

## NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Civil Engineering - NOC:Industrial Wastewater Treatment

Subject Co-ordinator - Prof Alok Sinha, Prof S K Gupta

Co-ordinating Institute - IIT-ISM Dhanbad

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

- Lecture 1 - Sources and characteristics of industrial wastewater
- Lecture 2 - Sources and characteristics of industrial wastewater
- Lecture 3 - Wastewater Management
- Lecture 4 - Design Aspects of Equalization Tank
- Lecture 5 - Neutralization and Proportioning
- Lecture 6 - Ion Exchange Process
- Lecture 7 - Ion Exchange Process
- Lecture 8 - Ion Exchange Process
- Lecture 9 - Adsorption Process
- Lecture 10 - Adsorption Process
- Lecture 11 - Gas Transfer and Air Stripping (Ammonia Removal)
- Lecture 12 - Gas Transfer and Air Stripping (Ammonia Removal)
- Lecture 13 - Advanced oxidation processes
- Lecture 14 - Advanced oxidation processes
- Lecture 15 - Advanced oxidation processes
- Lecture 16 - Advanced oxidation processes
- Lecture 17 - Membrane processes for wastewater treatment
- Lecture 18 - Membrane processes for wastewater treatment
- Lecture 19 - Membrane processes for wastewater treatment
- Lecture 20 - Membrane processes for wastewater treatment
- Lecture 21 - Coagulation, Precipitation and Heavy Metal Removal
- Lecture 22 - Coagulation, Precipitation and Heavy Metal Removal
- Lecture 23 - Coagulation, Precipitation and Heavy Metal Removal
- Lecture 24 - Coagulation, Precipitation and Heavy Metal Removal
- Lecture 25 - Coagulation, Precipitation and Heavy Metal Removal
- Lecture 26 - Treatment and disposal of sludge
- Lecture 27 - Treatment and disposal of sludge
- Lecture 28 - Treatment and disposal of sludge
- Lecture 29 - Treatment and disposal of sludge

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- Lecture 30 - Treatment and disposal of sludge
- Lecture 31 - Treatment of wastewater produced from Distillery and Dairy Industries
- Lecture 32 - Treatment of wastewater produced from Distillery and Dairy Industries
- Lecture 33 - Treatment of wastewater produced from Distillery and Dairy Industries
- Lecture 34 - Treatment of wastewater produced from Distillery and Dairy Industries
- Lecture 35 - Treatment of wastewater produced from Distillery and Dairy Industries
- Lecture 36 - Treatment of wastewater produced from Tannery and Pulp and Paper
- Lecture 37 - Treatment of wastewater produced from Tannery and Pulp and Paper
- Lecture 38 - Treatment of wastewater produced from Tannery and Pulp and Paper
- Lecture 39 - Treatment of wastewater produced from Tannery and Pulp and Paper
- Lecture 40 - Treatment of wastewater produced from Tannery and Pulp and Paper
- Lecture 41 - Treatment of wastewater produced from Textile and Dye and Fertilizers
- Lecture 42 - Treatment of wastewater produced from Textile and Dye and Fertilizers
- Lecture 43 - Treatment of wastewater produced from Textile and Dye and Fertilizers
- Lecture 44 - Treatment of wastewater produced from Textile and Dye and Fertilizers
- Lecture 45 - Treatment of wastewater produced from Textile and Dye and Fertilizers
- Lecture 46 - Treatment of wastewater produced from Refineries and Iron and Steel (Coke Ovens)
- Lecture 47 - Treatment of wastewater produced from Refineries and Iron and Steel (Coke Ovens)
- Lecture 48 - Treatment of wastewater produced from Refineries and Iron and Steel (Coke Ovens)
- Lecture 49 - Treatment of wastewater produced from Refineries and Iron and Steel (Coke Ovens)
- Lecture 50 - Treatment of wastewater produced from Refineries and Iron and Steel (Coke Ovens)
- Lecture 51 - Treatment of wastewater produced from Pharmaceutical industry
- Lecture 52 - Treatment of wastewater produced from Pharmaceutical industry
- Lecture 53 - Treatment of wastewater produced from Pharmaceutical industry
- Lecture 54 - Treatment of wastewater produced from Pharmaceutical industry
- Lecture 55 - Treatment of wastewater produced from Pharmaceutical industry
- Lecture 56 - Mine Wastewater including Acid Mine Drainage and Industrial Complexing
- Lecture 57 - Mine Wastewater including Acid Mine Drainage and Industrial Complexing
- Lecture 58 - Mine Wastewater including Acid Mine Drainage and Industrial Complexing
- Lecture 59 - Mine Wastewater including Acid Mine Drainage and Industrial Complexing
- Lecture 60 - Mine Wastewater including Acid Mine Drainage and Industrial Complexing