

Programme/ Class- Vocational Course
B.A. ---I,II Year
Course Title_ Disaster Management
Credit 3

Semester –I	Theory+ Practical
Semester –II	Theory+ Practical
Semester –III	Theory+ Practical
Semester –IV	Theory+ Practical

The Primary concern and focus area of this programme to let the students be aware of various types of disaster and its mitigation techniques in the present Global Scenario which we were witnessing . The preparedness and response at the time of occurring of disasters, whether it will be ‘Natural’ or ‘Manmade’.

Course Objectives:

The Primary Objectives of the course are as follows-

- 1.To minimize the huge loss of man and material in the time of disasters.
2. Identifying the Risk Zone Mapping and Vulnerabilities.
- 3.Effective planning perspective.
- 4.Training and ensuring community participation.
5. Knowing the Disaster Management Cycle which includes Acquaintance mitigation, Response and Rescue.

Course Outcomes:

1. They will become responsible citizens.
2. They can be recruited in UNDP, UNESCO, WHO, FAO, WORLD BANK, UNICEF and be part of different Civil Societies.

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Semester –I

Unit	Topics	No. of Lectures/ Practical
I	What is Disaster Management	1
II	Global scenario and related challenges	1
III	Indian scenario and related challenges	1
IV	Types of Disasters (A) Natural (B) Manmade	1

Practical

Topics	No. of Lectures/ Practical
In the first semester the students shall be trained about how to act in case of Natural Disasters when it comes in the form of- 1. Earthquake 2. Lightening	1
The Students shall be trained through Mock Drill. It will help them to know about techniques of- (A) Search and Rescue (B) Receive and Respond (C) How to find safe passage and safe technique to cope up with the disasters.	1
The training should be provided by – (A) Master Trainer Disaster Management (B) By NCC (C) BY NSS	2
They shall come to know about National Building Code and shall be trained by Structural Engineers.	1

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Semester –II

Unit	Topics	No. of Lectures/ Practical
I	Role of United Nations and its agencies in Disaster Management: UNDP, UNESCO, WHO, FAO, WORLD BANK, UNICEF.	2
II	National Disaster Management Act and establishment of National Disaster Management Authority.	1
III	Ministry of Home Affairs	1
IV	Institutional setup of NDMA	1

Practical

Topics	No. of Lectures/ Practical
The student shall come to know about how to act in case of (A) Drought (B) Famine	1
Visit of Drought prone zone and let them know about marking system of danger and high danger zone in case of Drought.	1
Through Mock Drill the students shall come to know about how to make village development plan. They will also come to know about search and rescue in the time of Drought.	1
In case of Famine it shall be taught them about how to make various types of storage system and related preparedness. They shall be taught about how to make Self Help Groups and how to train the village populations.	1

Semester –III

Unit	Topics	No. of Lectures/ Practical
I	Challenges before NDMA	1
II	Risk Zone Mapping considering various types of area specific Natural Disasters	1
III	Mitigating Agencies: Army, Central Reserve Forces, Paramilitary Forces, Police and Provincial Reserve Forces.	1
IV	Post Disaster Management Rescue and Rehabilitation.	2

Practical

The students shall be trained how to act in occurrence of-

(A) Master TRAINER Disaster Management	1
(B) Police Personnel's	1
(C) Fire Department	1
(D) Mock Drill	1

The Visit to Fire Control Department shall be there to let the students know about various fire extinguishers and how to operate them.

Semester –IV

Unit	Topics	No. of Lectures/ Practical
I	Training by National and State Disaster Response Force.	1
II	Effective and Efficient usage of National and State Disaster Response Fund.	1
III	Knowledge Dissemination and Ensuring Community Participation.	1
IV	Delegation of Authority and Responsibility to Civil Society and defining their Role.	1

Practical

<p>The students shall be trained about how to act in case of -</p> <ul style="list-style-type: none"> (A) Tornado (B) Typhoon (C) Tsunami <p>The training shall be provided in the form of –</p> <ul style="list-style-type: none"> (A) Mock Drill (B) Search and Rescue 	2
<p>The training shall be provided by-</p> <ul style="list-style-type: none"> (A) Master Trainer Disaster Management (B) By NCC (C) BY NSS (D) NDRF Officers 	2
<p>The visit of the students shall be made to –</p> <p>NDRF/SDRF Center</p>	1

Suggested Readings:

1. Savindra Singh and Jeetendra Singh , *Disaster Management*, Pravalika Publications, Allahabad.
2. A.K. Srivastava, *Disaster Management*, Scientific Publishers.
3. R. K. Dawe, *Disaster Management in India Challenges and Strategies*, Prowess Publishing.
4. S. Vaidyanathan, *An Introduction of Disaster Management: Natural Disaster and Manmade Hazards*, CBS Publishers.
5. Nidhi Gauba Dhawan and Ambrina Sardar Khan, *Disaster Management and Preparedness*, CBS Publishers.