

AMEV24 SUSTAINABLE DEVELOPMENT

UNIT-1 INTRODUCTION

- 1.1 Status of environment- Environmental, Social and Economic issues
- 1.2 Need for sustainability- Nine ways to achieve sustainability- population, resources, development and environment.

UNIT-2 CHALLENGES OF SUSTAINABLE DEVELOPMENT AND GLOBAL ENVIRONMENTAL ISSUES

- 2.1 Concept of sustainability- Factors governing sustainable development- Linkages among sustainable development
- 2.2 Environment and poverty- Determinants of sustainable development- Case studies on sustainable development Population, income and urbanization
- 2.3 Health care- Food, fisheries and agriculture- Materials and energy flows.

UNIT-3 SUSTAINABLE DEVELOPMENT INDICATORS

- 3.1 Need for indicators- Statistical procedures- Aggregating indicators
- 3.2 Use of principal component analysis- Three environmental quality indices.

UNIT-4 ENVIRONMENTAL ASSESSMENT

- 4.1 National environmental policy act of 1-6
- 4.2 Environmental Impact Assessment
- 4.3 Project categories based on environmental impacts
- 4.4 Impact identification methods- Environmental impact assessment process.

UNIT-5 ENVIRONMENTAL MANAGEMENT AND SOCIAL DIMENSIONS

- 5.1 Revisiting complex issues- Sector policies concerning the environment- Institutional framework for environmental management
- 5.2 Achievements in environmental management- People's perception of the environment
- 5.3 Participatory development- NGOs- Gender and development-
- 5.4 Indigenous peoples- Social exclusion and analysis.

Reference Books:

1. Jennifer A. Elliott, "An introduction to sustainable development". London: Routledge: Taylor and Francis group, 2001.
2. Low, N. Global ethics and environment. London: Routledge. 1---
3. Douglas Muschett, Principles of Sustainable Development, St. Lucie Press, 1-7