

Choice Based Credit System (CBCS): Syllabus in Geography

Semester- 6

❖ *Core Course DSE 1B: Theory- Environmental Geography (Credit 4)*

S.N.	Topic	Teacher
1	Meaning and Classification of Hazards and Disasters.	RH
2	Approaches to hazard study: Risk perception and vulnerability assessment.	RH
3	Responses to hazards: Preparedness, trauma and aftermath. Resilience and capacity building.	RH
4	Hazard mapping: Data and techniques.	RH
5	Earthquake: Causes, Consequences and Management	AB
6	Landslide: Causes, Consequences and Management	AB
7	Cyclone: Causes, Consequences and Management	AB
8	Flood: Causes, Consequences and Management	AB

❖ *Core Course DSE 1B: Practical- Environmental Geography (Credit 2)*

Disaster Management Project Work RH

List of Practical:

An individual Project Report based on any one case study among the following disasters incorporating perception survey and a preparedness plan in the vicinity of the candidate's institution or residence:

Landslide

2. Cyclone

3. Flood

4. Drought

Internal Assessment: 15 (Assessment 10 and Attendance 05)

SEC-4 : Collection, Mapping and Interpretation of Pedological Data Credit: 2

Total Marks: 50 (40+ 10) End Term Examination Time: 4 hours

Pattern of Setting Questions:

3 questions to be answered, each question carries 10 Marks, Total 30 Marks;

Evaluation of Laboratory Note Book -5 Marks;

Viva-Voce - 5 Marks

Internal Assessment: 10 (Assessment 05 + 05) Marks

Mapping and Analysis of Pedological Data

S.N.	Topic	Teacher
1	Soil Sampling Techniques	RD
2	Representation of Soil Texture Data using Ternary Diagram	RD
3	Estimation of Nitrogen using Soil Kit	AB
4	Estimation of Soil pH using Soil Kit	AB
5	Estimation of Soil Organic Carbon using Soil Kit	AB
6	Analysis and Mapping – pH and Organic Carbon	AB