

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

NPTEL Video Course - Chemistry and Biochemistry - Rate processes

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Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Rate Processes
- Lecture 2 - Reaction Rates and Rate Laws
- Lecture 3 - Effect of Temperature on Reaction Rate
- Lecture 4 - Effect of Temperature on Reaction Rate (Continued...)
- Lecture 5 - Complex Reaction
- Lecture 6 - Complex Reaction (Continued...)
- Lecture 7 - Complex Reaction (Continued...)
- Lecture 8 - Complex Reaction (Continued...)
- Lecture 9 - Theories of Reaction Rate
- Lecture 10 - Theories of Reaction Rate (Continued...)
- Lecture 11 - Theories of Reaction Rate (Continued...)
- Lecture 12 - Theories of Reaction Rate (Continued...)
- Lecture 13 - Theories of Reaction Rate (Continued...)
- Lecture 14 - Kinetics of Some Specific Reactions
- Lecture 15 - Kinetics of Some Specific Reactions (Continued...)
- Lecture 16 - Enzyme Inhibition
- Lecture 17 - Oscillatory Reactions
- Lecture 18 - Acid Base Catalysis
- Lecture 19 - Acid Base Catalysis (Continued...)
- Lecture 20 - Kinetic Isotope Effects
- Lecture 21 - Fast Reactions
- Lecture 22 - Fast Reactions (Continued...)
- Lecture 23 - Magneto Kinetics
- Lecture 24 - Reactions in Solutions
- Lecture 25 - Reactions in Solutions (Continued...)
- Lecture 26 - Kinetics at Electrodes
- Lecture 27 - Kinetics at Electrodes (Continued...)
- Lecture 28 - Ultrafast Process
- Lecture 29 - Ultrafast Process (Continued...)

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- Lecture 30 - Ultrafast Process (Continued...)
- Lecture 31 - Reaction Dynamics
- Lecture 32 - Reaction Dynamics (Continued...)
- Lecture 33 - Reaction Dynamics (Continued...)
- Lecture 34 - Reaction Dynamics
- Lecture 35 - Reaction Dynamics
- Lecture 36 - Reaction Dynamics
- Lecture 37 - Reaction Dynamics
- Lecture 38 - Reaction Dynamics
- Lecture 39 - Reaction Dynamics
- Lecture 40 - Concluding Remarks