

**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) and Disaster Risk Reduction (DRR)  Mitigation, Preparedness, Response, Adaptation etc.  Pressure and Release Model;  Integrated DRR-CCA Approach  Tradeoff approach | Ref Book/Reading Material |
| 10-15 | Examining Disaster-Development Nexus | Cases; Pandemic, Hurricane in Cancun, Mexico; Uttarakahnd 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**