

Environment Management – Programmes for 2021-22

S.No.	Programme Title	Days	Dates	Mode of Conduct
1	Bio Medical Waste Management – Handling & Safe Disposal Options with New Rules 2016	3	06 – 08 Apr, 21	Online
2	Advanced technologies based Water and Waste Water Treatment for Zero Discharge Compliance - CAMUS, SBT, Phyto, DEWATS	3	14 – 16 Apr, 21	Class Room
3	Conducting EIA Study and Preparation of EIA reports – Case study & Group Discussion.	3	27 – 29 Apr, 21	Online
4	Storm Water Drainage System- Design, Construction and O&M	3	11 – 13 May, 21	Online
5	Air pollution Monitoring & Modeling using Software Applications – Theory & Practical's.	3	25 – 27 May, 21	Online
6	Application of GIS, GPS & RS in Environmental Data Management.	3	08 – 10 Jun, 21	Online
7	Performance Evaluation of Sewage Treatment Plants – Practical Aspects and Field Visits.	3	16 – 18 Jun, 21	Class Room
8	Hands-on Training – Design, Construction, O&M and Estimation of Sewerage Network System & STP	4	22 – 25 Jun, 21	Online
9	Faecal Sludge and Septage Management-Training cum Exposure Visit	3	06 – 08 Jul, 21	Class Room
10	Air Quality Management	3	13 – 15 Jul, 21	Online
11	Operation & Maintenance of Sewerage Network System- Sustainable Infrastructure	3	27 – 29 Jul, 21	Class Room
12	E-Waste Management-Issues, Collection and Disposal Mechanism	3	10 – 12 Aug, 21	Class Room
13	IT Enabled Applications in Water Supply and Sewerage Projects.	4	24 – 26 Aug, 21	Class Room
14	Water Pollution Monitoring & Modelling using Software Applications – Theory & Practical's.	3	07 – 09 Sep, 21	Class Room
15	Sustainable Solid Waste Management System	3	21 – 23 Sep, 21	Class Room
16	Preparation of Estimation for Water Supply & Sewerage Projects.	3	05 – 07 Oct, 21	Online
17	Smart City Solution and Environmental Aspects	3	19 – 21 Oct, 21	Class Room
18	Selection of Technology of Sewerage Treatment Process – Conventional and Advanced.	4	09 – 12 Nov, 21	Class Room
19	Hands-on training on GIS Applications- Arc GIS	3	23 – 25 Nov, 21	Class Room
20	Attaining Service Level benchmarks for Water Supply & Sewerage. Solid Waste and Storm Water Drainage.	4	07 – 09 Dec, 21	Class Room
21	Underground Sewerage Systems- Good Practices, Innovative models and Continual Improvement in Technologies	3	21 – 23 Dec, 21	Class Room
22	PLC and SCADA Applications in Water supply and Sewerage Projects including field visits.	3	05 – 07 Jan, 22	Class Room
23	Water Audit & Software – Urban Water Management	3	18 – 20 Jan, 22	Class Room
24	GIS and Smart Water Management Projects	3	01 – 03 Feb, 22	Class Room
25	Hazardous Waste Management & Prevention	3	16 – 18 Feb, 22	Class Room
26	Online Monitoring Industrial Emission Effluent (Technical Guidelines and Demonstration).	3	08 – 10 Mar, 22	Class Room
27	Desalination Process – Planning, Design & Operation	3	15 – 17 Mar, 22	Class Room
28	Preparation of DPR and Tender Documents for Sewage Treatment Plant.	3	22 – 24 Mar, 22	Class Room

Note : The following programmes can be conducted either on-campus or off-campus programmes.

- Best practices of hazardous waste & construction and demolition waste management.
- The right to fair compensation and transparency in land acquisition, rehabilitation and resettlement Act, 2013
- Latest amendment in environment rules & regulations -significance & effective implementation.
- Environment clearance for construction of building projects
- Water & Energy audit for industries.
- GIS & GPS applications -land use and land cover
- Mission mode programmes related to SMART city, Swachh Bharat Mission, Housing For All, National Urban Livelihood Mission, HRIDAY and other Rural related schemes.

Certification Course:

S.No.	Name of the course	Remarks
1	Biological Waste Water Treatment: Principles, Modelling and Design including software session, case studies and site visits.	Duration : One week
2	National Perspectives of Sustainable Sanitation Approaches and Technology.	Duration : Two week

30 Days Summer Internship programme on Environmental Science & Engineering.

TEAM	
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Integrated Capacity Building Programme Under MoHUA, GOI - Pradhan Mantri Awas Yojana-Housing for ALL (PMAY-HFA) - Capsule-2 for the Officials of ULBs of State Govt. of Madhya Pradesh on 17th Feb 2021