



E-Learning Module on INDUSTRIAL WATER TREATMENT

E-Learning Course Title: **Industrial Water Treatment**

Registration Fee (including GST):- **Rs. 1416/- (including GST)**

About eLearning Program (Brief One para): - Industrial water treatment systems meet a variety of purification and separation needs. They can range from relatively compact and straightforward to complex, multiunit processes that serve a variety of applications. An industrial water treatment system treats water so it is more appropriate for a given use, whether for consumption, manufacturing, or even disposal. Each system will vary depending on the facility's needs and many of the technologies that make up these systems can be similar. In general, some of the most-needed industrial water treatment systems typically include:

- Raw water treatment systems
- Boiler feed water treatment systems
- Cooling tower water treatment systems
- Wastewater treatment systems

On a global level, wastewater treatment is an increasingly critical topic of discussion that has been addressed at the highest levels of government and major corporations. To find a sustainable approach, companies can employ many different strategies to help themselves go beyond mere compliance and begin the process of improving global water quality.

eLearning Course Coverage (Specify Module details) :- Industrial wastewater presents some significant purification challenges before it can be

reused or released into the environment. Industrial wastewater treatment is required to remove contaminants and ensure that industries are fully compliant with regional industrial wastewater treatment standards. Wastewater treatment also helps companies save money by enabling the reuse of water in their industrial processes and minimizing waste processing costs.

This eLearning Module provides a range of water treatment and industrial wastewater treatment systems suitable for all major industries. This module also mentions solutions and processes, specifically designed to meet challenging wastewater treatment requirements. The necessary industrial wastewater treatment plant is determined based upon these requirements and might involve the use of evaporation, filtration, clarification, aerobic and anaerobic wastewater treatment technologies.

Register to learn (Key Learnings' in bullet points):

Effective industrial wastewater treatment can produce both clean and reusable water, as well as reducing overall waste production. Here are some key benefits for the participants as they will come to know about how followings are achieved:-

- Wastewater treatment reduces the amount of waste released into the environment
- Water loss due to water pollution is reduced or eradicated
- Potentially harmful contaminants are not released into the environment
- Simplified waste disposal significantly reduces costs.
- Regional wastewater treatment and effluent standards can be met and maintained, and compliance can be continuously monitored

Thanks & Regards

NPC Team

Course conducted by Group/ Regional Directorate Name: - **RD-Kanpur**

Name & Designation of Course Coordinator: **Rajeev Gupta, Deputy Director**

Course Coordinator Contact Details: **Mobile No. - 9408876163**