

# Shri Govind Guru University

## B.Com Syllabus

### Semester - V

### Subject : FC Disaster Management

#### Objectives:

Introductory-level concepts and practical aspects involved in disaster management. Relating personal or community experiences of disasters. To define and describe disaster management, hazard, emergency, disaster, vulnerability, and risk;

**Number of credits: 3**

**Lectures per week: 3 of one hour each**

**Total sessions: 45**

Unit	Weightage
Unit I	25%
Unit II	25%
Unit III	25%
Unit IV	25%
Total	100%

#### **Unit I Understanding disaster**

Concept of disaster - Different approaches - Concept of Risk - Levels of disasters  
Disaster phenomena and events (*Global, national and regional*)

## **Unit II Hazards and Vulnerability**

Natural and man-made hazards; response time, frequency and forewarning levels of different hazards - Characteristics and damage potential of natural hazards; hazard assessment - Dimensions of vulnerability factors; vulnerability assessment- Vulnerability and disaster risk - Vulnerabilities to flood and earthquake hazards

## **Unit III Disaster management mechanism**

Concepts of risk management and crisis management - Disaster management cycle  
Response and Recovery - Development, Prevention, Mitigation and Preparedness  
Planning for relief

## **Unit IV Planning for disaster management**

Strategies for disaster management planning - Steps for formulating a disaster risk reduction plan - Disaster management Act and Policy in India - Organizational structure for disaster management in India - Preparation of state and district disaster management plans

### **Reference:**

1. Alexander, D. Natural Disasters, ULC press Ltd, London, 1993.
2. Carter, W. N. Disaster Management: A Disaster Management Handbook, Asian Development Bank, Bangkok, 1991.
3. Chakrabarty, U. K. Industrial Disaster Management and Emergency Response, Asian Books Pvt. Ltd., New Delhi 2007.
4. Disaster Management Act. (2005), Ministry of Home Affairs, Government of India, New Delhi, 2005