

	School of Planning and Architecture: Vijayawada	
	(An institution of National Importance under the Ministry of Education, Govt. of India)	
	Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India	
Department of Architecture		
Course:	MLAR222_Landscape conservation and Regional landscape planning	Class: M.Arch 2nd year; 4th semester
Coordinators:	Ar. Shreeleha C	Internal Assessment: 50
		Externals: 50
Credits: 3		Total Marks: 100
Attendance:	Min 75%	
Min. Passing Marks:	50% each in Internal & External	
<p>Objective:</p> <p>To expose students to the application of landscape planning techniques to large-scale developments such as infrastructure and power projects, extractive and manufacturing industries, new towns and urban extensions, and developments for tourism and ecotourism. The course also aims to improve Landscape perception, visual assessment and the aesthetic dimension of Landscape planning. comprehensively make the students understand the impacts of proposed development projects, enabling them to work out alternatives, so that wherever possible significant negative impacts may be avoided, minimized, or mitigated.</p>		

Week	Deliverables/Outcome	Remarks/Topic of Assignment
Week 1	Unit I: The concept of Landscape Planning and Landscape Conservation: definitions and scope. Landscape Assessment techniques	Summary writing
Week 2	Unit I: Importance of Landscape conservation and its effects on ecosystem.	Assignment 1: Unseen Ripples: Identifying and Solving Hidden Environmental Issues
Week 3	Unit III: Landscape Conservation: Priorities, Policies and	Summary writing

	Programmes; study of various charters related with landscape conservation; Landscape Conservation in Indian Context.	
Week 4	Presentation of Assignment 1	Presentation by students
Week 5	Environmental conservation, National parks and other protective designations. Biodiversity and Biosphere reserves.	Summary writing
Week 6	Unit V: Endangered landscapes. Landscape conservation and its significance (natural resources such as soil, water, vegetation, etc) Aspects of watershed management	Summary writing
Week 7	Unit V: Conservation of historic landscapes, HULs, UNESCO's recommendations for the Historic Urban Landscapes, safeguarding methods.	Summary writing
Week 8	Assignment 2 (class work)	
Week 9	Unit II: Application of G.I.S. and Remote Sensing in Regional Landscape Planning.	Summary writing
Week 10	Unit II: Basic quantitative methods of collecting, analyzing, projecting, and presenting data for Landscape Planning. (requires utilization of GIS Lab).	Guest lecture
Week 11	Unit IV Environmental Impact Assessment and the Environmental Impact Statement: Theory and Practice. definitions, methodologies, techniques Illustrative examples from India and elsewhere(EIA in developed and developing countries) to demonstrate the degree of effectiveness.	Group discussion
Week 12	Group discussion on the topics covered	Phase 3: Design development and concept or block model
Week 13	Assignment 3 (class work)	
Week 14	UNIT IV: The Role of Environmental Legislation and the Ministry of Environment and Forests.Environmental criteria for the	Summary writing

	location of human settlements or any major land-based activity, viz industries/ dam sites; the applicability of EIA to various development programs; the integration of EIA methodology to landscape design; environmental planning and management strategies and approaches relevant to urban and regional planning.	
Week 15	Consolidated discussion on the syllabus and reviewing of the assignments.	Group discussion and Revision lecture

S. No.	Stages of Evaluation	Weightage
1	First stage: Assessment	10
2	Mid Semester Assessment	20
3	Third stage: Assessment	20
	Total	50

Studio Faculties
Ar. Shreeleha C

Head of Department
(Dr. Srinivas Daketi)