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

Course Content

|  |  |  |  |
| --- | --- | --- | --- |
| **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** |