



Department of Planning,
Lecture Plan, Odd Semester, AY 2026-27

Name of Course: B.Planning

Subject Name:	Planning for Disaster Management (PLN 4111)
Year & Sem:	IV Year & VII Sem
Course Duration:	July to December 2026
Course Coordinator:	Dr Bhagwat Jayeshkumar Maheshkumar
Number of Credits:	03
Subject Category:	Theory
Total Periods/Week:	03
Internal Assessment	50
End Evaluation	50
Total Marks	100
Total No. of Internal Assessment & Mode	03 Assessment, (Assignment No 1) 20 Marks + (Mid Semester Assessment) 20 Marks + (Assignment No 2) 10 Marks

Subject Objective: Introduce the fundamental concepts of Disaster Management and their relevance to the planning, development and management of human settlements with a focus on how planning interventions can reduce disaster risk.

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode	Reference/ Suggested Readings
Week 1 (20 July)	Unit I Introduction to Disaster Management Framework Overview of disasters and their impact at global and national level; Definitions of disaster management terminology such as hazard, risk, vulnerability, preparedness, response, mitigation, etc;	Lecture and Discussion	Coppola, D. P. (2020). Introduction to international disaster management (4th ed.). Butterworth-Heinemann. Wisner, B., Gaillard, J. C., & Kelman, I. (Eds.). (2012). The Routledge handbook of hazards and disaster risk reduction. Routledge.
Week 2 (27 July)	Unit I Introduction to Disaster Management Framework Overview of types of hazards including natural hazards, environmental hazards and man made disasters.	Lecture	Smith, K., & Petley, D. N. (2009). Environmental hazards: Assessing risk and reducing disaster (5th ed.). Routledge. Coppola, D. P. (2020). Introduction to international disaster management (4th ed.). Butterworth-Heinemann.
Week 3 (3 Aug)	Unit II The Disaster Cycle Pre-disaster – risk and vulnerability; Preparedness, mitigation; Emergency stage, rescue and relief;	Lecture and Discussion	Coppola, D. P. (2020). Introduction to international disaster management (4th ed.). Butterworth-Heinemann. Alexander, D. (2015). Disaster and emergency planning for preparedness, response, and



Department of Planning,
Lecture Plan, Odd Semester, AY 2026-27

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode	Reference/ Suggested Readings
	Emergency shelter; Post disaster, damage and needs assessment; Reconstruction and rehabilitation;		recovery. Oxford University Press.
Week 4 (10 Aug)	Unit II The Disaster Cycle Legal and institutional framework for disaster management.	Lecture	National Disaster Management Authority. (2019). National disaster management plan (2nd ed.). Government of India. National Disaster Management Authority (NDMA) Government of India. (2005). The Disaster Management Act, 2005 (Act No. 53 of 2005). Ministry of Law and Justice. Disaster Management Act, 2005
Week 5 (17 Aug)	Unit III Planning for Disaster Mitigation The multi-faceted concept of vulnerability, vulnerability and resilience from a planning perspective – land use planning, building regulations, socio-economic considerations for estimating vulnerability;	Lecture and Discussion	Wisner, B., Blaikie, P., Cannon, T., & Davis, I. (2004). At risk: Natural hazards, people's vulnerability and disasters (2nd ed.). Routledge. UN-Habitat. (2012). Planning for climate change: A strategic, values-based approach for urban planners. United Nations Human Settlements Programme.
Week 6 (24 Aug)	Field Work		(22 Aug. to 05 Sept.)
Week 7 (31 Aug)	Field Work		
Week 8 (07 Sept)	Field Work		
Week 8 (14 Sept)	Unit III Planning for Disaster Mitigation Hazard zonation; Components of disaster mitigation – structural mitigation (improvement in design and construction); Non-structural mitigation(land use zoning, development control	Lecture	Godschalk, D. R. (1998). Natural hazard mitigation: Recasting disaster policy and planning. Island Press. Burby, R. J. (Ed.). (1998). Cooperating with nature: Confronting natural hazards with land-use planning for sustainable communities. Joseph Henry



Department of Planning,
Lecture Plan, Odd Semester, AY 2026-27

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode	Reference/ Suggested Readings
	regulations); Integration of disaster mitigation into Planning processes – case studies.		Press.
Week 9 (21 Sept)	Mid- Semester Assessment week		
Week 10 (28 Sept)	Unit IV Planning for Disaster Response Institutional framework and roles of different stakeholders- the state and civil society response, private companies and recovery processes; Early warning systems for natural disasters; Evacuation and safe shelters;	Lecture and Discussion	Coppola, D. P. (2020). Introduction to international disaster management (4th ed.). Butterworth-Heinemann. National Disaster Management Authority. (2019). National disaster management plan (2nd ed.). Government of India. National Disaster Management Authority (NDMA)
Week 11 (05 Oct.)	Unit IV Planning for Disaster Response Maps and databases for effective disaster response; Disaster management plans, Hazard risk vulnerability atlas preparation etc., the concepts of disaster capitalism and disaster diplomacy.	Lecture	National Disaster Management Authority. (2019). National disaster management plan (2nd ed.). Government of India. National Disaster Management Authority (NDMA) Kelman, I. (2012). Disaster diplomacy: How disasters affect peace and conflict. Routledge.
Week 12 (12 Oct.)	Guest Lecture		
Week 13 (19 Oct.)	Unit V Planning for Post-Disaster Reconstruction Typical issues in a post disaster scenario; Approaches to post disaster reconstruction;	Lecture and Discussion	Alexander, D. (2015). Disaster and emergency planning for preparedness, response, and recovery. Oxford University Press. Mannakkara, S., Wilkinson, S., & Potangaroa, R. (2014). Build back better principles for post-disaster structural improvements. Structural



Department of Planning,
Lecture Plan, Odd Semester, AY 2026-27

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode	Reference/ Suggested Readings
			Survey, 32(4/5), 314–327. https://doi.org/10.1108/SS-12-2013-0054
Week 14 (26 Oct.)	Unit V Planning for Post-Disaster Reconstruction Role of planners; Components of reconstruction – housing, physical and social infrastructure, heritage conservation and restoration, urban renewal, socio-economic rehabilitation;	Lecture	Olshansky, R. B., & Chang, S. E. (Eds.). (2009). Planning for disaster: Moving beyond vulnerability. Routledge. Johnson, C., Lizarralde, G., & Davidson, C. H. (2006). A systems view of temporary housing projects in post-disaster reconstruction. Construction Management and Economics, 24(4), 367–378. https://doi.org/10.1080/01446190500521071
Week 15 (02 Nov.)	Unit V Planning for Post-Disaster Reconstruction NGOs and CBOs in post-disaster recovery along with case studies of “building back better”, displacement and its social and environmental implications – case studies.	Lecture and Discussion	Mannakkara, S., Wilkinson, S., & Potangaroa, R. (2014). Build back better principles for post-disaster structural improvements. Structural Survey, 32(4/5), 314–327. https://doi.org/10.1108/SS-12-2013-0054 Jha, A. K., Barenstein, J. D., Phelps, P. M., Pittet, D., & Sena, S. (2010). Safer homes, stronger communities: A handbook for reconstructing after natural disasters. World Bank. World Bank – Safer Homes, Stronger Communities
Week 16 (09 Nov.) 11th Nov. end of class work	Revision	Discussion	



Department of Planning,
Lecture Plan, Odd Semester, AY 2026-27

Details of Internal Assessments

Tentative Date/Week of the Assessment	Mode of Assessment	Marks of the Assessment
Week 5	Assignment	20
Week 9	Written Examination	20
Week 13	Assignment	10

Reference books:

1. Shaw, R., & Srinivas, H. (Eds.). (2014). Urban risk reduction: An Asian perspective. Emerald Group Publishing.
2. Saini, N. S., & Kumar, A. (2012). Disaster management and land use planning: Contemporary issues and strategies in India. Concept Publishing Company.
3. Kapur, A. (2010). Vulnerable India: A geographical study of disasters. Sage Publications India.
4. Valcik, N. A., & Tracy, P. E. (2013). Case studies in disaster response and emergency management. CRC Press

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.

Signature of the Faculty