

**Course Title**

**HY5CRT 10 – ENVIRONMENTAL STUDIES & HUMAN RIGHTS IN HISTORICAL OUTLINE**

**Module 1**

**Environmental Studies: An Introduction**

What is Environmental Studies? – Nature of Environmental Studies – Definition, Scope and Importance – Natural Resources: Renewable and Non-renewable – Forest Resources, Water Resources, Mineral Resources, Food Resources, Energy Resources and Land Resources – Concept, Structure and Functions of Ecosystems

**Module 2**

**Bio-Diversity, Social Issues and the Environment**

Introduction to Bio-diversity – Value of Bio-diversity – Threats to Bio-diversity: Habitat Loss, Poaching of Wildlife and Man-Wildlife Conflicts – Define Environmental Pollution – Causes, Effects and Control Measures of Air Pollution, Water Pollution, Soil Pollution, Marine Pollution, Noise Pollution, Thermal Pollution and Nuclear Hazards – Solid Waste Management: Causes, Effects and Control Measures of Urban and Industrial Waste

**Module 3**

**Introduction to Environmental History**

**Unit 1 – Historical Outline** – Environmental History and its Relations with Environmental Studies – Scope of Environmental Studies in History- Interdisciplinary Nature.

**Unit 2 – Roots of Environmental Crisis** – Four Modes of Resource Use: Hunting-Gathering, Nomadic Pastoralism, Settled Agriculture and Industrial Phase

**Unit 3 – Forest Resources: Colonial Phase** – Use and Over-Exploitation, Forest Laws in British India- Concept of Scientific Forestry- Alienation of Adivasis from Forests – Hunting and Impact on Wildlife.

**Module 4**

**The Post-Colonial Developments on Environment**

**Unit 1 – Post Colonial Scenario** – The Developmental Drive: Industrialization, Dams and Mines – Tribal Struggles.

**Unit 2 – The Struggles from the Margins** – Land alienation and Tribal Protest Movements- its Strategies and Ideology.

**Unit 3 – Environmental Movements:** Chipko, Narmada Bachao Andolan, the Silent Valley and Plachimada Issues – Women and Environmental Struggles

## Module 5

### Unit 1 - Human Rights

An Introduction to Human Rights, Meaning, concept and development –History of Human Rights-Different Generations of Human Rights- Universality of Human Rights- Basic International Human Rights Documents - UDHR, ICCPR, ICESCR.-Value dimensions of Human Rights

### Unit 2 - Human Rights and United Nations

Human Rights co-ordination within UN system- Role of UN secretariat- The Economic and Social Council- The Commission Human Rights-The Security Council and Human rights-The Committee on the Elimination of Racial Discrimination- The Committee on the Elimination of Discrimination Against Women- the Committee on Economic, Social and Cultural Rights- The Human Rights Committee- Critical Appraisal of UN Human Rights Regime.

### Unit 3- Human Rights National Perspective

Human Rights in Indian Constitution – Fundamental Rights- The Constitutional Context of Human Rights-directive Principles of State Policy and Human Rights- Human Rights of Women-children –minorities- Prisoners- Science Technology and Human Rights- National Human Rights Commission- State Human Rights Commission- Human Rights Awareness in Education.

## REFERENCES

### Module 1 and 2

1. Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
2. Clark.R.S., Marine Pollution, Clarendon Press Oxford (Ref)
3. Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001 Environmental Encyclopedia, Jaico Publ. House. Mumbai. 1196p .(Ref)
4. Dc A.K.Environmental Chemistry, Wiley Eastern Ltd.(Ref)
5. Down to Earth, Centre for Science and Environment (Ref)
6. Heywood, V.H & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge University Press 1140pb (Ref)
7. Jadhav.H & Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
8. Mekinney, M.L & Schock.R.M. 1996 Environmental Science Systems & Solutions. Web enhanced edition 639p (Ref)
9. Miller T.G. Jr., Environmental Science, Wadsworth Publishing Co. (TB)
10. Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)
11. Rao.M.N & Datta.A.K. 1987 Waste Water treatment Oxford & IBII Publication Co.Pvt.Ltd.345p (Ref)
12. Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
13. Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut (Ref)
14. Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell Science (Ref)

## BA HISTORY – SEMESTER 5

15. Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards, Vol I and II, Enviro Media (Ref)
16. Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (Ref)
17. Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p (Ref)

(M) Magazine (R) Reference (TB) Textbook

### Modules 3&4

1. Gadgil, M. and R.Guha, 1992, *This Fissured Land: An Ecological History of India*. Delhi: Oxford University Press.
2. Worster, D, ed, 1988, *The Ends of the Earth: Perspectives on Modern Environmental History*. New York: Cambridge University Press.
3. Habib, Irfan, 2010, *Man and Environment: The Ecological History of India*, Aligarh: Tulika
4. Rangarajan, Mahesh and K.Sivaramakrishnan, eds, 2011, *India's Environmental History: Volumes 1 and 2*. Delhi: Permanent Black.
5. Rangarajan, Mahesh, 2001, *India's Wildlife History: An Introduction*. Delhi: Permanent Black.
6. Gadgil, Madhav, 1995, *Ecology and Equity: The Use and Abuse of Nature in Contemporary India*, Delhi.
7. Baviskar, Amita, 1995, *In the Belly of the River: Tribal Conflicts over Development in Narmada Valley*. Delhi: Oxford University Press.
8. Baviskar, Amita, ed.2008, *Contested Waterscapes*: Delhi, Oxford University Press.
9. Guha, Ramachandra, 1989, *The Unquiet Woods: Ecological Change and Peasant Resistance in the Himalaya*. Delhi: Oxford University Press.

### Human Rights (Module 5)

1. Amartya Sen, *The Idea Justice*, New Delhi: Penguin Books, 2009.
2. Chatrath, K. J.S., (ed.), *Education for Human Rights and Democracy* (Shimla: Indian Institute of Advanced Studies, 1998)
3. *Law Relating to Human Rights*, Asia Law House, 2001.
4. Shireesh Pal Singh, *Human Rights Education in 21st Century*, Discovery Publishing House Pvt.Ltd, New Delhi,
5. S.K.Khanna, *Children And The Human Rights*, Common Wealth Publishers, 1998. 2011.
6. Sudhir Kapoor, *Human Rights in 21st Century*, Mangal Deep Publications, Jaipur, 2001.
7. United Nations Development Programme, *Human Development Report 2004: Cultural Liberty in Today's Diverse World*, New Delhi: Oxford University Press, 2004.