

CLUSTER UNIVERSITY OF JAMMU

SYLLABUS – SEMESTER – 4th –M.Ed.

(GENERIC COURSE - THEORY)

(EXAMINATION TO BE HELD IN 2024, 2025 AND 2026)

TITLE: ENVIRONMENTAL EDUCATION

COURSE CODE: 6EVEDE0403

CREDITS: 04

DURATION OF EXAMINATION

TOTAL: 100 Marks

MINOR TEST: 01 Hour

MINOR TEST: 40 Marks

MAJOR TEST: 03 Hours

MAJOR TEST: 60 Marks

Course Objectives:

- To make students understand about concept, importance and scope of Environmental Education.
- To acquaint students with various Environmental Hazards.
- To acquaint students with components of Environment for developing Curriculum for environmental education.
- To enable the students with methods and strategies of environmental education.
- To give the students awareness about sustainable development and projects under taken to save environment.

Unit-I: INTRODUCTION TO Environment Education;

- 1.1 Meaning and importance of Environmental education
- 1.2 Aims and objectives of Environmental Education, Guiding principles and scope of Environmental Education.
- 1.3 Challenges to environment, Role of education to face the challenges

Unit-II: Environmental Hazards:

- 2.1 Concept and types of Environmental Hazards
- 2.2 Need for conservation, prevention and protection of rich environmental heritage.
- 2.3 Environmental educational programmes for primary, secondary and higher education, Role of teacher to facilitate environmental awareness at various stages.

Unit-III: Curriculum:

- 1.1 Natural system- Earth, Biosphere, Biotic and Abiotic components, Human systems-Human being as a part of environment.
- 1.2 Population and its effect on environmental resources.
- 1.3 Technological interventions like Industrialization, Fertilizers & Urbanization and their impact on environmental system.

Unit-IV: Methods and Strategies of Environmental Education

- 4.1 Discussion, Seminar, Workshop and Exhibitions, Role of Media-Print, Films and TV, Internet.
- 4.2 Documentaries on environmental assets- River, Forest, Mountains, Grassland
- 4.3 Role of Central and State government in environmental education

Unit-V: Education for Conservation of Natural Resources and Sustainable Development

- 1.1 Concept and classification of Natural Resources.
- 1.2 Surface and Groundwater resources; Uses and impacts of overexploitation of water resources.
- 1.3 Concept and Importance of Sustainable development, Role of Eco-friendly Technology in achieving goals of sustainable development.

Sessional Work:

- 1. Planning and conducting an environmental awareness programme in any one school or college.
- 2. Field visit to learn strategies for environmental education.

3. Place of environmental education in National curricular Framework (2000) given by NCERT and environmental education curriculum framework for teacher and teacher education (2005) given by NCTE

Books Recommended:

1. Carson, Sean Mc B. Environmental Education – Principles and Practices: Edward Arnold Publishers, 1978.
2. Saxena, A.B., Environmental Education, National Psychological Corporation, 1986.
3. Sharma, P.D.(2009), Ecology and Environment, Rastogi Publications, New Delhi.
4. Dani, H.M. (1986), Environmental Education, Chandigarh, Publication Bureau, Punjab University.
5. Singh, K.Y. (2005), Teaching Environment Science, New Delhi, Chaman Enterprises.