

**SECOND SEMESTER 2023-2024**

# Course Handout Part II

09-01-2024

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

*Instructor:* : Biswanath Dash, K 131

**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 Reading 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:**

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| --- | --- | --- | --- |
| **Lecture**  **No.** | **Learning Objectives** | **Topics to be covered** | **Reference Paper/ Text Book Chapters** |
| 1 | Gain an overall perspective of the course | Course Structure  Description of evaluation component including course assignment | Course Handout |
| 2-10 | Conceptual Clarity  Introduction to Analytical Framework | Disasters, Development,  Vulnerability, Risk, Resilience;  Disaster Risk Management (DRM) and Disaster Risk Reduction (DRR)  Mitigation, Preparedness, Response, Adaptation etc. Pressure and Release Model; Integrated DRR-CCA Tradeoff approach | Ref Book/Reading Material |
| 11-15 | Examining Disaster-Development Nexus | Cases; Hurricane in Cancun, Mexico; Delhi Flood 2023;  Kerala Flood etc. | Reading Papers |
| 16-19 | Risk assessment methods and its limitation | Risk assessment tools and their limitations  Case Studies | Reading Papers |
| 20-24 | To examine Mainstreaming of Disaster Risk Reduction (DRR) into Development | Mainstreaming frameworks; Policies, Plans and Regulations  Data and modelling limitation  Political and economic consideration: Case studies | Reading papers |
| 25-32 | To develop an ability to conduct disaster risk assessment | Multi hazard analysis  Climate Risk and Disasters | Reading papers |
| 33-40 | To be exposed to climate change risk and its integration into development | Integration of Disaster Risk Reduction and Climate Change Adaptation | Reading Papers |

**Evaluation Scheme:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Component** | **Duration** | **Weightage (%)** | **Date & Time** | **Nature of Component** |
| Quiz 1 |  | 10 |  | Closed Book |
| Quiz 2 |  | 20 |  | Open Book |
| Mid Semester Test | 90 minutes | 25 | 12/03 - 9.30 - 11.00AM | Closed Book |
| Quiz 3 |  | 15 |  | Closed Book |
| Comprehensive Examination | 3 hours | 30 | 08/05 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**