

PROGRAM	Master of Business Administration
SEMESTER	IV
COURSE TITLE	Preparedness and Response in Disaster
COURSE CODE	04MB0439
COURSE CREDITS	3
COURSE DURATION	42 sessions

COURSE OUTCOMES:

- Understand the different types of disaster.
- Create a strategy for vulnerability reduction.
- Understand, analyze, and create plan, prediction, early warnings and safety measures of disaster.
- Understand the disaster response.
- Analyze the role of government and NGO

COURSE CONTENTS:

Unit No	Unit / Sub Unit	Session
I	Module 1: Introduction on Disaster Different Types of Disaster: Natural Disaster: such as Flood, Cyclone, Earthquakes, and Landslides etc. Man-made Disaster: such as Fire, Industrial Pollution, Nuclear Disaster, Biological Disasters, Accidents (Air, Sea, Rail & Road), Structural failures (Building and Bridge), War & Terrorism etc., Causes, effects and practical examples for all disasters.	10
II	Module 2: Risk and Vulnerability Analysis Risk : Its concept and analysis, Risk Reduction, Vulnerability : Its concept and analysis , Strategic Development for Vulnerability Reduction	8
III	Module 3: Disaster Preparedness Disaster Preparedness: Concept and Nature Disaster Preparedness: Plan, Prediction, Early Warnings and Safety Measures of Disaster.	6
IV	Module 4: Disaster Response Disaster Response : Introduction, Disaster Response Plan, Communication, Participation, and Activation of Emergency Preparedness Plan, Search, Rescue, Evacuation and Logistic Management	8
V	Module 5: Role of Government and NGO Role of Government, International and NGO Bodies, Role of IT in Disaster Preparedness, Role of Engineers on Disaster Management. Role of Information, Education, Communication, and Training, Relief and Recovery, Medical Health Response to Different Disasters.	10

EVALUATION:

The students will be evaluated on a continuous basis and broadly follow the scheme given below:

	Component	Weightage
A	Continuous Evaluation Component (Assignment/ Quiz/ Class participation/ presentation/ etc.,	20%(C.E.C)
B	Internal assessment	30%(I.A)
C	End- Semester Examination	50% (External assessment)

SUGGESTED READINGS:
Text Books:

Sr. No	Author/s	Name of the Book	Publisher	Editi on and Year
T-01	Dr.Mrinalini Pandey	Disaster Management	Wiley India	latest
T-02	Tushar Bhattacharya	Disaster Science and Management	McGraw Hill.	latest
T-03	Jagbir Singh	Disaster Management : Future Challenges and Opportunities	K W Publishers Pvt. Ltd.	latest

Reference Books:

Sr. No	Author/s	Name of the Book	Publisher	Editi on and Year
R-01	J. P. Singhal	Disaster Management	Laxmi Publications	latest
R-02	Shailesh, Shukla, Shamna Hussain	Biodiversity, Environment and Disaster Management	Unique Publications	latest
R-03	C. K. Rajan, Navale Pandharinath	Earth and atmospheric Disaster Management: Nature& Manmade	B.S Publication	latest