

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

Name of Course: Disaster Preparedness and Management (MPUR306)

Programme & Sem: **Master of Urban and Regional Planning (Rural Planning and Development) Semester Three**

Course Duration: July 10 to Nov 30, 2017

Course Coordinator: Ekta, Assistant Professor, Dept. of Planning (ektashreekant@spav.ac.in)

Number of Credits: 03

Subject Category: Theory

Total Periods/Week: 3 (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: To provide an overview to disasters, critical understanding of the processes and stakeholder roles involved in reducing the impact of disasters on settlements. To enable the students to understand the fundamental theories behind disaster management and also to relate the same in the context of spatial planning practices.

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode (Optional)	References / Suggested Readings
Week 1 (July 10-14)	Concepts, and definitions of disaster, hazard, calamity, risk, vulnerability, resilience and adaptation; Types of Disasters - urban disasters, pandemics, complex emergency situations	Lecture and Group discussion; presentation	<ul style="list-style-type: none"> • Alexander D. (2000), Introduction in 'Confronting Catastrophe', Oxford University Press, London • Community-based disaster risk management; ADPC; field practitioners' handbook; UNESCAP (2004)
Week 2 (July 17-21)	Types of impacts - in terms of special groups, castes, class, gender, age, location, disability	Lecture and Group discussion	<ul style="list-style-type: none"> • Bryant Edwards (2005): Natural Hazards, Cambridge University Press, U.K • Alexander D. (2000), Introduction in 'Confronting Catastrophe', Oxford University Press, London
Week 3 (July 24-28)	Global trends in disasters	Lecture and presentation	<ul style="list-style-type: none"> • Bryant Edwards (2005): Natural Hazards, Cambridge University Press, U.K • Alexander D. (2000), Introduction in 'Confronting Catastrophe', Oxford University Press, London
Week 4 (July 31-Aug 4)	Disasters and biodiversity loss; socio economic aspects of disasters; Stages of Disaster; Immediate Response, Rescue and Relief;	Lecture, presentation and discussion	<ul style="list-style-type: none"> • Alexander D. (2000), Introduction in 'Confronting Catastrophe', Oxford University Press, London • Bryant Edwards (2005): Natural Hazards, Cambridge University Press, U.K

Lecture Plan
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			<ul style="list-style-type: none"> National Disaster Management Plan, 2016.;A publication of the National Disaster Management Authority, Government of India.; May 2016, New Delhi
Week 5 (Aug 7 -11)	Common Issues with Reconstruction and Rehabilitation; Safety, prevention, and preparedness measures;	Lecture and presentation	<ul style="list-style-type: none"> National Disaster Management Plan, 2016.;A publication of the National Disaster Management Authority, Government of India.; May 2016, New Delhi
Week 6 (Aug 14 - 18)	Internal Assessment - I		
Week 7 (Aug 21 - 25)	Mitigation measures, structural and non-structural measures; Role of different agencies in disaster management - Government, INGOs, NGOs and CBOs, role of economy, ecology and social networks in determining resilience	Lecture	<ul style="list-style-type: none"> National Disaster Management Plan, 2016.;A publication of the National Disaster Management Authority, Government of India.; May 2016, New Delhi; Disaster Management – Vinod K Sharma- IIPA, New Delhi,1995
Week 8 (Aug 28-Sept 1)	Understanding Risk through Livelihoods Analysis; Factors affecting Vulnerabilities; Differential Impacts of disasters;	Lecture	<ul style="list-style-type: none"> Encyclopedia of Disaster Management- Goel S.L. - Deep and Deep Publications, New Delhi, 2006 At Risk: natural hazards, people’s vulnerability and disasters; Second edition; 2003; Wisner, Blaikie, Cannon and Davis; UNDP
Week 9 (Sept 4)	Field Work		
Week 10 (Sept 11 - 15)	Ability to recover, coping methods, alternative adjustment processes; Relevance of indigenous knowledge, appropriate technology and local resources;	Lecture	<ul style="list-style-type: none"> National Disaster Management Plan, A publication of the National Disaster Management Authority, Government of India.; May 2016, New Delhi At Risk: natural hazards, people’s vulnerability and disasters; Second edition; 2003; Wisner, Blaikie, Cannon and Davis; UNDP
Week 11 (Sept 18 - 22)	Internal Assessment - II		
Week 12 (Sept 25 - 29)	Hazard and vulnerability profile of India ; Disasters in the context of development projects, Landuse change and adaptation to Climate Change,	Lecture	<ul style="list-style-type: none"> Disaster Management in India; GOI; 2011 http://www.nidm.gov.in/amcd_presentations/groupa_theme1/arya.pdf; accessed on 05-07-2017 Land Use Planning For

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

			<p>Disaster Risk Reduction And Climate Change Adaptation: Operationalizing Policy And Legislation At Local Levels; David King, Sharon Harwood, Alison Cottrell and Yetta Gurtner, Agung Firdaus; UNISDR, 2015</p> <ul style="list-style-type: none"> • Impacts, vulnerabilities and adaptation in developing countries; UNFCCC; 2007 • A guide to mainstreaming guiding principles disaster risk reduction and climate change adaptation; IFRC; 2013
Week 13 (Oct 2 - 6)	Information and data in the context of emergency situations: Role of geospatial tools in the field of disaster management; Community and disasters.	Lecture and presentation	<ul style="list-style-type: none"> • Disaster Management in India; GOI; 2011 • Role of geospatial technology in disaster management; MunlinRath; Indian Cartographer Vol. XXXIV: 2014
Week 14 (Oct 9 - 13)	Steps for formulating a disaster risk reduction plan; Preparation of state and district disaster management plans	Lecture and presentation	<ul style="list-style-type: none"> • Disaster Management in India; GOI; 2011 • National Disaster Management Plan, A publication of the National Disaster Management Authority, Government of India.; May 2016, New Delhi
Week 15 (Oct 16 - 20)	DM Act and Policy, Relevant policies, plans, programmes and legislation:	Lecture and presentation	<ul style="list-style-type: none"> • National Policy on Disaster Management 2009;GOI' 2009 • Disaster Management in India; GOI; 2011
Week 16 (Oct 23 - 27)	Internal Assessment - III		
Week 17 (Oct 30 – Nov 3)	Master plans, disaster preparedness and post disaster management.	lecture	<ul style="list-style-type: none"> • Disaster Management in India; GOI; 2011

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.