



# GOVERNMENT COLLEGE BARAN (RAJASTHAN)

## VALUE ADDED COURSE

COURSE CODE-GCB/VAC/ DIS  
CONTACT HOURS- 32

## DISASTER MANAGEMENT

COURSE OBJECTIVES- This course has been designed to familiarize students with domain knowledge and understanding key concepts of disaster risk reduction and quick humanitarian response, Respond to disaster risk reduction initiatives and disasters in an effective, humane and sustainable manner

COURSE OUTCOME- Students understand the importance disaster management, learn different types of disasters its causes. Gain knowledge about impact of disasters on environment and society.

LEARNING OUTCOME- Get informed about basic skills to quickly respond during a disaster. They learn about vulnerable geographical sites, understand the role NDRF and other bodies, get acquainted about their responsibilities at the time of disaster. Students are also motivated to support the relief teams when they understand their own roles in society.

EVALUATION- Class room presentation, Group Discussions/ Viva.

COURSE CREDIT- 0

DISCIPLINE- Open to All

### Module I: Introduction to Disasters

Concepts and Definition (Disaster, Hazards, Vulnerability, Risks)

### Module-II: Disasters, Classification, Causes, Impact

Typology- Earthquake, Flood and Drainage, Cyclone, Drought and Famine, Landslide and Snow Avalanche, Fire and Forest Fire, Industrial and Technological Disaster, Epidemics. Trends in disasters- urban disasters, pandemics, complex emergencies, Climate change.

### Module-III: Approaches to Disaster Risk Reduction

Disaster cycle- its analysis, Phases, Culture of safety, prevention, mitigation and preparedness, community based DRR, roles and responsibilities of community, Role of Various Agencies, District Administration, Military and Para-Military Forces, Ministries and Departments at Centre and State Levels, Non-Governmental Agencies, International Agencies, Media

### Module-IV: Inter- relationship between Disasters & Development

Factors affecting Vulnerabilities, differential impacts, Impact of Development projects such as dams, embankments, changes in Land-use etc. Climate Change Adaptation Relevance of indigenous knowledge appropriate technology and local resources

### Module-V: Disaster Risk Management in India

Hazard and Vulnerability profile of India, Components of Disaster Relief Water, Food, Sanitation, Shelter, Health, Waste Management Institutional arrangements (Mitigation, Response and Preparedness, DM Act and Policy. Other related policies plans, programs, and legislation)

REFERENCES: Government of India Disaster Management Act <https://ndma.gov.in/>