

CE/BOS/OE402 /0210

**K L UNIVERSITY**  
**DISASTER MANAGEMENT (09 – OE402)**

**SYLLABUS**

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**UNIT – 1:**

Concept of disaster management, Types of disasters. Disaster mitigating agencies and their organization structure at different levels. Overview of Disaster situations in India: Vulnerability profile of India and vulnerability mapping including disaster prone areas, communities and places.

**UNIT – 2:**

Disaster preparedness-ways and means; skills and strategies; rescue, relief, reconstruction and rehabilitation

**UNIT – 3:**

Seismic vulnerability of urban areas, Seismic response of R.C frames buildings with soft first storey. Preparedness and planning for an urban earthquake disaster. Tsunami and its impact.

**UNIT – 4:**

Landslide hazards, zonation mapping and geo-environmental problems associates with the occurrence of landslides

**UNIT – 5:**

Role of remote sensing, science & technology, Rehabilitation programmes, Management of Relief Camp, information systems & decision making tools, voluntary Agencies & community participation at various stages of disaster Management, School Awareness & Safety programme

**TEXT BOOKS:**

1. Disaster Management, RB Singh (Ed), Rawat Publications, 2000.

**REFERENCE BOOKS:**

1. Natural Hazards in the Urban habitat by lyengar, CBRI, Tata McGraw Hill
2. Natural Disaster management, Jon Ingleton (Ed), Tulor Rose, 1999
3. Anthropology of Disaster management, Sachindra Narayan, Gyan Publishing house, 2000.