NPTEL Video Course - Chemical Engineering - NOC:Physico-Chemical Processes for Waste Water Treatment

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Co-ordinating Institute - IIT - Roorkee

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 30 - Filtration - III
Lecture 31 - Adsorption - I
Lecture 32 - Adsorption - II
Lecture 33 - Adsorption - III
Lecture 34 - Adsorption - IV
Lecture 35 - Adsorption - V
Lecture 36 - Adsorption - VI
Lecture 37 - Ion-exchange - I
Lecture 38 - Ion-exchange - II
Lecture 39 - Ion-exchange - III
Lecture 40 - Ion-exchange - IV
Lecture 41 - Wastewater treatment by membrane processes - I
Lecture 42 - Wastewater treatment by membrane processes - II
Lecture 43 - Wastewater treatment by membrane processes - III
Lecture 44 - Wastewater treatment by membrane processes - IV
Lecture 45 - Wastewater treatment by membrane processes - V
Lecture 46 - Advanced Oxidation Processes (AOP) - Introduction
Lecture 47 - AOP - Photocatalytic wastewater treatment
Lecture 48 - AOP - Fenton, ozone and catalytic treatment
Lecture 49 - AOP - Electrochemical wastewater treatment - I
Lecture 50 - AOP - Electrochemical wastewater treatment - II
Lecture 51 - AOP - Sono-hybrid wastewater treatment
Lecture 52 - Disinfection - I
Lecture 53 - Disinfection - II
Lecture 54 - Disinfection - III
Lecture 55 - Case Study - Wastewater treatment in sugar industry
Lecture 56 - Case Study - Wastewater treatment in distillery
Lecture 57 - Case Study - Wastewater treatment in fertilizer industry
Lecture 58 - Case Study - Wastewater treatment in petroleum refining industry
Lecture 59 - Case Study - Common effluent treatment plant (CETP)
Lecture 60 - Choice of technology and summary