

U.G. 2nd Semester

Paper: EDN201C (Core) Development of Education in India

Credits: 5 = 4 + 1 + 0 (64 Lectures)

Objectives:

- To get a historical insight into the development of Education in pre- independence in India.
- To give the knowledge of the development of the Education in free India.
- To provide a critical understanding of the development of Education as a distinct discipline.

Unit1: Education in Ancient India

- Vedic Education system- Aims, Curriculum, Method of Teaching, Educational Institutes, Present Relevance of Vedic system of education
- Education in Buddhist Period- Aims, Curriculum, Method of Teaching, Educational Institutes, Present Relevance of Vedic system of education
- Education in Medieval Period- Aims, Curriculum, Method of Teaching, Educational Institutes, Present Relevance of Vedic system of education

Unit 2: Education during British Period-I

- Macaulay's Minute and Bentinck Resolution of 1835
- Adam's Report and its recommendations, 1868
- Wood's Dispatch of 1854
- Indian Education Commission-1882

Unit 3: Education during British Period -II

- Lord Curzon's Policy,1902
- Sadler Commission, 1917
- Hartog Committee,1929
- Sargent Report, 1944

Unit 4: Educational efforts by Indians

- National Education Movement, 1905
- Gokhale's Resolution,1910
- Wardha Scheme,1937
- Development of Educational Institutes of Higher Education

Unit 5: Education in India after Independence

- University Education Commission-1948-49
- Secondary Education Commission 1952-53
- Kothari Commission -1964-66
- New Education Policy 1968, 1986 and POA 1992
- National Knowledge Commission, 2005
- Yaspal Committee, 2009

References:

- Aggarwal, J.C. (2010). Development and Planning of Modern Education. New Delhi: Vikash Publishing House, Pvt. Ltd.
- Bhatia, R.L., & B.N. Ahuja (2000). Modern Indian Education and its problems. New Delhi: Surjeet publication.
- Baruah, Jatin, (2008). BharatarSikharItihasarAdhayan. Guwahati: Lawyers' Book Stall.
- Chaube, S.P. (1980). History and Problems of Indian Education, Agra: Agarwal Publications
- Nurullah and Nayak, (1998). A Student History of Education in India. Bombay: Macmillan India Ltd.
- Mukharjee, S.N. (2014). Education in India Today and Tomorrow, New Delhi: VinodPustakMandir.

Paper: EDN202C (Core)

Mathematical Methods for Economics-II

Credits: 5 = 3+1+1 (48 Lectures)

Objectives:

- To help the students to understand the concepts, nature and components of Environment and Ecosystem and concept, importance and scope of environmental education and develop sensitivity towards environmental issues.
- To help the students to know and understand the relationship between man and environment and understand the need for a sustainable development.
- To acquaint the students with environmental hazard..
- To give the students real life experiences in relation to environmental issues.

Unit 1: Introduction to Environment

- Concept of Environment and Ecosystem
- Types of Environment and their significance
- Human beings as part of Environment, Human Adaptations to Environment, Population and its effect on Environment Resources

Unit 2: Environmental Degradation

- Environmental Pollution: Air, Water, Soil
- Extinction of Flora and Fauna, Deforestation
- Global Environmental Issues: Ozone Layer Depletion, Green House Effect, Acid Rain
- Need for Conservation and Protection of Rich Environmental Heritage

Unit 3: Environmental Education

- Concept, Importance and scope of Environmental Education
- Aims and Objectives of Environmental Education
- Environmental Education at Different Levels- primary, secondary and higher
- Concept of Sustainable Development
- Special Significance of Environmental Education for Sustainable Development

Unit 4: Approaches to Environmental Education

- Approaches to Environmental Education: Interdisciplinary and Multidisciplinary
- Methods: Discussion, Seminar, Workshop, Problem Solving and Field Survey

Unit 5: Report Writing on Field trip:

(The following procedure must be followed in the Report Writing)

1. Title
2. Objective
3. Background of the study
4. Data Collection
5. Findings of the study
6. Conclusion

References:

- Aggarwal, J.C. (2010): Education For Values, Environment And Human Rights. Shipra Publications. Delhi.
- Aggarwal, S.P. And Aggarwal, J.C. (1996) Environmental Protection, Education And Development. New Delhi: New Concepts. ·
- Das,S (Ed) (2011). Environmental Issues And Problems , Guwahati, K.K.Publication.
- Kumar, A (2009): A Text Book Of Environmental Science.New Delhi; Aph Publishing Corporation.
- Saini, L.D. (2006): Environmental Education. Kalyani Publishers. New Delhi.
- Shrivastava, K.K. (2013). Environmental Education, Principles, Concepts And Management. Krishna Publishers Distribution, New Delhi. ·
- Sharma, V.S. (2005): Environmental Education. New Delhi. Anmol Publication ·
- Sharma, R.A.(2008): Environmental Education. Meerut. R.Lall Books Depot.

**Paper: EDN203G (General Elective)
Introduction to Educaiton**

Credits: 4 = 4+0+0 (64 Lectures)

Objectives:

- To understand the meaning and definition of Education, scope of Education.
- To acquaint students with Constitutional Provisions of Education , Human Rights and Peace Education and role of education in promoting human rights education and peace education.
- To acquaint students with Education for National and International Understanding.
- To acquaint students with the concept of Freedom, Discipline, Punishment and Reward and Value Education.

Unit 1: Meaning and Concept of Education:

- Concept, Meaning and definition of Education, Process of Education.
- Types of Education; Formal, Informal and Non-Formal its importance and Relevance and Scope of Education.
- Education as a Bipolar and Three Dimensional Processes. Difference between Education and Instruction.
- Functions of Education- Transmission of Socio-Cultural heritage, Acquisition of Skills and Social Cohesion and Development of Human Values.
- Importance of Aim in Education. Criteria of Good Aim. Factors determining the aims of education. Aims of Education- Individual, Social, Vocational and Cultural. Synthesis between Individual and Social aims.

Unit 2: Constitutional Provisions and Human Rights and Peace Education.

- The Preamble to the Constitution – Implication of Justice, Liberty, Equality, Fraternity in Education.
- Constitutional Provision related to Education. Directive Principles of State Policy and Education.
- Fundamental Rights and Duties in Indian Constitution.
- Human Rights Education – Universal Declaration of Human Rights by UN. Role of Education in promoting Human Rights.
- Education for Peace- Meaning, Concept, Nature and Importance of Peace Education. Methods and Programme of Peace Education.

Unit 3: Freedom and Discipline, Punishment and Reward and Value Education

- The Concept of Freedom and Discipline, External and Internal Discipline, Free Discipline.
- Concept of Punishment and Reward, Good and Bad effects of Punishment and Reward.

- Meaning and Nature of Value Education, Different types of Values- Spiritual, Moral, Aesthetic and Religious.
- Strategies for inculcation of Values through co-curricular activities in school and colleges.

Unit 4: Education for National Integration and International Understanding

- Concept of Internationalism and Nationalism.
- Principles of International understanding. Barriers in developing International Understanding.
- Education for International Understanding and National Integration.
- Needs of National Integration and International Understanding.
- Obstacles for National Integration. Education as a way of International Understanding.
- Role of UNESCO in developing International understanding.

References:

- J.C. Aggarwal.(2010).Theory and Principles of Education, Vikash Publishing House Pvt. Ltd.
- Chaube and Chaube(2009). Philosophical and Sociological Foundation of Education. Agra :Binod Pustak Mandir,
- Bhatia and Bhatia (1970).The Philosophical and Sociological Foundation of Education. Delhi:Douba House,
- Das. P. and Goswami S. (2011). Theories and Principles of Education. Guwahati: Shanti Prakasan,
- Borua , Jatin.(1996).An Introduction to Education. Guwahati: Lawyers Book Stall