



FIRST SEMESTER 2024-25

Course Handout (Part II)

Date: 16.08.2024

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 No. : GS F212
Course Title : Environment, Development and Climate Change
Instructor-in-charge : Dr. Lavanya Suresh
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Whatsapp group invite: <https://chat.whatsapp.com/KlH5g2s37YTK3WozGDpFjc>

Scope and Objective of the Course: This course focuses on the concepts of environment, development, and climate change in the contemporary world. This course focuses on the nature and causes of environmental problems in developing countries. Attention is given to both the causes and solutions of environmental problems and the role of state and non-state actors interacting at local, national and global scales. 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 of this course is for the learners to appreciate the people-environment relations and to understand the anthropocentric dynamics of development and climate change.

Text Books (TB):

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

Please Note: This is a reading intensive course.

Reference books (Ref):

- Adams, W.M. 2009. *Green Development: Environment and Sustainability in a Developing World*. 3rd Edition. New York: Routledge
- Krishnan, R., Sanjay, J., Gnanaseelan, C., Mujumdar, M., Kulkarni, A., & Chakraborty, S. 2020. *Assessment of Climate Change over the Indian Region: A Report of the Ministry of Earth Sciences (MoES)*, Government of India.
- Adve, Nagraj. 2022. *Global Warming in India: Science, Impacts, and Politics*. Bhopal: Eklavya Foundation

Articles and reports:

- Lele, Sharachchandra M. 1991. Sustainable Development: A Critical Review. *World Development* 19 (6):607-621
- Kidd, C. V. 1992. The evolution of sustainability. *Journal of Agricultural and Environmental Ethics*, 5(1), 1-26.
- Intergovernmental Panel on Climate Change (IPCC). 2014: *Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Geneva: IPCC
- Agarwal, Anil and Narain, Sunita. 1991. *Global Warming in an Unequal World: A Case of Environmental Colonialism*. New Delhi: Centre for Science and Environment



- e) Zwarteveen, M. 2015. Regulating water, ordering society: practices and politics of water governance. *Inaugural Lecture, University of Amsterdam*.
- f) Documentaries

Course Plan:

Lecture No.	Learning Objectives	Topics to be covered	Chapter in the text book
Module 1			
1-5	Understand the scope and significance of the concept of sustainable development	Sustainable development, sustainability, population dynamics	<i>Ref book a:</i> Chapter 1, 2, 3 and 4 <i>Article a:</i> Lele, Sharachchandra
6-10	Acquaint students with the counter currents to sustainable development	Population, resources and sustainability; Counter currents to sustainable development	<i>Ref book a:</i> Chapter 5, 6 and 7 <i>Article b:</i> Kidd, C. V. (1992).
Module 2			
11-13	Critically analyse sustainability, policies, environmental movements	Sustainability and policies, Environmental movements, Environment and development	TB: Introduction, Chapter 8
14-16	Analyse and evaluate the problems of food security and poverty	Case Study: Food security, poverty, impact and solutions in India	TB: Chapter 11
17-20	Examine the theory of commons	Common Property Resource and the Rural Poor	TB: Chapter 14 and readings on CMS
21-23	Appraise and assess water resources and traditional practices	Case study: Water conservation	<i>Article e:</i> Zwarteveen, M. 2015
24-26	Analyse and evaluate case studies on environment, development and climate change	Case Studies: Gender Environment, Sacred Groves, Ecological conflicts	TB: Chapter 19, 21, 22
Module 3			
27-33	Discuss and assess climate change	Development and climate change; Review of international climate negotiations such as Kyoto, Copenhagen and other declarations	<i>Article c:</i> Intergovernmental Panel on Climate Change (IPCC) report. 2014
34-40	Discuss and assess the concept of vulnerability, risk and adaptation in the regional context	Climate change models; Regional, national and international climate debates; Technology and greenhouse gas emissions; Regional impacts of climate change and adaptation strategies	<i>Ref book b:</i> Krishnan, R (2020) <i>Article d:</i> Agarwal, Anil and Narain, Sunita. 1991.

Evaluation Scheme:



Component	Duration	Weightage (%)	Date & Time	Nature of Component
Assignment	NA	15	TBA	Open Book
Class Participation	NA	10	Discussed in Class	Open Book
Mid-semester Exam	90 Minutes	35	In Timetable	Closed Book
Comprehensive Exam	3 Hrs	40	In Timetable	Closed Book

Important – Minimum pass-mark criteria for getting a valid grade:

The minimum criteria required to secure a valid grade by a student registered in the course is 20% of the entire evaluation, including attendance of the comprehensive examination.

Chamber Consultation Hour: Will be announced on CMS. You may also set up a meeting with me via email for one on one consultation.

Notices: Notices will be displayed on CMS only

Make-up: 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

Dr Lavanya Suresh
INSTRUCTOR-IN-CHARGE

