Training program on Industrial Environment Management through Techno-Managerial and Policy Choices

Course Content

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| **S.No** | **Main Topic** | **Sub topics** | **Duration** |
| **1** | **General Awareness on Environment** | * Environment and Energy scenario and issues (world and India) * Effects on environment * Environmental laws * Environmental Standards formulation approach * Multilateral Environmental Agreements * Environment standards and Policy making approach | **1 week** |
| **2** | **Conceptual Understanding of Design, Planning and costing of Pollution Control Systems** | * Wastewater Treatment * Air Pollution Control * Solid and Hazardous Waste Management * Noise Pollution * Field Visit (4 visits) | **1 week** |
| **3** | **Environmental Audit and Impact Assessment** | * Environmental Audit Methodology with case studies * Environmental Impact Assessment with Case Studies * Field Visits ( 2 visits) | **1week** |
| **4** | **Carbon and Water Foot print assessment and best practices** | * Introduction to Global Climate Change Scenario * Identify and categorize GHG emission sources and sinks * Energy and Environment linkages * Quantify emission levels and create GHG inventory of an entity * Develop and implement information management system to collect emission data and ensure its accuracy * Prepare and present GHG inventory report in internationally accepted format. * Group Exercises | **1 week** |
| **5** | **Sustainability Management** | * Develop an in depth understanding on the various reporting frameworks and methodologies * Conduct stakeholder engagement and materiality assessment * Develop report content | **1 week** |