

**6<sup>th</sup> SEMESTER  
GENERIC ELECTIVE  
GG616G: GEOGRAPHY: FUNDAMENTALS OF DISASTER MANAGEMENT**

**CREDITS: 6  
MAX. Marks: 90**

**Credit-I:**

- 1) Meaning and Definition- Hazard and Disaster
- 2) Meaning & Definition of Disaster Management
- 3) Elements of Disaster Management
- 4) Significance of Disaster Management

**Credit-II:**

- 1) Disaster Vulnerability
- 2) Disaster Risk
- 3) Disaster Mitigation
- 4) Disaster Preparedness

**Credit-III:**

- 1) Disaster Management Cycle
- 2) Response Phase
- 3) Recovery Phase
- 4) Reconstruction and Rehabilitation Phase

**Credit-IV:**

- 1) Introduction to Geo-Physical Disasters
- 2) Earthquakes
- 3) Landslides
- 4) Tsunami

**Credit-V**

- 1) Introduction to Hydro-meteorological Disasters
- 2) Cyclones
- 3) Cloud bursts
- 4) Floods and Droughts

**Credit-VI:**

- 1) Introduction to Man-made Disasters
- 2) Chemical Disasters
- 3) Nuclear Disasters
- 4) Biological Disasters

**Suggested Readings**

1. Bryant Edwards (2005): Natural Hazards, Cambridge University Press, U.K
2. Carter, W. Nick, 1991: Disaster Management, Asian Development Bank, Manila
3. Firefly Guide to Global Hazards, Robert Louis Kovach, Bill McGuire, Firefly Books, 2004
4. H.K. Gupta (2003) Disaster management
5. David Etkin (2014) Disaster Theory, Elsevier