

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

NPTEL Video Course - Civil Engineering - NOC:Wastewater Treatment and Recycling

Subject Co-ordinator - Prof. Manoj Kumar Tiwari

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Course Introduction
- Lecture 2 - Sources and Types of Wastewater
- Lecture 3 - Pollutants in Wastewater
- Lecture 4 - Wastewater Management
- Lecture 5 - Wastewater Management
- Lecture 6 - Wastewater Generation and Quantity Estimation
- Lecture 7 - Quantity Estimation of Sewage
- Lecture 8 - Population Forecasting Methods
- Lecture 9 - Quantity Estimation of Sewage Flow
- Lecture 10 - Sewage Quantity Estimation
- Lecture 11 - Wastewater Characteristics
- Lecture 12 - Wastewater Characteristics
- Lecture 13 - Wastewater Characteristics
- Lecture 14 - Wastewater Characteristics
- Lecture 15 - Wastewater Characteristics
- Lecture 16 - Terrace - Introduction
- Lecture 17 - Bench Terraces
- Lecture 18 - Problems on Bench Terraces
- Lecture 19 - Broad-base Terraces
- Lecture 20 - Problems on Broad-base Terraces
- Lecture 21 - Mass Balance
- Lecture 22 - Mass Balance in Reactors
- Lecture 23
- Lecture 24
- Lecture 25
- Lecture 26
- Lecture 27
- Lecture 28 - Secondary Treatment Processes
- Lecture 29 - Biological Treatment of Wastewater

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- Lecture 30 - Biological Treatment of Wastewater
- Lecture 31 - Biological Treatment of Wastewater
- Lecture 32 - Biological Treatment of Wastewater
- Lecture 33
- Lecture 34
- Lecture 35
- Lecture 36
- Lecture 37
- Lecture 38 - Introduction to Sludge Management
- Lecture 39 - Wastewater Sludge
- Lecture 40 - Wastewater Sludge Processing and Treatment
- Lecture 41 - Wastewater Sludge Processing and Treatment
- Lecture 42 - Wastewater Sludge Processing and Treatment
- Lecture 43 - Tertiary (Advanced) Treatment of Wastewater
- Lecture 44 - Tertiary Treatment
- Lecture 45 - Tertiary Treatment
- Lecture 46 - Tertiary Treatment
- Lecture 47 - Tertiary Treatment
- Lecture 48 - Wastewater Treatment Systems
- Lecture 49 - Wastewater Treatment Systems
- Lecture 50 - Alternate Wastewater Treatment Systems
- Lecture 51 - Alternate Wastewater Treatment Systems
- Lecture 52
- Lecture 53
- Lecture 54
- Lecture 55
- Lecture 56
- Lecture 57 - Wastewater Reuse and Recycling
- Lecture 58 - Decision Making in Wastewater Reuse and Recycling
- Lecture 59 - Public Acceptance for Recycled Water Use
- Lecture 60 - Wastewater Reuse and Recycling
- Lecture 61 - Course Summary
- Lecture 62 - Course Summary (Continued...)