

SEMESTER-III

Course Code: noc24-hs160

Course Title: Environmental Science

Credit Points: 2

Course layout

Week 1: Environmental Concerns, Population Growth, and Resource Consumption

Week 2: Principles of Sustainable Development

Week 3: Understanding Air Pollution

Week 4: Climate Change: Scientific Basis, Mitigation & Adaption

Week 5: Renewable Energy – I (Solar Energy & Wind Energy)

Week 6: Renewable Energy – II (Geothermal Energy, Ocean Energy, Hydroelectricity, Bioenergy)

Week 7: Industrial Ecology & Circular Economy

Week 8: Water Quality, Reuse and Recycling

Week 9: Solid Waste Management (including E-waste Management)

Week 10: Noise Pollution

Week 11: Ecology and Soil Pollution

Week 12: Environmental Policies and Legislation