



**FIRST SEMESTER 2022-2023**

Course Handout Part II

29-08-2022

In addition to Part-I (General Handout for all courses appended to the time table) this portion gives further specific details regarding the course.

**Course Number** : HSS F363  
**Course Title** : Disaster and Development  
**Instructors** : Biswanath Dash

**Scope and objective of the course:**

The course has a broad objective of examining linkages between disasters and developmental processes. On one hand it introduces students to the subject of disaster science, an emerging area of specialization. On the other hand, it provides scope to explore not only how disasters are serious setback to development but also how developmental processes inadvertently creates vulnerabilities and engenders disaster risk. The Covid Pandemic with its cascading impact across the globe and over all sections of the society have brought out the significance of a deeper understanding of disaster risk and its adequate mitigation and management. However, disasters unlike the Pandemic are recurring and number of large scale disasters such as Cyclones, Earthquakes, Floods, Wild Fires, and several others in recent times underscore a continual engagement. The Climate Change and its induced impacts have further added to the challenges involved in achieving sustainable development.

**Reading Material:** A set of ten Papers to be uploaded on CMS

**Reference Book**

1. Bankoff, G., Frerks, G. and Hilhorst, H. (2004) (eds) *Mapping Vulnerability: Disasters, Development and People*. Earthscan

**Course Plan:**

Lecture No.	Learning Objectives	Topics to be covered	Chapter in the Text Book
1-2	Gain an overall perspective of the course	Course Structure  Description of evaluation component including course assignment	Course Handout
3-9	Conceptual Clarity and Introduction to Analytical Framework	Disasters, Vulnerability Risk, Resilience; Disaster Risk Management (DRM)	Ref Book/Reading Material



		and Disaster Risk Reduction (DRR) Mitigation, Preparedness, Response, Adaptation etc. Pressure and Release Model; Integrated DRR-CCA Approach Tradeoff approach	
10-15	Examining Disaster-Development Nexus	Cases; Pandemic, Hurricane in Cancun, Mexico; Uttarakhand Flood,	Reading Material
16-19	Risk assessment methods and its limitation	Limitations of damage and loss assessment method Risk assessment tools and their limitations Case Study: Hurricane 'Hayian' Philippines	CMS Reference Papers
20-24	To analyze process of Mainstreaming of Disaster Risk Reduction (DRR) into Development	Mainstreaming frameworks; Policies, Plans and Regulations  Data and modelling limitation  Political and economic consideration: Case studies	CMS Reference papers
25-32	To develop an ability to conduct disaster risk assessment	Multi hazard analysis Vulnerability and Capacity Analysis Risk evaluation, uncertainty and decision making	CMS Reference papers
33-43	To gain skills for Disaster Management Planning	Business Continuity Plan (BCP) Response and recovery planning	CMS Reading material

#### Evaluation Scheme:

Component	Duration	Weightage (%)	Date & Time	Nature of Component
Assignment I		20		Open Book
Mid Semester Test	90 minutes	30	4-11-22 9-10.30	Closed Book
Assignment II- Quiz	15 minutes	15		
Comprehensive Examination	3 hours	35	27-12-2022 FN	Closed Book

**Chamber Consultation Hour:** Thursday 11.00 AM-12.00PM.



**Notices:** Notices, if any, will be displayed on CMS.

**Make-up Policy:** The make-up for an evaluation component will be given only in genuine cases.

**Academic Honesty and Integrity Policy:** Academic honesty and integrity are to be maintained by all the students throughout the semester and no type of academic dishonesty is acceptable.

**Biswanath Dash**

**INSTRUCTOR-IN-CHARGE**

