



SECOND SEMESTER 2020-21
Course Handout Part II

Date: 16-1-2021

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 No. : GS F212
Course Title : Environment, Development and Climate Change
Instructor-in-Charge : Biswanath Dash, Room No. K 118 biswanath@hyderabad.bits-pilani.ac.in

Scope and Objective of the Course:

The objective of the course is to make the students aware of the debates and issues relating to environment, development and climate change. The goal is to enable learners to appreciate environmental problems, their causes and related policies. It focuses on energy, water, food security etc. and their interconnectedness with global climate change and the corresponding debates at the national and international level. The scope of the course includes discussion on regulatory approaches, mitigation and adaptation strategies and recent initiatives being undertaken at various levels towards achieving sustainability. This course will be useful for students for a variety of purposes such as to gain clarity on challenges of climate change to global communities, importance of adaptation including that of industries and nature of climate science and its role in policy formulation.

Textbook:

1. Rangarajan, Mahesh. 2006. *Environmental Issues in India: A Reader*. New Delhi: Pearson Education India

Reference Papers to be uploaded on CMS

Course Plan:

Lecture No.	Learning objectives	Topics to be covered	Chapter in the Text Book
1	To gain an overview of the course	Learning Objectives, Evaluation Components	Course Handout
2-11	To understand the relationship between Environment and Development	Relationship between Environment and Development, Environmental Philosophy and Ethics, Sustainable Development	TB Chapter 8, CMS Reference Papers
12-20	To examine historical evolution and the role of environmental movement in India	Early concerns, Environmental Activism and Social Movement, Impact of Environmental Movement on India's Policies, Regulatory Frameworks and their effectiveness	TB Chapter 22,24, CMS Reference Papers
21-30	To learn about the	Introduction to climate change, prediction and	CMS Reference



	effects of Climate Change and its relationship with Development	policy uncertainty, Implication in terms of impact on Agriculture, Fisheries, Food Security, Health, Infrastructure, Industries	papers
31-34	To learn and be aware of importance of International Negotiation and Agreement	Climate Treaties and Politics, COP, Paris Agreement etc.	CMS Reference Materials
35-43	To analyze various policies and strategies related to Climate Change Adaptation	Difference between mitigation and adaptation, policy and adaptation strategies, Disaster Risk Reduction, Resilience	TB Chapter 26, CMS Ref. Materials

Evaluation Scheme:

Component	Duration	Weightage (%)	Date & Time	Nature of Component
Assignment	TBA	35	TBA	Open Book
Mid-Semester	90 minutes.	30	04/03 3.30 - 5.00PM	Open Book
Comprehensive examination	120 minutes.	35	12/05 AN	Open Book

Chamber Consultation Hour: Thursday 10-11. A Google link will be shared on CMS for consultation

Notices: Notices, 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

