

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

NPTEL Video Course - Chemical Engineering - NOC:Basic Environmental Engineering and Pollution Abatement

Subject Co-ordinator - Prof. P. Mondal

Co-ordinating Institute - IIT - Roorkee

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

Lecture 1 - Introduction  
Lecture 2 - Ecology, Environment and Biodiversity  
Lecture 3 - Ecosystem services and its risks - 1  
Lecture 4 - Ecosystem services and its risks - 2  
Lecture 5 - Tutorial-1  
Lecture 6 - Pollution types and sources  
Lecture 7 - Pollution: Impacts/Consequences  
Lecture 8 - Transmission of pollutants in environment - 1  
Lecture 9 - Transmission of pollutants in environment - 2  
Lecture 10 - Tutorial-2  
Lecture 11 - Environmental quality and standards - 1  
Lecture 12 - Environmental quality and standards - 2  
Lecture 13 - Instrumental techniques of environmental analysis - 1  
Lecture 14 - Instrumental techniques of environmental analysis - 2  
Lecture 15 - Tutorial-3  
Lecture 16 - Sampling and characterization - 1 (Gas, air ,emission)  
Lecture 17 - Sampling and characterization - 2 (water, wastewater, effluents)  
Lecture 18 - Sampling and characterization - 3 (solid waste and soil)  
Lecture 19 - Environmental laws and regulatory framework  
Lecture 20 - Tutorial-4  
Lecture 21 - Air pollution control - 1  
Lecture 22 - Air pollution control - 2  
Lecture 23 - Air pollution control - 3  
Lecture 24 - Air pollution control - 4  
Lecture 25 - Tutorial-5  
Lecture 26 - Treatment of surface and ground water for drinking water generation  
Lecture 27 - Treatment of domestic and industrial wastewater: Schemes  
Lecture 28 - Primary treatment equipment  
Lecture 29 - Secondary treatment processes

---

Get DIGIMAT For High-Speed Video Streaming of NPTEL and Educational Video Courses in LAN

<http://www.digimat.in>

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

---

- Lecture 30 - Tutorial-6
- Lecture 31 - Secondary treatment equipment - 1
- Lecture 32 - Secondary treatment equipment - 2
- Lecture 33 - Advanced secondary processes - 1
- Lecture 34 - Advanced secondary processes - 2
- Lecture 35 - Tutorial-7
- Lecture 36 - Advanced secondary processes - 3
- Lecture 37 - Tertiary treatment - 1
- Lecture 38 - Tertiary treatment - 2
- Lecture 39 - Tertiary treatment - 3
- Lecture 40 - Tutorial-8
- Lecture 41 - Sludge management - 1
- Lecture 42 - Sludge management - 2
- Lecture 43 - Sludge management - 3
- Lecture 44 - Industrial Pollution Control in GPI - 1 (General aspect and pollution control in sugar industry)
- Lecture 45 - Tutorial-9
- Lecture 46 - Industrial Pollution Control in GPI - 2 (Pollution control in Distillery)
- Lecture 47 - Industrial Pollution Control in GPI - 3 (Pollution control in Tannery)
- Lecture 48 - Pollution control in Petroleum refinery and petrochemicals industry
- Lecture 49 - Industrial Pollution Control in GPI - 4
- Lecture 50 - Tutorial 10
- Lecture 51 - Solid waste and hazardous waste management - 1
- Lecture 52 - Solid waste and hazardous waste management - 2
- Lecture 53 - Solid waste and hazardous waste management - 3
- Lecture 54 - Solid waste and hazardous waste management - 4
- Lecture 55 - Tutorial-11
- Lecture 56 - Air Pollution Management, Air quality survey, NAAQI - 1
- Lecture 57 - Air Pollution Management, Air quality survey, NAAQI - 2
- Lecture 58 - Management of special category wastes - 1
- Lecture 59 - Management of special category wastes - 2
- Lecture 60 - Tutorial-12