NPTEL Video Course - Biotechnology - NOC:Aspects Of Biochemical Engineering

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Co-ordinating Institute - IIT - Kharagpur

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

Lecture 30 - Kinetics of enzyme catalyzed reactions using immobilized enzymes - II
Lecture 31 - Kinetics of substrate utilization, product formation and biomass production of microbial cells -
Lecture 32 - Kinetics of substrate utilization, product formation and biomass production of microbial cells -
Lecture 33 - Kinetics of substrate utilization, product formation and biomass production of microbial cells -
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Lecture 38 - Kinetics of substrate utilization, product formation and biomass production of microbial cells -
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Lecture 40 - Kinetics of substrate utilization, product formation and biomass production of microbial cells -
Lecture 41 - Kinetics of substrate utilization, product formation and biomass production of microbial cells -
Lecture 42 - Design and analysis of activated sludge process - I
Lecture 43 - Design and analysis of activated sludge process - II
Lecture 44 - Design and analysis of anaerobic digestion process
Lecture 45 - Scale up of Bioreactor - I
Lecture 46 - Scale up of Bioreactor - II
Lecture 47 - Transport Phenomenon in Bioprocess - I
Lecture 48 - Transport Phenomenon in Bioprocess - II
Lecture 49 - Transport Phenomenon in Bioprocess - III
Lecture 50 - Transport Phenomenon in Bioprocess - IV
Lecture 51 - Air sterilization - I
Lecture 52 - Air sterilization - II
Lecture 53 - Medium sterilization - I
Lecture 54 - Medium sterilization - II
Lecture 55 - Operation of industrial fermenter and material analysis
Lecture 56 - Process control of the biochemical processes
Lecture 57 - Downstream processing - I
Lecture 58 - Downstream processing - II
Lecture 59 - Economic analysis of the biochemical processes
Lecture 60 - Summary and Conclusion