



ଓଡ଼ିଶା ରାଜ୍ୟ ମୁକ୍ତ ବିଶ୍ୱବିଦ୍ୟାଳୟ, ସମ୍ବଲପୁର, ଓଡ଼ିଶା  
Odisha State Open University, Sambalpur, Odisha  
Established by an Act of Government of Odisha.

## **ENVIRONMENTAL STUDIES (AECC-1)**

**Total Credit-4**

### **BLOCK-1: Environment and its Components**

**Unit-1** Concept of Environment Studies

**Unit-2** The Environment: Atmosphere, Hydrosphere, Lithosphere, Biosphere

**Unit-3** Ecology and Ecosystem: Biogeochemical cycle (Carbon and Nitrogen Cycle)

### **BLOCK-2: Role of Individuals and their Associations in Environment**

**Unit-4** Population Ecology: Individual, Species, Population Community

**Unit-5** Population Growth and Controls: Human Population, Urbanization and its effect on human society

**Unit-6** Diseases of Human Beings: Communicable and Non- Communicable diseases of human beings

### **BLOCK-3: Resources of Environment and their Management**

**Unit-7** Natural Resources: Types of Natural Resources

**Unit-8** Management and Conservation of Natural Resources: Soil, Forest and wild life, Biodiversity

**Unit-9** Environmental Pollution: Air Pollution, Water Pollution, Soil Pollution and Noise Pollution

### **BLOCK-4: Problems and Practices of Conservation of Nature**

**Unit-10** Environmental Movements: environmental movements in India, Environmental movements in Odisha

**Unit-11** Natural Disasters and their Management

**Unit-12** Environmental Protection Act: Water Act 1974, Air Act 1981, the Wildlife Protection Act 1972, Environmental Protection Act 1986, Role of CPCB and SPCB.

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