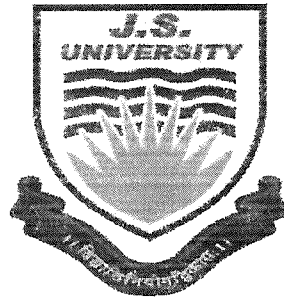


J.S. University


Established by UP Govt. Act No. 07 of 2015
Recognized by U.G.C. under section 2 (f) of
Act-1956



Value Added Course

(Disaster Management)

Faculty of Nursing

	J.S. University, Shikohabad Faculty of Nursing	Value Added Course
		AY: 2020-21

Disaster Management

Learning Outcome:


This Course will provide knowledge of Disaster Management

Duration: 30 Hours. (Theory and Practical)

Perquisites:

Assessment Criteria/ Award of certification:

Participants who secured 90% attendance and secured 80% marks in final quiz shall be awarded the completion of certificate

	<p style="text-align: center;">J.S. University, Shikohabad Faculty of Nursing</p>	Value Added Course
		AY: 2020-21

Course Objective:


Maximum Exposure has to be given on Practical Oriented After completion of the course the student shall be able to:-

1. The Programme has been framed with an intention to provide a general concept in the dimensions of disasters caused by nature beyond human control as well as the disasters and environmental hazards induced by human activities with emphasis on Natural disaster, Man-made disaster, Application of GIS and ICT in Preparedness, Response, Rehabilitation and Recovery. This course objective is to meet the needs of people involved in disaster management for both sudden-onset natural disasters (i.e., earthquakes, floods, hurricanes) and slow-onset disasters (i.e., famine, drought). This course is designed for government personnel, representatives of private voluntary agencies, and other individuals interested in disaster management.

2. It is innovative, skill and employment oriented to attract bright students to the discipline of Disaster Management. Thus, ensuring University – Industry interface in Skill-based education and community linked approach.

Course Outcome

1. Demonstrate different types of disasters
2. Apply the knowledge of disaster preparedness.
3. Apply the knowledge in community .
4. Illustrate various methods and techniques to fight with disaster
5. Apply the principles of disaster preparation and the nurses' role
6. Develop understanding of the various safety protocols and adhere to those protocols

	J.S. University, Shikohabad Faculty of Nursing	Value Added Course
		AY: 2020-21

Course overview

This course on Disaster Management

Unit	Content	Theory hours	Practical hours
Unit -1	Introduction of Disaster Management Risk Assessment and Vulnerability Analysis	4hrs	
Unit-2	Natural Disasters 1 Natural Disasters 2 Hydrological Disasters 3 Geological Disasters- 4. Wind related	5hrs	
Unit-3	1.CBRN 2.Fire 3.Accidents 4.Pollution 5.Deforestation	4hrs	3hrs
Unit-4	1.Disaster preparedness	4hrs	4hrs
Unit-5	Rehabilitation And Reconstruction	3 hrs	3 hrs

Theory-20 hrs
Practical-10 hrs

Disaster Management

Unit-1 Introduction

Introduction to Disaster Management

- 1 Hazard, Risk, Vulnerability, Disaster
- 2 Meaning, Nature, Importance, Dimensions & Scope of Disaster Management
- 3 Disaster Management Cycle

Unit-2 Natural Disaster

- 1 **Natural Disasters**- Meaning and nature of natural disasters, their types and effects
- 2 **Hydrological Disasters** - Flood, Flash flood, Drought, cloud burst

3 Geological Disasters- Earthquakes, Tsunamis, Landslides, Avalanches, Volcanic eruptions, Mudflow

4. Wind related- Cyclone, Storm, Storm surge, Tidal waves, Heat and cold Waves

Unit-3 CBRN

1.CBRN – Chemical disasters, biological disasters, radiological disasters, nuclear disasters

2.Fire – Building fire, coal fire, forest fire, Oil fire

3.Accidents- Road accidents, rail accidents, air accidents, sea accidents

4.Pollution - Air pollution, water pollution

5.Deforestation- Industrial waste

Unit-4 Disaster Preparedness

1. Disaster Preparedness: concept and significance

2. Disaster Preparedness Measures

3. Institutional Mechanism for Disaster Preparedness

4. Disaster preparedness with special needs/ vulnerable groups

5. Disaster Preparedness: Policy and Programmes.

Unit-5 Rehabilitation & Reconstruction

Rehabilitation, Reconstruction and Development-Concept, Meaning, Types of Rehabilitation and Reconstruction. Importance of Disaster Mitigation, Cost – benefit analysis, relationship between vulnerability and development

Reconstruction

- ❖ Speedy Reconstructions- Essential services, Social infrastructures, Immediate shelters/camps, Contingency plans for reconstructions.
- ❖ Development of Physical and Economic Infrastructure- Developing Physical and Economic Infrastructure, Environmental Infrastructure development

Disaster Resistant House Construction

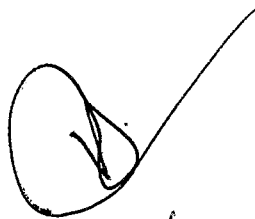
Guidelines for Disaster resistant construction, traditional techniques, Seismic strengthening of houses in low rain/High rainfall area, earthquake resistant construction technique


Rehabilitation

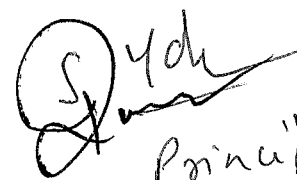
Rehabilitation - Socio- economic Rehabilitation- Temporary Livelihood Options and Socio-Economic
Rehabilitation Education and awareness and role of Information Dissemination, Participative
Rehabilitation

References:

1. Community health nursing, K. Park
2. www.wikipedia.com
3. www.google.com


Coor. Coor. Coor.
Mr. Saurav


Academi
Dr. Akhilesh


Principle
Dr. Seema
Yada