



Department of Planning,
Lecture Plan, Odd Semester, AY 2025-26

Name of Course: B. Planning

Subject Name:	Environmental Impact Assessment (PLN4110) – Elective
Year & Sem:	B. Plan VI th Year, VII Sem
Course Duration:	Odd Semester
Course Coordinator:	Mr. J. Durga Sasank, Assistant Professor, Department of Planning
Number of Credits:	3
Subject Category:	TC
Total Periods/Week:	3 (Lecture: 2, Tutorial: 1)
Internal Assessment	50 (minimum pass marks 50%)
End Evaluation	50 (minimum pass marks 50%)- Written Exam
Total Marks	100
Total No. of Internal Assessment & Mode	Assessment -1- Class Test -10 M Assessment -2-Mid Term -20 M Assessment -3-Group Presentation -20 M

Subject Objective: To introduce tools and techniques of Environmental Impact Assessment (EIA).

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode	References /Suggested Reading
Week 1 20–24 Jul 2026	Environment – meaning, problems faced in urban and rural context	Lecture	1. John Glasson, Riki Therivel & Andrew Chadwick (2012), <i>Introduction to Environmental Impact Assessment</i> , Routledge Publications. 2. Richard K. Morgan (2002), <i>Environmental Impact Assessment: A Methodological Perspective</i> , Kluwer Academic Publishers, Boston.
Week 2 27–31 Jul 2026	Need and relevance of Environmental Impact Assessment in the planning and decision-making process	Lecture	
Week 3 3–7 Aug 2026	Evolution of EIA at global and national level; Principles of EIA; Classification of EIA projects	Lecture	
Week 4 10–14 Aug 2026	Process of EIA in India and abroad;	Lecture	1. John Glasson, Riki Therivel & Andrew Chadwick (2012), <i>Introduction to Environmental Impact Assessment</i> , Routledge Publications. 2. Richard K. Morgan (2002), <i>Environmental Impact Assessment: A Methodological Perspective</i> , Kluwer Academic Publishers,
Week 5 17–21 Aug 2026	Importance of scoping and screening in the EIA process, Role of public participation at various levels of decision making Internal Assessment -1-Quiz/MCQ Test on the Process of EIA	Lecture	



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Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode	References /Suggested Reading
			<i>Boston.</i>
Week6 & 7 22 Aug- 6 Sep, 2026	<i>Field Work</i>		
Week 8 7–11 Sep 2026	Methodologies – checklist, matrices, network and social cost-benefit analysis, Advantages and limitations of various methods; case studies from India and abroad	Lecture	
Week 9 14–18 Sep 2026	Classification of impacts – direct environmental (natural resources) and indirect (social and health) impacts	Lecture	
Week 10 21–25 Sep 2026	<i>Mid Term Assessment</i>		
Week 11 5–9 Oct 2026	Urban and regional impact assessment; Assessment of impacts on resources (air, water, flora and fauna)	Lecture	<i>1. Vijay Kulkarni & T. V. Ramachandra (2006), Environmental Management, TERI, New Delhi.</i>
Week 12 12–16 Oct 2026	Assessment -2- Presentation- Case studies from India on projects of various types covering Various Categories of Projects (Group Assignment)	Lecture	
Week 13 19–23 Oct 2026	PRA technique – its definition, concepts, objectives and techniques	Interactive Session /Lecture	<i>1. UNDP (2006), A Guide to Strategic Environmental Assessment, UNDP, New York.</i>
Week 14 26–30 Oct 2026	SEA – evolution, need and relevance, scope and tasks	Lecture	
Week 15 2–6 Nov 2026	Need and relevance for strategic planning interventions to reduce environmental impact at various spatial levels of planning	Lecture	<i>1.Fischer, T. B. (2007). The Theory and Practice of Strategic Environmental Assessment. Earthscan/Routledge</i>
Week 16 9–10 Nov 2026	Efforts of other policies at global and national level to reduce the impacts;	Lecture	
Week 17 11 Nov 2026	End of class work	-	-

Details of Internal Assessments

Tentative Date/Week of the Assessment	Mode of Assessment	Marks of the Assessment
Week 5	Class Test / Quiz	10
Week 10	Written Test (Units I – II)	20
Week 13	Assignment / Presentation on a case study EIA	20



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Reference books:

1. Government of India (Ministry of Urban Development and Town and Country Planning Organisation) (2015), Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines, Vol. 1, Ministry of Urban Development, New Delhi.
2. John Glasson, Riki Therivel and Andrew Chadwick (2012), Introduction to Environmental Impact Assessment, Routledge Publications.
3. Richard K. Morgan (2002), Environmental Impact Assessment: A Methodological Perspective, Kluwer Academic Publishers, Boston.
4. Vijay Kulkarni, T V Ramachandra (2006), Environmental Management, The Energy and Resources Institute, New Delhi.
5. World Bank (2017), Environmental and Social Framework, Washington.
6. Revesz, R. L., Stavins, R. N. (2003), Environmental Law and Policy, Cambridge, Harvard University.
7. Ministry of Environment and Forests (2012), Terms of Reference [ToR] for EIA Report. Govt of India, Delhi. viz. "Environmental Impact Assessment Guidance Manual for Building, Construction, Townships and Area Development Projects". GoI, Delhi etc. https://environmentclearance.nic.in/report/User_eia_manuals.aspx 2
8. UNDP (2006) "A Guide to Strategic Environmental Assessment". UNDP, NY.
9. NPTEL/SWAYAM Course videos on Environmental Impact Assessment

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.
4. Session modes can be made more interactive through group discussions and participatory learning activities.

Signature of the Faculty