

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

NPTEL Video Course - Civil Engineering - NOC:Applied Environmental Microbiology

Subject Co-ordinator - Dr. Gargi Singh

Co-ordinating Institute - IIT - Roorkee

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

Lecture 1 - Introduction - I  
Lecture 2 - Introduction - II  
Lecture 3 - Cell Structure - I  
Lecture 4 - Cell Structure - II  
Lecture 5 - Central Dogma - I  
Lecture 6 - Central Dogma - II  
Lecture 7 - Microbial Energetics - I  
Lecture 8 - Microbial Energetics - II  
Lecture 9 - Microbial Energetics - III  
Lecture 10 - Microbial Energetics - IV  
Lecture 11 - Microbial Metabolism - I  
Lecture 12 - Microbial Metabolism - II  
Lecture 13 - Functional Diversity of Bacteria - I  
Lecture 14 - Functional Diversity of Bacteria - II  
Lecture 15 - Functional Diversity of Bacteria - III  
Lecture 16 - Microbial Ecosystem - I  
Lecture 17 - Microbial Ecosystem - II  
Lecture 18 - Microbial Ecosystem - III  
Lecture 19 - Microbial Ecosystem - IV  
Lecture 20 - Microbial Ecosystem - V  
Lecture 21 - Environmental Genomics - I  
Lecture 22 - Environmental Genomics - II  
Lecture 23 - Environmental Genomics - III  
Lecture 24 - Environmental Genomics - IV  
Lecture 25 - Environmental Genomics - V  
Lecture 26 - Microbial Symbiosis - I  
Lecture 27 - Microbial Symbiosis - II  
Lecture 28 - Virus - I  
Lecture 29 - Virus - II

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

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- Lecture 30 - Applied Environmental Microbiology
- Lecture 31 - Techniques in Environmental Microbiology - I
- Lecture 32 - Techniques in Environmental Microbiology - II
- Lecture 33 - Bioremediation - I
- Lecture 34 - Bioremediation - II
- Lecture 35 - Bioremediation - III
- Lecture 36 - Wastewater Microbiology - I
- Lecture 37 - Wastewater Microbiology - II
- Lecture 38 - Built Microbiology
- Lecture 39 - Exposomes - I
- Lecture 40 - Exposomes - II
- Lecture 41 - Drinking Water Microbiology - I
- Lecture 42 - Drinking Water Microbiology - II
- Lecture 43 - Drinking Water Microbiology - III
- Lecture 44 - Drinking Water Microbiology - IV
- Lecture 45 - Drinking Water Microbiology - V
- Lecture 46 - Solid Waste Microbiology - I
- Lecture 47 - Solid Waste Microbiology - II
- Lecture 48 - Solid Waste Microbiology - III
- Lecture 49 - Antimicrobial Resistance - I
- Lecture 50 - Antimicrobial Resistance - II
- Lecture 51 - Epidemiology - I
- Lecture 52 - Epidemiology - II
- Lecture 53 - Biosensors - I
- Lecture 54 - Biosensors - II
- Lecture 55 - Biosensors - III
- Lecture 56 - Bioinformatics - I
- Lecture 57 - Bioinformatics - II
- Lecture 58 - Bioinformatics - III
- Lecture 59 - Bioinformatics - IV
- Lecture 60 - Bioinformatics - V