

Department of Botany
Utkal University, Vani Vihar, Bhubaneswar

Add-On Course for M.Sc. Botany/Environmental Science/Applied Microbiology

Total Hours : 30 hrs.

Full Marks : 100

Course Title : Environmental Crisis and Mitigation

Unit – 1 : Environmental Crisis; Concept & Types

Contaminants in Environments, Factors affecting Environmental Crisis, Major Environmental Issues.

Unit – 2 Mitigation of Environmental Contaminants

Major Environmental Pollutants, Plants and Microbes in remediation of Contaminants, Biodegradation of Environmental Pollutants.

Unit – 3 Environmental Crisis in India

Urban Air Quality, Forest Fire & Stubble Burning, Major River Pollution Issues, Solid Waste Management.

Unit – 4 Environmental Crisis with a Special Reference to Odisha

Hydro-Meteorological disasters; Cyclone, Flood, Droughts, Submergence cause and Mitigation measures, Mangroves case study.