

**B.A. (Honours) Geography -VI Semester
Disaster Management based Project Work (Practical)**

Syllabus and Guidelines

Practical paper has three sections:

Section	Detail	Allotted Marks
Section A	Theory	25 marks
Section B	Disaster Based Project Report (DPR)	50 marks
Section C	Internal Assessment	25 marks

SECTION A: THEORY

1. Introduction to basic concepts: Disaster, Hazards, Risk, Vulnerability, HRVC Analysis (Hazards-Risk-Vulnerability-Capacity Analysis)
2. Meaning of Disaster Management, Disaster Prevention, Disaster Preparedness, Disaster Relief, Disaster Recovery and Disaster Management Cycle.
3. Role of Community and Government driven disaster management initiatives undertaken in the study area visited during the semester course work.
4. Preparedness Plan of any one of the following disaster base study undertaken during the semester course work:
 - i. Flood
 - ii. Drought
 - iii. Cyclone and Hailstorms
 - iv. Earthquake
 - v. Landslides
 - vi. Fire Hazards
 - vii. Chemical Industrial Accidents

SECTION B: DISASTER BASED PROJECT REPORT (DPR)

Section	Number of Pages	Allotted Marks
DPR 1	40-50	20
DPR 2	40-50	20
DPR 3	20-25	10

1. Both **DPR 1 & DPR 2** are field based studies.
The Field/Study area could be:
 - i. Any Disaster Prone Region Outside Delhi or/and
 - ii. National Capital Region
2. There are two choices with the students for preparing DPR 1 & DPR 2
 - i. To study any two of the following disasters in a same study area:
 - a) Flood
 - b) Drought
 - c) Cyclone and Hailstorms
 - d) Earthquake
 - e) Landslides
 - f) Fire Hazards
 - g) Chemical Industrial Accidents
 - ii. To study any single disaster in two different regions.

3. DPR3

Students have to prepare one Disaster Preparedness Plan of respective College or locality.

GUIDELINES FOR SUBMITTING THE PROJECT

- i. Use A4 size sheets
- ii. Select title of the project in consultation with the Project Supervisor/Co-supervisor
- iii. The cover page should be written in bold letters with the topic, name and roll number.
- iv. Follow the sequence of pages as given below:
 - a. Acknowledgement
 - b. Introduction
 - c. Study Area (Location, Geographical factors and a Map)
 - d. Objectives of the Study
 - e. Data Base & Methodology
 - f. Data Analysis using any Software (GIS/Statistical/Data Base/etc.)
 - g. Findings/Recommendations
 - h. Summary/Conclusion
 - i. References

SECTION C: EVALUATION/ASSESSMENT AND EXAMINATION GUIDELINES

1. Internal Assessment (Assignment + Test + Attendance) (Marks 10+10+5=25)
2. Examination is of 4 hours.
 - i. Theory Examination based on Section A for 25 marks.
 - ii. There will be four questions asked for 25 marks.
 - a) Three 5 marks questions from topic 1, 2 & 3 of Section A.
 - b) One 10 marks question from topic 4 of section A.
 - iii. DPR Report would be evaluated as follows:

SECTION	Number of Pages	Allotted Marks
DPR 1	40-50	20
DPR 2	40-50	20
DPR 3	20-25	10

- a) Report Supervisor/Co-Report Supervisor will assess DPR for 25 marks (10+10+5).
 - b) External and Internal Examiner will
 - i. Conduct Viva -Voce for 05 marks.
 - ii. Assess DPR report for 20 marks
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SECTION B: DISASTER BASED PROJECT REPORT (DPR)

Detailed Project Report (DPR) 1:

DPR 1 should be written between 40 to 50 pages and contains 20 allotted marks.

Identification for the field visit area/study area was done looking at the time and availability of resources. After consultation with the students it was unanimously decided to conduct a field visit to flood affected area of river Yamuna. *Manoli Toki village* of Sonapat, Haryana district was chosen for the field and a map based on satellite imagery was prepared and discussed with the students before the visit of the study area.

A field visit for students was conducted along with supervisors Dr. T. S. Rana and Dr. Prabuddh Mishra on 31st January 2020 to Manoli Toki Village, Sonapat, Haryana. Data and information has been collected through questionnaire, observation, participatory appraisal and photographs by the students. The first-hand information collected by the students was checked and verified and discussed by the supervisors on the same day.

Analysis and interpretation of data: Classes were conducted by the supervisors to guide the students about how to analyse, interpret, and draw inferences from the data collected from the field. Students were also given detailed information and format about the DPR. A date for submission of DPR 1 was decided to 4th March 2020 and only few students submitted their report in hard copy and majority of the students missed the deadline. Students are further advised to prepare and submit their DPR 1 through email/hard copy to respective supervisors without fail at the earliest.

Detailed Project Report (DPR) 2:

DPR 2 should be written between 40 to 50 pages and contains 20 allotted marks.

A field visit to landslide area in Uttarakhand was under consideration for the DPR 2 and itinerary was about to finalised by the supervisors but amidst COVID 19 the proposed field visit was postponed. Looking at the present situation of the COVID 19 pandemic, now it has been decided by the supervisors that students will prepare DPR 2 on the COVID 19.

Tentative Title:

COVID 19 (Coronavirus) as a Medical Disaster and Social Vulnerability (Causes, Impact and Mitigation Strategy in Delhi/NCR)

DPR 2 will be based on secondary data sources and guidelines to be adhered while writing the report. DPR 2 must include maps, figures, data and relevant information and must be analysed in spatio-temporal context. The role of geography in understanding the present health disaster should also be investigated and co-related.

*(*Students are advised not to go outside their homes to collect data however, they can utilise newspaper cuttings/ news clips, radio, information and data from internet and other possible sources to draw inferences about the said project.)*

Detailed Project Report (DPR) 3:

DPR 3 should be written between 20 to 25 pages and contains 10 allotted marks.

DPR 3 focused on Disaster Preparedness Plan (DPP) of the College/nearby locality. Students were guided in the class and a format for the same was discussed about preparation of the DPR 3. Earlier it was decided that a DPP will be submitted for the evaluation. Many students have not visited the college premise as advised by their respective supervisors now I representation from the class was received that the DPR 3 should be changed as students are not able to visit the collage in order to collect data and pictures.

Looking at the severity of the COVID 19, DPR 3 has been put on hold and supervisors will provide the information about the same in due course of time.

Note: Students are advised to prepare DPR 1, DPR 2 and Class Assignment at the earliest and made available through email/hard copy for evaluation purpose. Supervisors are available for any doubt, query and supervision during the preparation of reports and assignment.

Class Assignment:

Class assignments should be written between 15 to 20 pages and contains 10 allotted marks. Assignment must be plagiarism free and contain reference list. Class assignments has to be submitted by all the students through email/hard copy to respective supervisors without fail at the earliest.

Assignment Topic:

Write a detailed account on the basic concept of disaster, hazards, risk and vulnerability. Present HRVC Analysis (Hazards-Risk-Vulnerability- Capacity Analysis) in the disaster framework.

Thanks!

Dr. Tejbir Singh Rana
Dr. Prabuddh K. Mishra
(Supervisor)