01/24	
	FIELD OFFICE WORKSHOP – Online Session 1		25/01/24
	<ul style="list-style-type: none"> • Literature review / Case Studies • Secondary Data Collection - Check the Attached list • Analysis and Presentation 	02/02/24	
	FIELD OFFICE WORKSHOP – Review before Online Session II		05/02/22
	FIELD OFFICE WORKSHOP – Online Session II		15/02/24
Stage II	<ul style="list-style-type: none"> • Site Data Collection* - Check the Attached list 	10/02/24 to 18/02/24	
	<ul style="list-style-type: none"> • Site - Analysis, and Synthesis - Review 	24/02/24	
	Mid-Semester Exam	26/02/24to 01/03/24	
	FIELD OFFICE WORKSHOP 26/02/24 to 14/03/24 (A detailed schedule for the Workshop will be given as the semester progresses)		14/03/24
	FIELD OFFICE WORKSHOP Presentation at CEPT Ahmedabad		16/03/24 & 17/03/24

Stage III	<ul style="list-style-type: none"> Development of Landscape Guidelines/Policy Framework – review 		22/03/24	
Sage IV	<ul style="list-style-type: none"> Development of Master Plan- review 		29/03/24	
Individual Design - 3 weeks				
Stage V	Detailed Landscape Design			
	<ul style="list-style-type: none"> Concept 		05/04/24	
	<ul style="list-style-type: none"> Scheme 		12/04/24	
	<ul style="list-style-type: none"> Presentation 		19/04.24	

References :

- Design for Human Ecosystems: Landscape, Land Use, and Natural Resources-John Tillman Lyle
- **Landscape Planning: Environmental Applications-William M. Marsh**
- Ecological Design –Basic landscape Architecture -02- Nancy Rottle,Ken Yocom.
- Introduction to Landscape Design-John L. Motloch
- https://cdn.intechopen.com/pdfs/45436/InTech-Ecological_landscape_design.pdf
- https://smartnet.niua.org/sites/default/files/resources/Lake_Conserv-Manage_India.pdf

Course Instructor

(Dr. Shanmuga Priya)

Head of Department