



**योजना तथा वास्तुकला विद्यालय, विजयवाड़ा**  
**School of Planning and Architecture, Vijayawada**  
An Institute of National Importance, Ministry of Education, Govt. of India

**Department of Planning,**  
**Lecture Plan, Odd Semester, AY 2024-25**

<b>Name of Course:</b>	<b>Habitat and Environmental Planning (MPIS114)</b>
Programme & Sem:	Master of Planning - First Semester
Course Duration:	Odd Semester 2024-2025
Course Coordinator:	Ms.G.L. Pranathi; Assistant Professor
Number of Credits:	3
Subject Category:	Theory
Total Periods/Week:	3
Internal Assessment	50 (minimum pass marks 50%)
End Evaluation	50 (minimum pass marks 50%)
Total No. of Internal Assessment & Mode	3 Internal Assessment (Online Submission – Google Classroom/Classroom Presentations/MCQ test)

**Subject Objective:** To give insights on global and local issues of environmental concerns and introduce fundamental concepts of policies related to housing

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Unit and Assignment
Week 1(20-08-2024) Week – 2(27-08-2024)	<ul style="list-style-type: none"><li>• Meaning and components of nature</li><li>• Basic concepts of ecology</li><li>• Processes: flow of material, water, energy</li></ul> <ul style="list-style-type: none"><li>• Invasion, succession, predation, regulatory forces</li><li>• Adaptation, trophic levels, food chains, food web, ecological pyramids</li><li>• Ecology and its relevance to planning</li><li>• Modification to Natural Environment: Cause and Effect.</li></ul> <p><b>Learning Objective:</b> Understanding Scope of Subject and develop knowledge on components of nature and ecology</p>	Unit 1 – Components Of Nature & Ecology
Week 3(03-09-2024) Week 4(10-09-2024)	<ul style="list-style-type: none"><li>• Evolution of human settlements and civilizations</li><li>• Impact on the environment</li><li>• Contemporary environmental discourse</li></ul> <ul style="list-style-type: none"><li>• Global environmental movement</li><li>• Environment and poverty</li><li>• Environmental management and planning</li><li>• Global warming, climate change</li><li>• Government policies</li><li>• Biological diversity</li></ul> <p><b>Learning Objective:</b> Comprehend Global and Local Concern for Environment</p>	Unit 2 – Global & Local Concerns For Environment



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Week 5(14-09-2024 to 20-09-2024)	Field Trip	
Week 6(24-09-2024)	Green agenda vs. brown agenda, Brundtland Commission Report, Agenda 21, Club of Rome Report, UNEP Charters & Summarize the topics for Mid Semester	Unit 2 – Global & Local Concerns For Environment  Assignment – Presentation by students on Unit 2 (given week 3 and due on week 6)
Week 7 (01-10-2024 to 07-10-2024)	Mid- Semester Assessment week	
Week 8 (08-10-2024)	Environmental Resources and Ecosystem services pertaining to different geographical conditions and India's Policies and Program for Conservation, Protection and Management of resources.	Unit 3 - Environmental Resources: Consumption, Conservation and Recycling
Week 9 (15-10-2024)	India's environmental programmes. Government of India's policies relating to forest, wildlife, hill, water resources, wastelands, hills, coastlines, oceans, etc.; local climatic zones, vulnerability analysis; Climate Smart Cities and Sustainable Framework.	Unit 3 - Environmental Resources: Consumption, Conservation and Recycling
Week 10 (22-10-2024)	Special Lecture (Waterbody conservation)	
Week 11 (29-10-2024)	Housing and Built Environment – Significance of housing in national development goals: Housing as a basic entitlement-core issues of housing, factors affecting residential location, theoretical knowledge of ecological, neo-classical,	Unit 4 – Housing & Built environment
Week 12(05-10-2024)	<ul style="list-style-type: none"><li>Acts, policies, and programs</li><li>Institutional approach to housing: estimating housing shortage, housing need, current methods of demand assessment,</li><li>Issue identification, Gap assessment, theory and planning approaches</li></ul>	Unit 4 – Housing & Built environment
Week 13(12-10-2024)	<ul style="list-style-type: none"><li>typologies of housing, housing norms: Densities and standards; Urban sprawl and environmental damages: Gender based planning of neighbourhoods and human settlements.</li></ul>	Unit 4 – Housing & Built environment
Week 14(19-10-2024)	<ul style="list-style-type: none"><li>Affordable Housing &amp; Housing for low-income groups</li><li>Analytical methods concerning Housing, Investment in housing: public and private</li></ul>	Unit 5 – Housing Sectors ,Acts & Policies



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	<p>sectors</p> <ul style="list-style-type: none"><li>• Cooperative housing: objectives, principles, management, financing</li><li>• Investment in housing: public and private sectors</li><li>• Cooperative housing: objectives, principles, management, financing</li><li>• Comparative policy analysis.</li></ul>	
Week 15 (26-10-2024)	<ul style="list-style-type: none"><li>• Discussion session and Revisit to topic of difficulty</li><li>• Review of Assignment</li></ul>	Assignment – Presentation/written assignments by students on Unit 5 regarding various housing schemes/calculations (given week 13 and due on week 15)

**Reference books:**

**READING MATERIAL**

1. Morgan, Madison (Ed.). (2019). Ecology: Concepts and Applications. Publisher.
2. Vedder, Alex (Ed.). (2017). Landscape ecology: Concepts, methods and applications. Publisher.
3. Singh, R. P., & Islam, Zubairul. (2012). Environmental studies. Publisher.
4. Ndubisi, Forster. (2002). Ecological planning: A historical and comparative synthesis. Publisher.
5. Ma et al. (2011). Natural resource and environmental economics. Publisher.
6. Kilmartin, L., & Singh, H. (Eds.). (1992). Housing in the Third World: Analyses and Solutions. Publisher.
7. Tighe, J. Rosie, & Mueller, Elizabeth (Eds.). (2013). Affordable housing reader. Publisher.
8. Ecology Global Network. Introduction to Ecological Principles
9. Trophic levels and ecological pyramids. <https://onlinesciencenotes.com/trophic-levels-and-ecological-pyramids/>
10. Daniels, T. (2019). Ecology and its relevance to planning. In Editor (Ed.), Environmental Planning Handbook
11. National Housing Bank. (2007). National Urban Housing & Habitat Policy (NUHHP), 2007.

**Note :**

1. Any other closed holidays as declared by SPAV shall supersede the above lecture plan. Holidays shown above may alter as per Notice from time to time.
2. Assessment Sessions may be re-scheduled, with prior intimation.
3. Reading lists provided is not exhaustive and is subject to addition – students are advised to follow progression of class to keep abreast of the new reading lists, if any.