

e-content developed under e-PG Pathshala in Environmental Science

Link to access the e-content:

<https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=14>

Paper 7 Energy and Environment	
Module	Title
Module 01	Sun as source of energy
Module 03	Fossil fuel classification and composition
Module 04	Physico-chemical Properties of Fuel
Module 06	Renewable Energy Resources
Module 10	Geothermal energy
Module 11	Principle and Applications of Wind Power generation
Module 12	Components and types of Wind Turbines
Module 13	Principles of generation of solar energy
Module 14	Applications of Solar Energy
Module 16	Solar Photovoltaic system
Module 17	Solar pond
Module 18	Nuclear energy from fission
Module 19	Nuclear fusion for Energy
Module 20	Prospects of Nuclear Energy in India
Module 22	Biomass as an Energy source
Module 23	Types of Biofuels, Energy conversion routes from biomass
Module 27	Anaerobic Digestion & Biogas Production
Module 30	Hydrogen as a Fuel for Future & Fuel Cell
Module 31	Emission of Carbon Dioxide from Energy consumption in Developed and Developing Countries
Module 34	Radiative Forcing and Global Warming
Module 35	Impacts of large-scale exploitation of solar energy and wind energy
Module 36	Impacts of large scale exploitation of hydropower and other renewable energy sources
Module 37	Energy Efficiency and Energy Audit
Module 38	Energy Conservation-Principles and Approaches
Module 39	Green buildings
Module 40	Energy Policies- international and national norms
Paper 8 Atmospheric Processes	
Module 29	Air Quality and Greenhouse Gases
Paper 15: Environmental Microbiology & Biotechnology	
Module 30	Biogas Production from Biomass and its Applications