

**PANJAB UNIVERSITY CHANDIGARH**  
**(Esttd. under the Panjab University Act VII of 1947-enacted by**  
**the Govt. of India)**

**FACULTY OF ARTS**

SYLLABI

FOR

**DISASTER MANAGEMENT**  
**(ADD-ON COURSE)**  
**CERTIFICATE, DIPLOMA AND ADVANCED DIPLOMA**  
**EXAMINATIONS 2019**

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units of tests, syllabus and courses of reading or Certificate, Diploma Course, Advanced Diploma and Disaster Management (Advanced Course) or the examination of 2019

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CCD I	Fundamentals of Disaster Management	Theory Practical Internal Assessment	3
CCD II	Disasters in India	Theory Practical Internal Assessment	3

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Theory  
Practical  
Internal Assessment  
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o introduce to students to the basic concepts and various types of disasters and educate them on basic disaster management strategies

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- Definition and Concept of Hazard, Risk, Vulnerability and Disaster
- Types and Classification of Disasters

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- Natural Disasters  
Earthquakes, Floods, Cyclones and Cloud burst  
Avalanches, Forest Fire and Tsunami

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- Human Induced Disasters  
Nuclear, Chemical and Industrial Disasters  
Global warming Biological Disasters; Epidemics

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- Disaster Management Planning Concepts, Approaches, Principles, Objectives and Scope
- Essentials of Disaster Management; Institutional and Individual's responsibilities during reconstruction, preparedness, response and recovery phases

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Focus should be on observation, assessment and careful analysis of a range of areas to compare and contrast vulnerability to disasters

1. All compulsory questions containing 5 short type questions covering whole syllabus. All students will attempt any two parts (in about 25-30 words each). Each part shall carry 2 marks (total 10 marks)
2. All compulsory questions shall be divided into units. Eight questions will be set from whole syllabus, two from each unit. All students will be required to attempt one question from each unit. Each question will carry 10 marks (total 100 marks). All shall be liable to attempt compulsory questions.

1. Visit to a school or vulnerability assessment
2. Visit to any Government Hospital to know the disaster management plan
3. Visit to an industrial area to study to assess and analyse risks

1. Based on the visits, students should prepare a report containing the vulnerability assessment of a village, disaster management plan of a hospital and risks of industries.
2. The report should be submitted in two weeks before the examination. The report will be evaluated by a Board of Examiners consisting of two teachers of the course.

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Internal Assess ment

Allow 3 Hours

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- Cas s tub s Kas r Eart qua , 2005 and K arnat Floods, 2003

Q t students s all b xpla n t spat o-t poral and r gonal b ns ons

- 1 Kapur, A. *Disasters in India: Studies of Grim Reality*, Rawat Publications, Jaipur; 2005
- 2 Kapur, Anu. *Vulnerable India: A Geographical Study of Disasters*, Sage Publications India Pvt Ltd, New Delhi, 2000
- 3 Saraswathi, S. and Krishnan, S., *India Disaster Report*, Oxford University Press, New Delhi, 2000

4 Joshi, K. and Kulkarni, S. *Natural Hazards and Disasters*, Department of Geography, Sri Krishnadevaraya University, Anantapur, Andhra Pradesh, India

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2. J. S. Slobodan, S. J. Conovc *Role of Remote Sensing in Disaster Management*, University of Akron, Department of Civil and Environmental Engineering 2002
3. G. S. Foody, J. A. Turner, Duan, J. S. *The SAGE handbook of*



2. All syllabus is divided into units. Eight questions will be set from the syllabus, two from each unit. A student will be required to attempt five questions selected from each unit. Each question will carry 20 marks (total 100 marks). Students will be allowed to attempt compulsory questions.

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1. All questions are compulsory. Questions contain 5 short type questions covering the whole syllabus. Students will attempt any two parts in about 25-30 words. Each part shall carry 2 marks (total 10 marks).

2. The whole syllabus shall be divided into units. Eight questions will be set from the whole syllabus, two from each unit. Students will be required to attempt one question from each unit. Each question will carry 5 marks (total 40 marks). Students will be allowed to attempt any compulsory question.

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1. Anand, A. (2000) *Dastar ana gant*. New Delhi: Anand Publications, New Delhi.

2. Anand, A. K. J., *et al.*, A. Chaturvedi, S. (2012). *Ina Dastar Report 2012*, [http://nib.gov.in/DF/Ina 20 Dastar 20 Report 20 20 12 .pdf](http://nib.gov.in/DF/Ina%20Dastar%20Report%202012.pdf)

3. Collins, L. (2002) *Dastar ana gant and reparations*, Library of Congress, <http://statelibraryofcongress.org>

*Dastar ana gant Act (2005)*

