

## **MSWE308 : ECOLOGY AND SOCIAL WORK**

### **Objectives**

- (a) To develop an understanding of the relationship between
  - (i) Ecology and Development
  - (ii) People and Natural Resources.
- (b) To develop an understanding about the present status of the environment.
- (c) To acquire knowledge of the role of the social worker towards environmental awareness, and working out strategies for maintaining ecological balance.

### **UNIT – I : Ecological Perspectives at Micro and Macro Levels**

- (i) Environment and Ecology and their linkages, relationship with people and society.
- (ii) Development its impact on Environment, Ecology, Economic liberalization and Environment.
- (iii) Social Behaviour and Environment (Consumerism and energy intensive life – styles, etc.)

### **UNIT – II : Environmental Issues and Problems**

- (i) Environment in the global context
- (ii) State of India's Environment.
  - (a) Land – degradation and depletion.
  - (b) Water – Pollution, marine ecology, depletion of ground water and degradation of fresh water reserves, big dams.
  - (c) Air – Pollution, depletion of ozone layer and
  - (d) Forests – Deforestation, depletion of forest cover, Himalayan forest ecosystem.
- (iii) Environment cost of large Developmental Projects.
  - Big Dams
  - Nuclear & Other Power plants.
  - Mining
  - Big industrial Estates.

### **UNIT – III : History of Environmental Consciousness**

- (i) History of the Environment Movement at global level.
- (ii) Traditional systems of Environmental Protection in India.
- (iii) Gandhi and Environment.
- (iv) Environment Movements and people's initiatives to save their environment.
  - (a) Chipko Movement, Save Forests Movement, Save Western Ghats Movement, Anti Nuclear Struggles.
  - (b) Mitti Bachao Andolan.
  - (c) Movements against big dams (Narmada & Tehri.)
  - (d) Eco farming – Nature farming effects.
  - (v) Rio summit and its implications.

### **UNIT – IV : Environmental Action**

- (i) Governmental Policies and Machinery, Programmes.
- (ii) Environmental Legislation, PIL.
- (iii) Need, importance, scope and problems of people's participation in

protection and promotion of their environment.

- (iv) Women and environment.
- (v) Role of Voluntary Action in Environment.
- (vi) Panchayats and Environment.

### **UNIT – V Approaches in Environmental Management**

- (i) Role of Traditional, State controlled, people controlled and jointly managed system.
- (ii) Waste management.
- (iii) Role of the Social Worker.
  - (a) As a concerned citizen, as a mass educator, campaigner.
  - (b) As a worker with NGOs.
  - (c) As a welfare officer in industry / Government.
  - (d) Advocacy role of the social worker.
- (iv) Disaster management
  - (a) Concept of disaster, natural and man – made.
  - (b) Consequence of disaster.
  - (c) Role of various agencies in disaster management.

### **Reading List**

1. Arnold, David and Ramchandra Guha (eds.) Nature, Culture, Imperialism : Essays on the Environmental History of South Asia, Delhi, OUP, 1995.
2. Centre for Science and Environment, The State of India's Environment : The Citizens Reports, Vol. I – II, New Delhi.
3. Chopra Ravi, Natural Bounty – Artificial Scarcity, People's Science Institute (PSI), Dehradun.
4. Dansereau, Pierre, The Human Predicament 1, The Dimensions of Environmental Quality in Human Ecology in the Common Wealth Proceeding of the First Common Wealth conference on Development and Human Ecology, Malta 18 – 24, London, Charles Knight and Co. Ltd. P.I.
5. Dogra, B., Forests and People, 1980.
6. Gadgil, Madhav, Ecology and Equity, Penguin Books, New Delhi.
7. Gadgil, Madhav and Ramchandra Guha, This Fissured Land : An Ecological History of India, Delhi, OUP, 1994.
8. Gadgil, Madhav and Ramchandra Guha, Ecology and Equity : The Use and Abuse of Nature in Contemporary India, Penguin, Delhi, 1995.
9. Goldsmith, E. and Hildyard, N. (ed.) The Social and Environmental Effects of Large Dams, Vol I – III (Overview, Case Studies and Bibliography), Wade bridge Ecological Centre UK.
10. Guha, Ramchandra, The Unquiet Woods, Ecological changes and Peasant Resistance in the Himalayas, Delhi : OUP, 1991.
11. Heremath, S R Krishnan B. J., All About Convention on Biological Diversity, (CBI)
12. Krishna, Sumi, Environmental Politics : Peoples Lives and Development Choices, Delhi, Sage, 1996.
13. Mishra, Anupam, Aaj Bhi Khare Hain Talab (in Hindi), Gandhi Peace Foundation, New Delhi.
14. Mrs, Maria and Shiva Vandana, Eco – Feminism, Delhi, 1993.
15. Owen, D.F., What is Ecology, Oxford University Press, Oxford, 1980.
16. Paranjape, Vijay, Samaj Parivartana Samudaya Dharwad, Save Niligiris Campaign, Ooty, Econet, Pune, 1996.

17. Sharma, B.D., Whither Tribal Areas ? Sahayog Pustak Kutir, New Delhi.
18. Shiva, Vandana, Minding Our lives, Women from South and North Reconnect Ecology and Health, Delhi, Kali, 1993.
19. Thukral, Enakshi Ganguli Big, Dans Desplaced People : River of Borrow, River of Change, New Delhi, Sage, 1998.
20. World Watch Institute, World Watch Papers ( 137 papers on environmental concerns).