

SSW 5003 - ENVIRONMENTAL CONSERVATION AND SUSTAINABLE DEVELOPMENT

Course Objectives

- [• Understand the need for conservation of environment
- [• Learn the concept of sustainable development
- [• Learn the laws, policies and programmes related to environment conservation and sustainable development

Course Outline

Unit 1 Environment conservation and sustainable development

Basic concept of environment, ecology, conservation, natural resources: exhaustible and non exhaustible resources and their conservation

Sustainable development: concept, components, strategies and principles of sustainable development

Unit 2 Problems in environmental conservation

Pollution – Air, Water and Soil; global warming, natural resource depletion, climate change, deforestation, loss of bio-diversity, waste disposal, public health concerns Concept of environmental education, target groups

Need and importance of environmental conservation education

People participation in environmental conservation and environmental sustainable development

Unit 3 Laws and Policies

Sustainable development policies in India – National Environment Policy – 2006, Integrated Energy policy - 2006,

Municipal Solid Waste Management Rules – 2000

Role of local self government in sustainable development

Laws to protect and promote environment – Environment Protection Act – 1986, Biological Diversity Act - 2002

Unit 4 National Mechanisms to protect environment

State and Central Environment Ministries Pollution control boards Environmental summits, Engagement of voluntary agencies in environment promotion Government programmes for environmental protection Environmental movements, Role of Social worker

Unit 5 Global Effort for Sustainable Development

Global Warming and Climate Change and its effects on the environment and people International protocols – UN framework convention on climate change, Agenda and Action plan for sustainable development Challenges for sustainable development, Role of International Bodies and INGO's

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