

# *Environment Awareness*

*As per NEP-2020*

## **Syllabus**

**(w.e.f. 2024-25)**

# SNDT Women's University, Mumbai

**Under Graduate**

**Value Education Course (VEC)**

**Course Title: Environment Awareness**

**Course Credit: 02**

**Duration: 30 hours**

**Marks: 50**

**Mode: Offline / Online**

<b>Course Title</b>	<b>Environment Awareness</b>
<b>Course Credits</b>	<b>2</b>
<b>Course Outcomes</b>	After going through the course, learners will be able to
	Associate the role of environment in man-environment relationship and critically analyse the necessity of environment awareness in society.
	Create awareness about the environmental issue and the role of pollution act in the conservation of resources.
<b>Module 1 : Environment and Ecosystem</b>	
<b>Learning Outcomes</b>	Assess the relationship among ecosystem components and its importance in environmental sustainability.
<b>Content Outline</b>	<p><b>1. Environment and Ecosystem</b></p> <p>1.1 Environment –Meaning of Environment, Types of Environment, Components of Environment,</p> <p>1.2 Man- Environment relationship, importance of environment, Need for Public Awareness</p> <p>1.3 Ecosystem-Meaning, Major Components of Ecosystem</p> <p>1.4 Case studies of Forest Ecosystem, Grassland Ecosystem, Desert Ecosystem, Aquatic Ecosystem</p> <p>1.5 Stability of Ecosystem in Sustainable Environment</p>
<b>Module 2 : Environment Pollution</b>	

<b>Learning Outcomes</b>	Create awareness about the different pollution and pollution act.
<b>Content Outline</b>	<p><b>2. Environment Pollution</b></p> <p>2.1 Definition of Pollution, Types of Pollution</p> <p>2.2 Air Pollution-Meaning, Sources, effects of air pollution, Air Pollution Act</p> <p>2.3 Water Pollution – Meaning, Sources, Effects of Water pollution, Water Pollution Act</p> <p>2.4 Noise Pollution – Meaning, Sources, Effect of Noise Pollution</p> <p>2.5 Solid Waste Pollution – Meaning, sources, Effect of Waste Pollution</p> <p>2.6 Environment Protection Act – Air (Prevention and control of Pollution)Act, Water Act (Prevention and control of Pollution) Act , Solid waste Pollution Act in India</p>

### **Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)**

- |                                       |          |
|---------------------------------------|----------|
| 1. Seminar / Group Discussion :       | 15 Marks |
| 2. Home Assignments/Group Activities: | 15Marks  |
| 3. Report writing of field work:      | 20 Marks |

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**Internal Assessment      Total :      50 Marks**

### **References:**

- Agarwal, D.P. (1992): *Man and Environment in India through Ages*, Books & Books, New Delhi.
- Arthur N. Strahler and Alan H. Strahler (1973 1<sup>st</sup> Ed): "*Environmental Geoscience – Interaction between natural systems and man*", Wiley International Ed.
- Balakrishnan, M., 1998: *Environmental Problems and Prospects in India*, Oxford & IBH Pub., New Delhi.
- Barrow, C. J. (2003): *Environmental Change and Human Development*. Arnold Publication.

- Bhaduri, S., and Basu, R. (2006): *Society Development and Environment*. Progressive Publishers.
- Blowers, Andrews, (1993): "*Planning for a sustainable Environment*," Earthscan Publication, London.
- Botkin, D.B., and Keller, E.A. (2013): *Environmental Science*, Wiley, New Delhi
- CSE. (2017): *Environment Reader for Universities*. New Delhi: Centre for Science and Environment.
- Divan S. and Rosencranz A. (2005), "Environmental Law and Policy in India", 2 nd ed., Oxford, New Delhi.
- Ehrlich, P.R. and Ehrlich, A.H. (1996): *Eco-science: Population, Resources and Environment*, W.H. Freeman and Company, San Francisco.
- Goel R.S., (2000): *Environment Impacts Assessment of Water Resources Projects- Concerns, Policy Issues Perceptions and Scientific Analysis*, Oxford & IBH Publishing Co. Pvt. Ltd, New Delhi.
- Gole, P., (2001): *Nature Conservation and Sustainable Development in India*, Rawat Pub., Jaipur
- Hussain, M., (ed. 1996): *Environmental Management in India*, Rawat Pub., Jaipur
- Kamala S. and Singh U.K. (eds.) (2008) "Towards Legal Literacy: An Introduction to Law in India", Oxford, New Delhi.
- Kates, R.W. & Burton, I (ed. 1986): *Geography, Resources and Environment*, Vol I & II, University of Chicago Press, Chicago,.
- Savindra Singh (2004): *Environmental Geography*, Prayog Pustak Bhawan, Allahabad, India.
- Shyam Diwan and Armin Rosencranz,(2001), "*Environmental Law and Policy in India- Cases, Materials and Statutes*",2nd ed.P.
- Smith, K. (2001): *Environmental Hazards: Assessing Risk and Reducing Disaster*, Routledge
- Stahler, A.N. and Stahler A.N. (1997): *Geography and Man's Environment*, John Wiley and Sons, New York
- Winin Pereira and Jeremy Sea Brook (1996): "*The spread of unsustainable development*" The Other India Press Mapusa 403507, Goa, India.
- Wright, R.T. and Boorse, D.F. (2011): *Environmental Science: Toward A Sustainable Future*, PHI Learning Private Limited, New Delhi