



# CLUSTER UNIVERSITY SRINAGAR

Subject: EDUCATION

Syllabus for U.G (Hons.) Semester 4<sup>th</sup>

(CT-03)

**Course Title: ENVIRONMENTAL EDUCATION**

**Course Code: UGEDU22J403**

**Credits: 06 (Theory=04, 60 Hours)**

**(Practicum=02, 30 Hours)**

**Max. Marks: 150 (100+50)**

## **Expected learning outcomes**

- The Course content shall help the learners to explore the knowledge of environmental education and it's Importance in present life.
- Shall make the students to understand the environmental hazards & its consequences in our day to day life.
- Shall develop environmental awareness & ethics among the learners that promote an understanding of the ecological interdependence of the social & economic spheres.
- Shall help the learners to understand various environmental legislations.
- Shall help the learners to get practical knowledge about the environment

## **Unit-I Environmental Education and Natural Resources**

- a. Meaning, need & importance of Environmental Education
- b. Objectives and scope of Environmental Education
- c. Concept of Sustainable Development, role of natural resources in Sustainable Development

## **Unit-II Environmental Concerns**

- a. Water pollution: causes, consequences and remedial measures.
- b. Air pollution: causes, consequences and remedial measures.
- c. Soil pollution: causes, consequences and remedial measures.

## **Unit-III Environmental Awareness**

- a. Role of Education in environmental awareness.
- b. Values & ethics related to the environment.
- c. Plans and projects for environmental protection like Save Dal, Save Hangul, Save Tiger Project, & Chipko Movement

## **Unit-IV Environmental legislations in India**

- a. The Water (Prevention and Control of Pollution) Act of 1974
- b. The Air (Prevention and Control of Pollution) Act of 1981
- c. The Environment (Protection) Act of 1986

**Practicum (2 Credits: 30 Hours)**

**Max. Marks: 50**

**Min. Marks: 20**

**Unit-V**

- a. Visit to places of environmental issues in UT of J&K (Brick kilns, Dumping & recycling sites etc) & prepare a brief report.
- b. Seminar presentation on any topic in syllabus & viva voce

**Unit-VI**

- a. Visit to place of environmental significance & prepare a brief report (Hokersar, Dachigham, Wular, Hygam Wetland conservation).
- b. Preparation of key terms/ glossary at least 20.

**References:**

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- **Bondurant, J. V. (1996).** Teaching tolerance: Raising open-minded, Emphatic Children. New York: Doubleday.
- **Carson, S. M. (1978).** Environmental Education- Principles and Practices: Edward Arnold Publishers.
- **Kaushik, A.,& Kaushik, C. P.(2019).** Perspectives in Environmental Studies. (7th Ed.).New Age International Publishers
- **Makol, R., & Makol, L. (2019).** Environmental Education. Kala Mandir Publisher.
- **NCERT (1981),** Environmental Education at school level.
- **NCERT (2006).** Position paper on Habitat & Learning, New Delhi: National Council for Educational Research and Training
- **Pedretti, E. (2003).** Teaching Science, Technology, Society and Environment (STSE) Education. In The Role of Moral Reasoning on Socio-scientific Issues and Discourse in Science Education. Science and Technology Education. Vol. 19, 219-239.
- **Reddy, G. L. (2015).** Textbook on Environmental Education. Discovery Publishing House PVT Limited.
- **Sharma, R. A. (2008).** Environmental Education. Meerut: R. Lall Books Depot.
- **Sharma, B. L., & Maheswari, B. K. (2008).** Education for Environmental and HumanValue. Meerut: R. Lall Books Depot.