

Lecture Plan
Department of Planning, School of Planning and Architecture, Vijayawada

Name of Course: Theory of Environmental Planning & Design (MPEP204)

Programme & Sem: **Masters of Planning - EPM (PG), Semester Two**

Course Duration: Jan 04, 2024 to Apr 19, 2024

Course Coordinator: Ayon Kumar Tarafdar (Dr.), Professor, Dept. of Planning
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Number of Credits: 03

Total Periods/Week: 03 (See Time Table for details)

Internal Assessment: 50

End Evaluation: 50 (Written Exam)

Total Marks: 100 (to be converted to CGPA credit pattern as per regulations)

Subject Objective: Detailed understanding of traditional and contemporary Theories, Tools and Concepts related to Environmental Planning as a specialised approach towards undertaking general urban and regional planning

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode (Optional)	References / Suggested Readings
Week 1 & 2 (starting Jan 04, Thu)	Meaning and scope of term 'Environment' and its general awareness components; Interrelations between man, environment and ecosystem; why we need to study environment	Awareness Building Session (Quiz) and Lecture.	1. Murck, B., 'Environmental Science'. John Wiley & Sons. 2006. (Chap 1, 4, 5, 6) (BOOK)
	Discussion on 'Environmental Planning' and 'Environmental Management' - approaches to dealing with environmental resources	Interactive Session & Lecture	2. William B H. (2010): Ecologically Based Municipal Land Use Planning. CRC Press. Washington.
Week 3 (starting Jan 15)	Categories of Environmental Problems – Green Vs Brown	Lecture & Interactive Session (Debate)	3. McGranahan G, Satterthwaite D (2000). 'Reconciling the Brown and Green Agendas in Urban Development' in Pugh C (ed) <i>Sustainable Cities in Developing Countries</i> . London, Earthscan.
Week 4 (starting Jan 22)	Tragedy of Freedom to Commons	Lecture	4. Hardin G., (1968) "The Tragedy of the Commons". In Science Vol 162. (ARTICLE)
Week 5 (starting Jan 29)	Overshoot and Industrial Growth Dynamics	Lecture	5. Meadows et al (2004): Limits to Growth- A 30 years update Chelsea Green Publishing. (Chapter 2) (BOOK)
Week 6 & 7 (starting Feb 05)	Field Work I (Feb 03-14)		
Week 8 (starting Feb 19)	Components of environmental planning; process and key tools – 1 (basics – land suitability analysis)		6. Lein James., 'Integrated Environmental Planning'. Blackwell Science. 2013. (chap 4, 5, 7) (BOOK)
Week 9 (starting Feb 26)	Internal Assessment-II Mid Sem Exam (Apr 05-10)		
Week 10 (starting Mar 04)	Understanding the evolution of Global Environmentalism as a Movement – I (classic & modern environmentalism)		7. Gadgil, M. & Guha, R. 'Ecological Conflicts and the Environmental Movement in India'. Development & Change. Blackwell Publishers. 2004. (ARTICLE)

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Week 11 (starting Mar 11)	Understanding the evolution of Global Environmentalism as a Movement – II (postmodern environmentalism)	Lecture	8. Myllyla S. & Kuvaja K., 'Societal premises for sustainable development in large southern cities'. In Global Environmental Change 15. Elsevier. 2006. (ARTICLE)
Week 12 (starting Mar 18)	Habitat and Bio-diversity; significance of bio-diversity; Concept of 'Ecological Niche' and Species Interaction	Lecture	9. Allaby, M., 'Basics of Environmental Science'. Routledge. 2003. (Chap 4, 5, 6) (BOOK)
Week 13 (starting Mar 25)	Components of environmental planning; process and key tools – 2 (Ecosystem Services and their Valuation)	Lecture	10. Millenium Ecosystem Assessment Report 2000.
Week 14 (starting Apr 01)	Components of environmental planning; process and key tools – 3 (Ecosystem Services and their Valuation)	Lecture	Same as previous week
Week 15 (starting Apr 08)	Frontiers in Environmental Assessments (Concepts of Energy Audit, Footprints Analysis, Climate Change and Cities)	Lecture	11. Wackernagel and Ress (2009): Our Ecological Footprints. NSP. (Chapter 1&2) (BOOK)
Week 16 (starting Apr 15)	Internal Assessment-III		

Note:

1. Any other closed holidays as declared by SPAV shall supercede 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.