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**Course Title :**        **Water & Wastewater Treatment**

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- **Aim:**

Introduction to industrial wastewater and treatment, introduction to Biological process, Chemical process, Physical process and Advance oxidation process

- **Syllabus:**

Introduction to industrial wastewater and treatment Physical process: screening, Flotation, Mixing & Flocculation, Sedimentation Chemical process: Chemical neutralization, Chemical coagulation, Chemical precipitation, Chemical oxidation Biological process: Suspended growth process, Attached growth process, Biological Nitrification – Denitrification Advance oxidation process: ozone, Fenton, photo catalytic process, ozone –UV...

- **Reading Resources:**

Wastewater Engineering - Treatment and Reuse -Metcalf & Eddy