

Core Course 15: ENVIRONMENT MANAGEMENT AND HUMAN RIGHTS

(CO5CRT15)

Applicable for B Com Model I, II and III

Instructional Hours: 90

Credit: 4

Objectives- To create an awareness regarding natural resources, environmental aspects and management, legislations involved and also provide an awareness on Human Rights

Module I - 20 Hours

Unit 1: Environmental Studies- Environmental Studies-Introduction-Definition-scope and Importance.

Unit 2: Natural Resources: Renewable and non-renewable resources: Natural resources and associated problems.

Forest resources: Use and over-exploitation, deforestation-General Conservation strategies

Water resources: Use and over-utilization of surface and ground water, water conservation, watershed management, rainwater harvesting , dams-benefits and problems.

Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources,

Food resources : World food problems, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.

Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources,

Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification

Unit 3: Ecosystems- Concept -Structure and function - Energy -Food chains, food webs Ecological pyramids-Introduction, types, features, structure and function

Module II - 25 hours

Unit 1: Biodiversity - Introduction –types and importance- India as a mega-diversity nation- Bio diversity Hot-spots -Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts- concept of threatened fauna , IUCN categorisation and red list - Endangered and endemic species of India,

Conservation - *In situ* and *ex situ* conservation, protected area concept-National Park, wildlife sanctuary, biosphere reserves and community reserves, botanical gardens and zoos

Global environmental issues- ozone depletion, global warming, greenhouse effect, climate change, acid rain, nuclear accidents

Local environmental issues- landscape alteration, quarrying, sand mining, coastal erosion, degrading of mangroves and wetlands, Ramsar sites

Disaster and Disaster management- floods, earth quakes, cyclone and landslides- Need for disaster management – Disaster Management in India

Unit 2: Pollution- air, water, soil, noise, thermal and nuclear- control measures, role of individuals in prevention of pollution -Issues relating to solid and electronic waste disposal.

Unit 3: Environmental laws in India (*brief overview only- the objectives and key provisions only*) Environment Protection Act, Air (Prevention and control of Pollution) Act, Water (Prevention and control of Pollution) Act, Wildlife Protection Act, Forest Conservation Act, issues involved in enforcement of environmental legislation. –

Sustainable development- Concept, , UN and sustainable development goals

Module – III (15 Hours)

Recent developments in the filed of Commerce and Management relating to environment

-**Green Accounting**- Meaning- History- Scope and Importance- Importance- Advantages and limitations-

Green Banking- Meaning- benefits- coverage- steps in green banking- environmental risks for banks- Green banking initiatives- International initiatives- Initiatives in India-

Green Marketing- Meaning- Need and benefits- Challenges- Green marketing in India- Green washing and consequences-

Eco tourism- significance- eco tourism activities in India- Opportunities and challenges –

Environmental audit- concept- need and scope

Carbon credit and carbon exchanges (over view only) -

Module – IV (12 Hours)

Right to Information Act 2005- Basic terms- Public authority- Competent authority- Appropriate Government- Third Part- Information – record- Right to information- Objectives of the Act-Features of the Act- Obligation of Public authority- Procedure for request of information- time limit- fee- ground of rejection- appeal- exemption from disclosure- Right to access information on specific issues- Banking transactions, insurance transactions, government dealing and related services

Module - V (18 Hours)

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 Womenchildren–minorities- Prisoners- Science Technology and Human Rights- National Human Rights Commission- State Human Rights Commission- Human Rights Awareness in Education.

Assignment may include Field study involving

- Visit to a local area to document environmental grassland/ hill /mountain
- Visit a local polluted site – Urban/Rural/Industrial/Agricultural Study of common plants, insects, birds etc
- Study of simple ecosystem-pond, river, hill slopes, etc

Suggested Readings and references

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)
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)
18. (M) Magazine (R) Reference (TB) Textbook
19. Amartya Sen, The Idea Justice, New Delhi: Penguin Books, 2009.
20. Chatrath, K. J.S., (ed.), Education for Human Rights and Democracy (Shimla: Indian Institute of Advanced Studies, 1998)

21. Law Relating to Human Rights, Asia Law House,2001.
22. Shireesh Pal Singh, Human Rights Education in 21st Century, Discovery Publishing House Pvt.Ltd, New Delhi,
23. S.K.Khanna, Children And The Human Rights, Common Wealth Publishers,1998. 2011.
24. Sudhir Kapoor, Human Rights in 21st Century,Mangal Deep Publications, Jaipur,2001.
25. United Nations Development Programme, Human Development Report 2004: Cultural Liberty in Today's Diverse World, New Delhi: Oxford University Press, 2004.
26. Monica Loss,,Green Marketing Strategies and Consumer Behaviour, Global Vision Publishing House
27. Robert Dahlstrom- Green Marketing:Theory, Practice and Strategies, Cengage Learning India Private Limited
28. A N Sarkar , Green Banking , Atlantic Publishers
29. Thomas Aronsson and Karl Gustaf Lofgren, Edgar Handbook of Environmental Accounting, Elgar Publishing.
30. M. Sarngadharan and G. Raju , Tourism and Sustainable Economic Developments: Indian and Global Perspectives – New Century Publishers
31. ICAI Study Material of Auditing
32. Right to Information Act, 2005
33. Basic Documents in Human Rights –Ian Brownlie
34. Universal Human Rights in Theory & Practice –Jack Donnelly
35. Future of Human Rights –Upendra Baxi
36. Understanding Human Rights –An overview –O.P.Dhiman
37. Referring Human Rights –D.P.Khanna.
38. Human Rights in India Historical and Political Perspectives-Chiranjivi .J.Nirmal.
39. Human Rights in post colonial India –Edited by Om Prakash Dwivedi and V.G.Julie Rajan