

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

NPTEL Video Course - Mechanical Engineering - Introduction to Turbomachines

Subject Co-ordinator - Prof. Babu Viswanathan

Co-ordinating Institute - IIT - Madras

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

Lecture 1 - Introduction  
Lecture 2 - Basic Theory of Turbomachines - Part 1  
Lecture 3 - Basic Theory of Turbomachines - Part 2  
Lecture 4 - Basic Theory of Turbomachines - Part 3  
Lecture 5 - Basic Theory of Turbomachines - Part 4  
Lecture 6 - Basic Theory of Turbomachines - Part 5  
Lecture 7 - Basic Theory of Turbomachines - Part 6  
Lecture 8 - Hydro Turbomachines - Centrifugal pumps - Part 1  
Lecture 9 - Hydro Turbomachines - Centrifugal pumps - Part 2  
Lecture 10 - Hydro Turbomachines - Centrifugal pumps - Part 3  
Lecture 11 - Hydro Turbomachines - Centrifugal pumps - Part 4  
Lecture 12 - Hydro Turbomachines - Francis turbine - Part 1  
Lecture 13 - Hydro Turbomachines - Francis turbine - Part 2  
Lecture 14 - Hydro Turbomachines - Kaplan turbine  
Lecture 15 - Hydro Turbomachines - Pelton turbine  
Lecture 16 - Positive Displacement Pumps - Gear pump  
Lecture 17 - Thermal Turbomachines - Introduction  
Lecture 18 - Thermal Turbomachines - Gas turbines  
Lecture 19 - Thermal Turbomachines - Steam Turbines  
Lecture 20 - Thermal Turbomachines - Part 1  
Lecture 21 - Thermal Turbomachines - Part 2