

**SEMESTER 1<sup>st</sup>**  
**SKILL ENHANCEMENT COURSE**  
**DMG122S DISASTER MANAGEMENT (EMERGENCY RESPONSE)**

**CREDITS 2+2**

***Course Outcome:** The course on Emergency Response deals with essential components of response and stakeholder's coordination in disaster response. Students should learn how to respond to different disasters as well as Do's and Don'ts of different hazards*

**THEORY (02 CREDITS)**

**UNIT-I**

Introduction to Emergency Response  
Essential Components of Emergency Response  
Emergency Preparedness Plan

**UNIT-II**

Terminology: Search, Rescue, Evacuation and Relief  
Psychological Response: Stress, Trauma, Rumour and Pain  
Medical Aid in Emergencies

**PRACTICALS (02 CREDITS)**

**UNIT-III**

Do's and Don'ts during Earthquakes, Floods and Heat waves

**UNIT-IV**

Do's and Don'ts during: Fires and Accidents  
Using Fire Extinguishers  
Performing Cardiopulmonary Resuscitation (CPR)

**SUGGESTED READINGS**

1. Disaster Response and Homeland Security, James F. Miskel –2008.
2. Disaster response: principles of preparation and coordination, Erik Auf der Heide –1989.
3. Principles of Incident Response and Disaster Recovery, Michael Whitman, Herbert Mattord, Andrew Green, 2013.
4. Federal Emergency Management Agency National Urban Search and Rescue US&R Response System Field Operations Guide; 2013. Createspace Independent Pub.
5. Basic Search & Rescue Skills Emergency Response International; [www.eri-online.com](http://www.eri-online.com)
6. Geo Hazards Society, Fire Safety; <http://www.geohaz.in/>
7. Hydro Meteorological Hazards; [www.nidm.gov.in](http://www.nidm.gov.in)