



Birla Institute of Technology & Science, Pilani
Hyderabad Campus

FIRST SEMESTER 2019-2020

Course Handout Part II

01-08-2019

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
Co-Instructor : Md. Shahid Akhter

Scope and objective of the course:

The course aims at an understanding of the linkages between development and disaster. Recent disasters such as Cyclone Fani in Odisha 2019, and 'Titli, in Andhra Pradesh, 2018, Severe Flood in Kerala, 2018, Chennai, 2015 and Uttarakhand, 2013 etc. have brought to fore the importance of planning and that of disaster risk mitigation. It is also widely recognized that flawed policies and practices of development engender disaster risk, neutralizing gains accrued over a long period of time. Its impact on business triggers a cascading effect, crippling vital functions in the short term and recovery most often is difficult in longer terms. Conversely disasters, while being destructive in nature, also provide opportunities in its aftermath to undertake more sustainable and resilient developmental practices.

Text Book:

1. Papers to be uploaded on CMS
2. 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	Course Handout



		Description of evaluation component including course assignment	
3-9	Introduction to core concepts and key theoretical framework	Disaster, Vulnerability Risk, and Resilience; Disaster Risk Management (DRM) and Disaster Risk Reduction (DRR) Mitigation and Capacity Development	Ref Papers TB Chapter 2
10-15	To examine and reflect on how disasters impact development	Relationship between disaster and development Case Studies of Cyclone Fani and Kerala Flood	TB Chapter 3 Reading Material
16-19	To explore gaps in our understanding and limitation of risk analysis	Limitations of damage and loss assessment method Risk assessment tools and their limitations Case Study: Hurricane 'Hayian' Philippines	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	TB Chapter 5,6, 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	Reference papers
33-39	To gain skills for Disaster Management Planning	Business Continuity Plan (BCP) Response and recovery planning	Reading material



Evaluation Scheme:

Component	Duration	Weightage (%)	Date & Time	Nature of Component
Mid Semester Exam	90 minutes	30	5/10, 3.30 -- 5.00 PM	Closed Book
Assignment 1 & 2		30		Open Book
Comprehensive Examination	3hrs.	40	14/12 AN	Closed Book

Chamber Consultation Hour: Thursday 11-12. Room No. K 131, Department of Humanities and Social Sciences, BITS Pilani, Hyderabad Campus

Notices: Notices, if any, will be displayed on Department Notice Board and CMS.

Make-up Policy: The make-up for an evaluation component will be given only in genuine cases. In health related issues student has to bring a letter from warden as per the latest SWD guidelines.

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

