

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

NPTEL Video Course - Mechanical Engineering - NOC:Heat Exchangers: Fundamentals and Design Analysis

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Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Introduction  
Lecture 2 - Applications of Heat Exchangers  
Lecture 3 - Classification of Heat Exchangers  
Lecture 4 - Classification of Heat Exchangers (Continued...)  
Lecture 5 - Design and Simulation of Heat Exchangers  
Lecture 6 - Design and Simulation  
Lecture 7 - Design and Simulation of Heat Exchangers - Numerical Problem  
Lecture 8 - Design and Simulation of Heat Exchangers - Numerical Problem (Continued...)  
Lecture 9 - Design and Simulation of Heat Exchangers - Numerical Problem (Continued...)  
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Lecture 11 - Tubular Heat Exchanger Types  
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Lecture 14 - Tubular Heat Exchanger  
Lecture 15 - Tubular Heat Exchanger  
Lecture 16 - Enhancement of Heat Transfer compact Heat Exchangers  
Lecture 17 - Extended Surface Heat Transfer  
Lecture 18 - Extended Surface Heat Transfer  
Lecture 19 - Extended Surface Heat Exchangers  
Lecture 20 - Analysis of fin plates of finned tube heat exchanger  
Lecture 21 - Finned tube heat exchanger  
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Lecture 23 - Finned tube heat exchanger (Continued...)  
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Lecture 26 - Plate fin heat exchanger (Continued...)  
Lecture 27 - Plate fin heat exchanger  
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Lecture 29 - Plate fin heat exchanger

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