

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

NPTEL Video Course - Architecture - NOC:Environmental Soil Chemistry

Subject Co-ordinator - Prof. Somsubhra Chakraborty

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Evolution of Soil Chemistry  
Lecture 2 - Evolution of Soil Chemistry (Continued...)  
Lecture 3 - Evolution of Soil Chemistry (Continued...)  
Lecture 4 - Evolution of Soil Chemistry (Continued...)  
Lecture 5 - Evolution of Soil Chemistry (Continued...)  
Lecture 6 - Inorganic Soil Components  
Lecture 7 - Inorganic Soil Components (Continued...)  
Lecture 8 - Inorganic Soil Components (Continued...)  
Lecture 9 - Inorganic Soil Components (Continued...)  
Lecture 10 - Inorganic Soil Components (Continued...)  
Lecture 11 - Chemistry of Soil Organic Matter  
Lecture 12 - Chemistry of Soil Organic Matter (Continued...)  
Lecture 13 - Chemistry of Soil Organic Matter (Continued...)  
Lecture 14 - Chemistry of Soil Organic Matter (Continued...)  
Lecture 15 - Chemistry of Soil Organic Matter (Continued...)  
Lecture 16 - Soil Solution-Solid Phase Equilibria and Sorption in Solids  
Lecture 17 - Soil Solution-Solid Phase Equilibria and Sorption in Solids (Continued...)  
Lecture 18 - Soil Solution-Solid Phase Equilibria and Sorption in Solids (Continued...)  
Lecture 19 - Soil Solution-Solid Phase Equilibria and Sorption in Solids (Continued...)  
Lecture 20 - Soil Solution-Solid Phase Equilibria and Sorption in Solids (Continued...)  
Lecture 21 - Ion Exchange Processes  
Lecture 22 - Ion Exchange Processes (Continued...)  
Lecture 23 - Ion Exchange Processes (Continued...)  
Lecture 24 - Ion Exchange Processes (Continued...)  
Lecture 25 - Ion Exchange Processes (Continued...)  
Lecture 26 - Kinetics of Soil Chemical Processes  
Lecture 27 - Kinetics of Soil Chemical Processes (Continued...)  
Lecture 28 - Kinetics of Soil Chemical Processes (Continued...)  
Lecture 29 - Kinetics of Soil Chemical Processes (Continued...)

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- Lecture 30 - Kinetics of Soil Chemical Processes (Continued...)
- Lecture 31 - Redox Chemistry of Soils
- Lecture 32 - Redox Chemistry of Soils (Continued...)
- Lecture 33 - Redox Chemistry of Soils (Continued...)
- Lecture 34 - Redox Chemistry of Soils (Continued...)
- Lecture 35 - Redox Chemistry of Soils (Continued...)
- Lecture 36 - Soil Pollutants
- Lecture 37 - Soil Pollutants (Continued...)
- Lecture 38 - Soil Pollutants (Continued...)
- Lecture 39 - Soil Pollutants (Continued...)
- Lecture 40 - Soil Pollutants (Continued...)
- Lecture 41 - Pollutant-Soil Solution Interaction
- Lecture 42 - Pollutant-Soil Solution Interaction (Continued...)
- Lecture 43 - Pollutant-Soil Solution Interaction (Continued...)
- Lecture 44 - Pollutant-Soil Solution Interaction (Continued...)
- Lecture 45 - Pollutant-Soil Solution Interaction (Continued...)
- Lecture 46 - Retention of Pollutants on and within Soil Solid Phases
- Lecture 47 - Retention of Pollutants on and within Soil Solid Phases (Continued...)
- Lecture 48 - Retention of Pollutants on and within Soil Solid Phases (Continued...)
- Lecture 49 - Retention of Pollutants on and within Soil Solid Phases (Continued...)
- Lecture 50 - Retention of Pollutants on and within Soil Solid Phases (Continued...)
- Lecture 51 - Modeling the Fate of Pollutants in Soil, Risk and Remedies
- Lecture 52 - Modeling the Fate of Pollutants in Soil, Risk and Remedies (Continued...)
- Lecture 53 - Modeling the Fate of Pollutants in Soil, Risk and Remedies (Continued...)
- Lecture 54 - Modeling the Fate of Pollutants in Soil, Risk and Remedies (Continued...)
- Lecture 55 - Modeling the Fate of Pollutants in Soil, Risk and Remedies (Continued...)
- Lecture 56 - Analytical Techniques for Assessing Soil Pollution
- Lecture 57 - Analytical Techniques for Assessing Soil Pollution (Continued...)
- Lecture 58 - Analytical Techniques for Assessing Soil Pollution (Continued...)
- Lecture 59 - Analytical Techniques for Assessing Soil Pollution (Continued...)
- Lecture 60 - Analytical Techniques for Assessing Soil Pollution (Continued...)