

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

Name of Course: Environmental Planning and Management(BPLN505)

Programme &Sem: **Bachelor of Planning (UG), Semester Five**

Course Duration: July 10 to Nov 3, 2017

Course Coordinator: Ayon K Tarafdar, Associate Prof., Dept. of Planning
(ayon.tarafdar@spav.ac.in)

Number of Credits: 03

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

Internal Assessment: 50 (minimum pass marks 50%)

End Evaluation: 50 (minimum pass marks 50%) – Written Exam.

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

Subject Objective: *Introduce environmental consciousness in planning and methods to assess implications of planning and development on natural resource base.*

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode (Optional)	References / Suggested Readings
Week 1 (July 10-14)	Meaning and scope of term 'Environment' in the context of development;	Interactive Session (Group / Individual); Awareness Building Session (Quiz) and Lecture.	1. Murck, B., 'Environmental Science'. John Wiley & Sons. 2006. (Chap 1, 4, 5, 6)(BOOK) 2. Allaby, M., 'Basics of Environmental Science'. Routledge. 2003. (Chap 4, 5, 6)(BOOK)
Week 2 (July 17-21)	Interrelations between man, environment and ecosystem; why we need to study environment; ecosystem and its relevance to settlements	Lecture & Debate	
Week 3 (July 24-28)	Habitat and Bio-diversity; significance of bio-diversity; Concept of 'Ecological Niche' and Species Interaction – where planners need to be sensitive	Lecture	3. Randolph, J., 'Environmental Land Use Planning and Management'. Island Press. 2012. (Chap 1.) (BOOK)
Week 4 (July 31-Aug 4)	Understanding Environmental resources; approaches to dealing with environmental resources – environmental management vis-a-vis environmental planning	Lecture	Same as S.No. 3
Week 5 (Aug 7 -11)	Theoretical frameworks of Sustainability in planning; roadmaps and practices for sustainable dev goals.; Sustainability in Northern and Southern context; Green and Brown Agenda.	Lecture	4. Myllyla S. & Kuvaja K., 'Societal premises for sustainable development in large southern cities'. In Global Environmental Change 15. Elsevier. 2006. (ARTICLE)
Week 6 (Aug 14 - 18)	Internal Assessment – 1 (Aug 14-18):		

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

Week 7 (Aug 21 - 25)	Tragedy of Freedom to Commons	Lecture	5. Hardin G., 'The Tragedy of the Commons'. in Science Vol 162. 1968. (ARTICLE)
Week 8 (Aug 28-Sept 1)	Ecosystem Services and their Valuation - Introduction	Lecture	6. Millenium Ecosystem Assessment Report 2000.
Week 9 (Sept 4)	Field Work		
Week 10 (Sept 11 - 15)	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)
Week 11 (Sept 18 - 22)	Internal Assessment – 2 (Sept 18-22): Time-bound Test		
Week 12 (Sept 25 - 29)	Understanding the evolution of Global Environmentalism as a Movement – II (postmodern environmentalism)	Lecture	8. Murck, B., 'Environmental Science'. John Wiley & Sons. 2006. (Chap 6) (BOOK)
Week 13 (Oct 2 - 6)	Components of environmental planning; process and key tools – 1 (basics – land suitability analysis)	Lecture	9. Lein James., 'Integrated Environmental Planning'. Blackwell Science. 2013. (chap 4, 5, 7) (BOOK)
Week 14 (Oct 9 - 13)	Components of environmental planning; process and key tools – 2 (advanced - environmental zones, ecological sensitivity assessment, biodiversity index)	Lecture	10. Randolph, J., 'Environmental Land Use Planning and Management'. Island Press. 2012. (Chap 14) (BOOK)
Week 15 (Oct 16 - 20)	Environmental Impact Assessments – Overview **	Lecture	11. Glasson J., 'Introduction to EIA'. Taylor and Francis. 2012. (Chap 1) (BOOK)
Week 16 (Oct 23 - 27)	Internal Assessment – 3 (Oct 23-27): Time bound Test		
Week 17 (Oct 30 – Nov 3)	Frontiers in Environmental Assessments – Part 1 (Concepts of Energy Audit, Footprints Analysis, Climate Change and Cities) **	Lecture	12. White Thomas. 'Sharing resources: The global distribution of the Ecological Footprint'. In Ecological Economics. Elsevier. 2007. (Article)
Nov 03	Finalisation of Internal Marks		

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.