



# **Birla Institute of Technology & Science, Pilani**

Hyderabad Campus

## **SECOND SEMESTER 2018-2019**

### Course Handout Part II

Date: 07-01-2019

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

- 1. Course Number: HSS F363**
- 2. Course Title: Disaster and Development**

**3. Instructor: Biswanath Dash**

Room No. C 212, Department of Humanities and Social Sciences,  
BITS Pilani, Hyderabad Campus

**4. COURSE DESCRIPTION**

The course aims at an understanding of the linkages between development and disaster. Recent disaster such as Cyclone Titli, Andhra Pradesh, 2018, Severe Flood in Chennai, 2015 and in 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 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.

**5. Text Book:**

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

Papers to be uploaded on CMS

**6. Course Plan:**

Lecture	Learning Objectives	Topics to be covered	Chapter in the
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No.			Text Book
1-2	Gain an overall perspective of the course	Course Structure Description of course assignment	Course Handout
3-8	Introduction to core concepts and key theoretical framework	Disaster, Vulnerability Risk, and Resilience; Disaster Risk Management Risk mitigation and Capacity Development	Handout
9-18	To examine and reflect on how disasters impact development	Relationship between disaster and development Damage and Loss: Method of assessment Case studies: Cyclone Titli and Gaja	TB Chapter 2 and 3  Reading Material
19-25	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 5,6,7,8,12 Reading material
26-32	To develop an ability to conduct disaster risk assessment	Multi hazard analysis Vulnerability and Capacity Analysis Risk evaluation, uncertainty and decision making	TB Chapter 9 and 13 Reading Material
33-39	To gain skills for Disaster Management Planning	Business Continuity Plan (BCP) Response and recovery planning	Reading material

## 8. Evaluation Scheme:

EC No.	Evaluation Component (EC)	Duration	Weightage	Date, Time and Venue	Nature of Component
1.	Mid Semester Exam	90 minutes	30%	14/3 9.00 - 10.30AM	Closed Book
2	Assignment 1 & 2		30%		Open Book
4.	Comprehensive Examination	180 minutes	40%	08/05 FN	Closed Book

9. **Course Notices:** Notices, if any, will be displayed on Department Notice Board and CMS.
10. **Plagiarism:** Please be aware that cutting and pasting from websites is considered plagiarism. Students are advised to document all sources. If you are not sure that you need to document a source, please ask the instructor. Any hint of plagiarism in an assignment will fetch a zero.
11. **Chamber consultation:** Thursday 10-11.
12. **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**