

SEMESTER V
CORE COURSE - FASHION DESIGN AND TECHNOLOGY
FT5CRT26 – ENVIRONMENTAL STUDIES AND HUMAN RIGHTS [T]

Credits – 4 (Theory-5)

No. of contact hours – 90

Objectives

- Environmental Education encourages students to research, investigate how and why things happen, and make their own decisions about complex environmental issues by developing and enhancing critical and creative thinking skills. It helps to foster a new generation of informed consumers, workers, as well as policy or decision makers.
- Environmental Education helps students to understand how their decisions and actions affect the environment, builds knowledge and skills necessary to address complex environmental issues, as well as ways we can take action to keep our environment healthy and sustainable for the future. It encourages character building, and develops positive attitudes and values.
- To develop the sense of awareness among the students about the environment and its various problems and to help the students in realizing the inter-relationship between man and environment and helps to protect the nature and natural resources.
- To help the students in acquiring the basic knowledge about environment and the social norms that provides unity with environmental characteristics and create positive attitude about the environment.

Contents

Module I **20 Hrs**

Eco system and Natural Resources: Definition & Concept of Environment

- Components of Environment: Atmosphere, Hydrosphere, Lithosphere - Natural Resources: Definition, Land, Water, Minerals, Energy, Forest, Food - Biodiversity.

Module II **14 Hrs**

- Ecosystem- Concept, Structure and Function – Types: Forest, Grassland, Desert,

Aquatic.

Module III

16 Hrs

Environmental Pollution

- Types, Causes, Consequences and Remedies: Air & Odour Pollution – Water & Soil Pollution – Noise & Thermal Pollution – Radioactive Pollution – Climate Change – Waste Management & Alternative (Renewable) Sources of Energy – Sustainable Development.

Module IV

20 Hrs

- Ecofriendly textiles: Introduction and characteristics.
- Types – Organic Cotton, Bamboo, Hemp, Soy Silk, Tencel, Ramie
- Ecofriendly dyes and auxiliaries used in Textile Industry.
- Environmental Impacts of Clothing Industry
- Ethical issues in Fashion: Sustainable Production, Child labour, low wages, health and safety risk, environmental degradation animal cruelty.
- Eco labeling and Eco Standards: ISO14000, Eco Tex, Eco Mark, CRI Green Label, Better Cotton Initiative.

Module V

20 Hrs

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
- 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.
- 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.

Suggested Readings:

- Bharucha Erach, Text Book of Environmental Studies for undergraduate Courses. University Press, IInd Edition 2013 (TB)
- Clark.R.S., Marine Pollution, Clanderson Press Oxford (Ref)
- Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001 Environmental Encyclopedia, Jaico Publ. House. Mumbai. 1196p .(Ref)
- Dc A.K.Environmental Chemistry, Wiley Eastern Ltd.(Ref)
- Down to Earth, Centre for Science and Environment (Ref)
- Heywood, V.H & Watson, R.T. 1995. Global Biodiversity Assessment, Cambridge University Press 1140pb (Ref)
- Jadhav.H & Bhosale.V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284p (Ref)
- Mekinney, M.L & Schock.R.M. 1996 Environmental Science Systems & Solutions. Web enhanced edition 639p (Ref)
- Miller T.G. Jr., Environmental Science, Wadsworth Publishing Co. (TB)
- Odum.E.P 1971. Fundamentals of Ecology. W.B. Saunders Co. USA 574p (Ref)
- Rao.M.N & Datta.A.K. 1987 Waste Water treatment Oxford & IBII Publication Co.Pvt.Ltd.345p (Ref)
- Rajagopalan. R, Environmental Studies from crisis and cure, Oxford University Press, Published: 2016 (TB)
- Sharma B.K., 2001. Environmental Chemistry. Geol Publ. House, Meerut (Ref)
- Townsend C., Harper J, and Michael Begon, Essentials of Ecology, Blackwell
- Science (Ref)
- Trivedi R.K., Handbook of Environmental Laws, Rules Guidelines, Compliances and Stadards, Vol I and II, Enviro Media (Ref)
- Trivedi R. K. and P.K. Goel, Introduction to air pollution, Techno-Science Publication (Ref)
- Wanger K.D., 1998 Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p (Ref)

Human Rights

- Amartya Sen, The Idea Justice, New Delhi: Penguin Books, 2009.
- Chatrath, K. J.S., (ed.), Education for Human Rights and Democracy (Shimla: Indian Institute of Advanced Studies, 1998)
- Law Relating to Human Rights, Asia Law House,2001.

- Shireesh Pal Singh, Human Rights Education in 21st Century, Discovery Publishing House Pvt.Ltd, New Delhi,
- S.K.Khanna, Children And The Human Rights, Common Wealth Publishers,1998. 2011.
- Sudhir Kapoor, Human Rights in 21st Century,Mangal Deep Publications, Jaipur,2001.
- United Nations Development Programme, Human Development Report 2004: Cultural Liberty in Today's Diverse World, New Delhi: Oxford University Press, 2004.