

TEMPLATE FOR COURSE SYLLABUS FOR NEP IMPLEMENTATION

Discipline: Science  Arts, Humanities & Social Science   
 Commerce  BBA  BCA

Subject Name: **DISASTER MANAGEMENT**

Subject Code:  (Will be provided by the University)

Semester: Semester I  Semester II  Semester III  Semester IV   
 Semester V  Semester VI  Semester VII  Semester VIII

Course Name: **RURAL STUDIES**

Course Code:  (Will be provided by the University)

Course Credit: Theoretical **03** Practical/Tutorial

Marks Allotted: Theoretical **50** Practical/Tutorial **10**

Continuing Evaluation **10** Attendance **05**

Course Type (tick the correct alternatives):

Major Core  AEC   
 Interdisciplinary/ DSE  SEC   
 Multidisciplinary/MDC   
 Minor / Generic Elective  VAC   
 Research Project/Dissertation  Vocational

Is the course focused on employability / entrepreneurship? YES  NO

Is the course focused on imparting life skill? YES  NO

Is the course based on Activity ? YES  NO

Remarks by Chairman, UG BOS, if any

This is the new course introduced by the University of North Bengal under Four Years Undergraduate Course, NEP-2020. The course disaster management covers a much broader scope, and many modern disaster managers may find themselves far more involved in pre-disaster activities than in post-disaster response. Those are 1. The refugee field of disaster management is highly specialized and requires not only many development skills but also a broader awareness of political, legal, and humanitarian issues. 2. DM aims and objectives, elements, Natural/man-made Disasters, 3. Victims, Relief Systems, 4. Phases of Disaster Response/Relief Operations, Government's Role, 5. Refugee Assistance Models, 6. Prevention and Mitigation Tools, Preparedness Tools, 7. Tools of Post-Disaster Management, Mapping, 8. Aerial Photography and Remote Sensing, 9. Information Management, 10. Logistics, Epidemiology.

UG BOS Meeting Reference Number:

Ref. No. 259/UG-23

Date:

21/07/202

**Below is the template for illustrative purpose only.**

**Course Code:**

**Course Name:** Rural Studies

**Brief Course Description:**

The world over disaster management is seen as evolving process. There cannot be a single model or approach towards management of disasters. Thus the objective of disaster management comprises six elements: the pre-disaster phase includes prevention, mitigation and preparedness, while the post disaster phase includes response, rehabilitation, reconstruction and recovery. Although the actions taken to address a specific disaster vary depending on the hazard, four objectives of disaster management apply to every situation: 1. Reduce Damages and Deaths 2. Reduce Personal Suffering 3. Speed Recovery 4. Protect Victims

Prerequisite(s) and/or Note(s):

- (1) High school in any subjects
- (2) Note(s): Syllabus changes yearly and may be modified during the term itself, depending on the circumstances. However, students will be evaluated only on the basis of topics covered in the course.

**Course Objectives:**

Knowledge acquired:

- (1) Identifying the hazard and its cause.
- (2) Reducing vulnerability and potential losses of hazard.
- (3) Assessing, reviewing and controlling the risk
- (4) Institutional arrangement for Disaster Management

Skills gained:

- (1) Applying efficient, effective, sustainable relief (food, shelter and money), medical and other facilities in disaster affected people thus they can survive
- (2) Building up capacity in every sector like- individual, social, economic, environmental, regional, national and international.
- (3) Prepare report on different disaster at international, national, regional and local level

Competency Developed:

- (1) Reducing the damage, death, sufferings and destruction of any natural and human induced disaster.
- (2) Increasing the strength among people to survive against disasters.
- (3) Comprehend the importance of disaster management and the need of awareness

**Course Syllabus Overview:**

**COURSE CONTENT (Theoretical)**

**Merks-50**

**Unit-I: Introduction to Disaster Management**

- a) Concept of the hazard, risk, vulnerability and disaster;
- b) Types of disaster: Natural and Man-made;
- c) Nature, importance, dimensions and scope of Disaster Management;
- d) Disaster Management Cycle: mitigation, preparedness, response, recovery;
- e) Institutional arrangement for Disaster Management: Disaster Management Act. and National Policy on Disaster Management.

**Unit-II: Disaster Preparedness and Awareness**

- a) Concept and nature of disaster preparedness and awareness;
- b) Disaster preparedness plane: Earthquake, Landslide, Accidental Fire, Different Accidents and Snakebite;
- c) Community based Disaster Management preparedness and awareness;
- d) Role of IT in Disaster Management preparedness and awareness.

**Unit-III: Disaster Response, Recovery and Management**

- a) Disaster Risk Reduction Crisis Management;
- b) Needs of damage assessment: types and technique;
- c) Disaster response by Central, State and Local Authority;
- d) Disaster Recovery and Rehabilitation.

**REPORT WRITING (Practical)**

**Marks-10**

Student will choose any topic related to any types of disaster (Natural and Man-Made) at International, National, Regional and Local level occurred during last 10 years and students have to submit a report relevant to disaster management in a particular any topic and at any level.

**Selected Readings:**

1. Disaster Management Guidelines, GOI-UND Disaster Risk Program (2009-2012) 2
2. Damon, P. Copola, (2006) Introduction to International Disaster Management, Butterworth Heineman.
3. Gupta A.K., Niar S.S and Chatterjee S. (2013) Disaster management and Risk Reduction, Role of Environmental Knowledge, Narosa Publishing House, Delhi.
4. Murthy D.B.N. (2012) Disaster Management, Deep and Deep Publication PVT. Ltd. New Delhi.
5. Modh S. (2010) Managing Natural Disasters, Mac Millan publishers India LTD.
6. Carter, W. Nick (1991), Disaster Management: A Disaster Manager's Handbook, Asian Development Bank, Manila
7. Green Stephen.1980. International Disaster Relief: Towards A Responsive system, Mc Graw Hill Book Company, New York.
8. Prakash, Indu (1995), Disaster Management, Rashtra Prahari Prakashan, Gaziaba
9. Talwar, Arun Kumar, Juneja and Satish (2008): Encyclopedia of Disaster Management (10 volumes)- saujanya books, Delhi
10. Damon P. Coppola (2006) : Introduction to International Disaster Management.
11. Smith K and Petley DN. (2009): Environmental Hazards: Assessing risk and reducing disaster. 5th edition, Routledge: New York.

## **Four Year Under Graduate Course under NEP-2020**

### **Multidisciplinary Course (MDC)**

#### **COURSE TITLE: DISASTER MANAGEMENT**

**Credit: 03**

**Total Marks:75**

**(End Semester Examination: 50 Marks, Report Writing: 10 Marks, Continuing Evaluation: 10 Marks, Attendance: 05 Marks; Total: 50+10+10+5=75 Marks)**

#### **Objective of the Course:**

1. To understand the concept of hazard, risk, vulnerability and disaster;
2. To develop skills on Disaster management cycle;
3. To know the institutional arrangement for Disaster Management;
4. To gain knowledge on disaster response and recovery;
5. To develop practical skill to prepare report on disaster.

#### **Outcome of the Course:**

1. Understand disasters, disaster preparedness and apply the mitigation measures;
2. Apply knowledge of disaster management acts and guidelines;
3. Understand the nature, cause and effects of disasters;
4. Comprehend the importance of disaster management and the need of awareness;
5. Enable to prepare report on different disaster at international, national, regional and local level.

#### **COURSE CONTENT (Theoretical)**

**Merks-50**

##### **Unit-I: Introduction to Disaster Management**

- a) Concept of the hazard, risk, vulnerability and disaster;
- b) Types of disaster: Natural and Man-made;
- c) Nature, importance, dimensions and scope of Disaster Management;
- d) Disaster Management Cycle: mitigation, preparedness, response, recovery;
- e) Institutional arrangement for Disaster Management: Disaster Management Act. and National Policy on Disaster Management.

##### **Unit-II: Disaster Preparedness and Awareness**

- a) Concept and nature of disaster preparedness and awareness;
- b) Disaster preparedness plane: Earthquake, Landslide, Accidental Fire, Different Accidents and Snakebite;
- c) Community based Disaster Management preparedness and awareness;
- d) Role of IT in Disaster Management preparedness and awareness.

##### **Unit-III: Disaster Response, Recovery and Management**

- a) Disaster Risk Reduction Crisis Management;
- b) Needs of damage assessment: types and technique;
- c) Disaster response by Central, State and Local Authority;
- d) Disaster Recovery and Rehabilitation.

## **REPORT WRITING (Practical)**

**Marks-10**

Student will choose any topic related to any types of disaster (Natural and Man-Made) at International, National, Regional and Local level occurred during last 10 years and students have to submit a report relevant to disaster management in a particular any topic and at any level.

### **Selected Readings:**

1. Disaster Management Guidelines, GOI-UND Disaster Risk Program (2009-2012) 2
2. Damon, P. Coppola, (2006) Introduction to International Disaster Management, Butterworth Heineman.
3. Gupta A.K., Niar S.S and Chatterjee S. (2013) Disaster management and Risk Reduction, Role of Environmental Knowledge, Narosa Publishing House, Delhi.
4. Murthy D.B.N. (2012) Disaster Management, Deep and Deep Publication PVT. Ltd. New Delhi.
5. Modh S. (2010) Managing Natural Disasters, Mac Millan publishers India LTD.
6. Carter, W. Nick (1991), Disaster Management: A Disaster Manager's Handbook, Asian Development Bank, Manila
7. Green Stephen.1980. International Disaster Relief: Towards A Responsive system, Mc Graw Hill Book Company, New York.
8. Prakash, Indu (1995), Disaster Management, Rashtra Prahari Prakashan, Gaziaba
9. Talwar, Arun Kumar, Juneja and Satish (2008): Encyclopedia of Disaster Management (10 volumes)- saujanya books, Delhi
10. Damon P. Coppola (2006) : Introduction to International Disaster Management.
11. Smith K and Petley DN. (2009): Environmental Hazards: Assessing risk and reducing disaster. 5th edition, Routledge: New York.