

Course Code: DSS 106	
Course Title: Understanding Disaster	
Credit : 2+0	
Course objective:	
The purpose of introducing the course is to develop deep understanding of the concept and various dimensions of disaster and its types.	
Max. Marks: 25+75	
Units	Topic
I	<ol style="list-style-type: none"> 1. Hazard, Risk, Vulnerability, 2. Disaster: Meaning, Nature, Importance, Dimensions & Scope of Disaster Management 3. Disaster Management Cycle
II	<ol style="list-style-type: none"> 4. Natural Disasters- Meaning and nature of natural disasters, their types and effects 5. Hydrological Disasters - Flood, Flash flood, Drought, cloud burst 6. Geological Disasters- Earthquakes, Tsunamis, Landslides, Avalanches, Volcanic eruptions, Mudflow
III	<ol style="list-style-type: none"> 7. Wind related- Cyclone, Storm, Storm surge, Tidal waves, Heat and cold Waves 8. Climatic Change, Global warming, Sea Level rise and Ozone Depletion 9. CBRN – Chemical disasters, biological disasters, radiological disasters, nuclear disasters
IV	<ol style="list-style-type: none"> 10. Accidents- road accidents, rail accidents, air accidents, sea accidents 11. Pollution - air pollution, water pollution 12. Deforestation, Industrial waste

Suggested Readings:

1. Alternative Economic Survey, 2004-05, Danish Books, New Delhi.
2. Arbor, Ann, 2003, "Measuring Post Modernism: Placing Urban Planning Values in the Context of a Broader Cultural Values Transition," Paper Presented at the 2003 Distinguished Faculty and Student Symposium: Crossing Disciplinary Boundaries in the Urban and Regional Context, University of Michigan.
3. Center for Research into the Epidemiology of Disasters (CRED), Database, 1997-2001, Belgium.
4. GoI, Economic Survey, 2004-05, GoI, Tenth Plan, 2002-07, Chapter 7, " Disaster Management: The Development Perspective".

5. Goodchild, 1990, "Planning and the modern/post-modern debate", Town Planning Review, Vol. 61, No. 2.
6. Gupta, M.C., Vinod K. Sharma, L.C. Gupta, B.K. Tamani (Eds), 2001, Manual on Natural Disaster Management in India, National Centre for Disaster Management, IIPA.
7. International Strategy for Disaster Reduction at, <http://www.isdr.org>
8. International Red Cross and Red Crescent Societies, "Man-made Disasters", at www.icrc.org