

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

NPTEL Video Course - Mechanical Engineering - NOC:Turbulent Combustion: Theory and Modelling

Subject Co-ordinator - Prof. Ashoke De

Co-ordinating Institute - IIT - Kanpur

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

Lecture 1 - Introduction to Combustion  
Lecture 2 - Introduction to Combustion (Continued...)  
Lecture 3 - Introduction to Combustion (Continued...)  
Lecture 4 - Introduction to Combustion (Continued...) + Combustion and Thermochemistry  
Lecture 5 - Combustion and Thermochemistry  
Lecture 6 - Combustion and Thermochemistry (Continued...)  
Lecture 7 - Combustion and Thermochemistry (Continued...) + Chemical Kinetics  
Lecture 8 - Chemical Kinetics (Continued...)  
Lecture 9 - Chemical Kinetics (Continued...)  
Lecture 10 - Chemical Kinetics (Continued...) + Combustion Chemistry  
Lecture 11 - Combustion Chemistry (Continued...)  
Lecture 12 - Heat and Mass Transfer  
Lecture 13 - Heat and Mass Transfer + Coupling of Chemical Kinetics and Thermodynamics  
Lecture 14 - Coupling of Chemical Kinetics and Thermodynamics (Continued...)  
Lecture 15 - Coupling of Chemical Kinetics and Thermodynamics + Laminar Premixed Flames  
Lecture 16 - Laminar Premixed Flames (Continued...)  
Lecture 17 - Laminar Premixed Flames (Continued...)  
Lecture 18 - Laminar Premixed Flames (Continued...) + Laminar Non-Premixed Flames  
Lecture 19 - Laminar Non-Premixed Flames (Continued...)  
Lecture 20 - Laminar Non-Premixed Flames (Continued...)  
Lecture 21 - Laminar Non-Premixed Flames  
Lecture 22 - Laminar Non-Premixed Flames (Continued...)  
Lecture 23 - Laminar Non-Premixed Flames (Continued...)  
Lecture 24 - Laminar Non-Premixed Flames (Continued...)  
Lecture 25 - Laminar Non-Premixed Flames (Continued...)  
Lecture 26 - Laminar Non-Premixed Flames + Turbulence  
Lecture 27 - Turbulence  
Lecture 28 - Turbulence  
Lecture 29 - Turbulence

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