

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 8 Atmospheric Processes	
Module	Title
Module 31	Biogeochemical Cycles
Paper 11: Solid and hazardous waste management	
Module 01	Waste –types and classification
Module 04	Factors influencing waste generation, environmental and health hazards
Module 06	Waste collection -I
Module 07	Waste collection –Storage containers and collection vehicles
Module 08	Waste collection –Collection routing and crew
Module 09	Transfer station
Module 13	Source Reduction
Module 16	Hazardous waste: Definition, sources, classification, collection, segregation, characterization
Module 17	Hazardous waste: Treatment and disposal
Module 19	Landfill leachate management
Module 21	Sustainable Municipal Solid Waste Management
Module 23	Incineration and Combustion
Module 24	Advanced Thermal Treatment Technologies –Pyrolysis
Module 26	Composting
Module 27	Vermicomposting
Module 28	Energy from waste–Bio-gasification
Module 29	Anaerobic digestion of solid waste
Module 30	Advanced Thermal Treatment Technologies –Gasification
Module 31	Solid waste disposal, open dumping and landfills
Module 32	Structure and operation of solid waste landfill
Module 33	Landfill bioreactor
Module 35	Landfill Gas Management
Module 38	Hazardous waste (management and handling) rules
Paper 12 Environmental Management	
Module 17	Life Cycle Assessment(LCA)
Paper 15: Environmental Microbiology & Biotechnology	
Module 04	Biotransformation
Module 05	Biotransformation by enzymes
Module 06	Microbial Biotransformation
Module 12	Role of microorganisms- bio-remediation I
Module 13	Role of microbes and plants in remediation -Phytoremediation
Module 14	Role of microbes and plants in remediation -Rhizoremediation
Module 15	Role of microorganisms- bio-remediation II