

Geography syllabus for Internship

BA/ B.Sc. Semester 6

Natural Disaster and Environment Management

Number of Theory Credits	Number of lecture hours/ semester	Number of practical Credits	Number of practical Classes
3	60	0	0

Course Outcomes:

1. Understand the basics concepts in natural disasters
2. Study types of natural disasters and their effects

Course Objectives - This course aims to:

1. The paper is intended to provide a general concept in the dimensions of disasters caused by nature beyond the human control.
2. Introduce a holistic classification of natural disasters considering the Earth Sciences
3. Demonstrate the devastating effect of natural disasters to society;

Content of Theory Course 1

Unit – 1 Introduction to Natural Disaster 16

Meaning, Definition, and Scope.
Lithosphere and Natural Disasters
Earthquakes and Volcanoes,
Landslides And Avalanches

Unit – 2 Atmosphere and Natural Disasters 15

Heat wave and wildfire
Cloud burst, hailstorm,
Drought and famines

Hydrosphere and Natural Disaster 14

Tsunami
Hurricanes and cyclones
Floods and flash floods

Biosphere and Natural Disasters 15

Epidemics and pandemics
Covid -19 and its effects
Techniques and technology to mitigate natural disasters

References

1. Dr. Minalini Pandey Disaster Management Wiley India Pvt. Ltd.
2. Tushar Bhattacharya Disaster Science and Management McGraw Hill Education (India) Pvt. Ltd.
3. Jagbir Singh Disaster Management: Future Challenges and Opportunities K W Publishers Pvt. Ltd.
4. J. P. Singhal Disaster Management Laxmi Publications.
5. Shailesh Shukla, Shamna Hussain Biodiversity, Environment and Disaster Management Unique Publications
6. C. K. Rajan, Navale Pandharinath Earth and Atmospheric Disaster Management: Nature and Manmade B S Publication

Formative Assessment

Assessment Occasion/ type	Weightage in Marks
Seminar	30%
Assignment	20%
CIA	50%
Total	100%


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