





Developed by
Department of Environment Science and
Technology
Central University of Punjab, Bathinda, Punjab, India
Funded by



University Grants Commission, New Delhi

Access content at: https://onlinecourses.swayam2.ac.in/cec21_bt13/preview

Total Number of Modules Developed - 40

Co-ordinator	Prof. Vinod Kumar Garg Department of Environment Science and Technology Central University of Punjab
Co- coordinator	Dr. Yogalakshmi K N Associate Professor Department of Environment Science and Technology Central University of Punjab



Module no.	Module title	Content recorder
1	Waste - Types and classification	Prof VK Garg
2	Waste Sources and Generation Rates	Dr. Yogalakshmi K N
3	Traditional methods of waste collection and disposal	Prof VK Garg
4	Factors influencing waste generation and Health	Dr. Yogalakshmi K N
	hazards	
5	Waste composition	Prof VK Garg
6	Waste collection-I	Dr. Yogalakshmi K N
7	Waste collection-II	Dr. Yogalakshmi K N
8	Characterization of wastes	Dr. Yogalakshmi K N
9	Waste Processing : Size and volume reduction	Dr. Yogalakshmi K N
10	Waste minimization; waste hierarchy and waste audit	Prof VK Garg
11	Recycling of solid wastes	Prof VK Garg
12	Hazardous Waste- Definition, sources, classification,	Dr. Yogalakshmi K N
	collection and segregation	
13	Hazardous Waste- Characterization, treatment and	Dr. Yogalakshmi K N
	disposal	
14	Radioactive waste – I	Prof VK Garg
15	Radioactive waste – II	Prof VK Garg
16	e-waste	Dr. Yogalakshmi K N
17	Plastic waste	Dr. Yogalakshmi K N
18	Biomedical waste-I	Dr. Yogalakshmi K N
19	Biomedical waste-II	Dr. Yogalakshmi K N
20	Composting	Prof VK Garg
21	Vermicomposting	Prof VK Garg
22	Thermal treatment of solid wastes - Incineration	Dr. Yogalakshmi K N
23	Thermal treatment of solid wastes pyrolysis and	Dr. Yogalakshmi K N
	gasification	
24	Biogas production from solid wastes	Dr. Dhanya MS
25	Solid waste disposal – sanitary landfilling- I	Dr. Yogalakshmi K N
26	Solid waste disposal – sanitary landfilling- II	Dr. Yogalakshmi K N
27	Landfill leachate and gas management	Dr. Yogalakshmi K N
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28	Landfill bioreactors	Dr. Yogalakshmi K N
29	Fly ash- generation and management	Prof VK Garg
30	Fly ash Management and Handling rules	Prof VK Garg
31	Mechanical biological Treatment of solid wastes	Dr. Yogalakshmi K N
32	Solid Waste Management Rules 2016	Dr. Yogalakshmi K N
33	Hazardous and other Wastes (Management and Trans	Dr. Yogalakshmi K N
	boundary Movement) Amendment Rules, 2016	
34	Biomedical Waste Management Rule, 2016	Prof VK Garg
35	Plastic Waste Management Rules, 2016	Prof VK Garg
36	E-Waste Management Rules, 2016	Prof VK Garg
37	Basel Convention on the Control of Trans boundary	Prof VK Garg
	Movement of Hazardous Waste and Their Disposal	
38	Solid Waste Management in Rural areas	Prof VK Garg
39	Swachh Bharat Abhiyan	Prof VK Garg
40	Recent advances in solid waste Management	Dr. Yogalakshmi K N