

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

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NPTEL Video Course - Physics - NOC:Modern Optics

Subject Co-ordinator - Prof. Partha Roy Choudhuri

Co-ordinating Institute - IIT - Kharagpur

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

- Lecture 1 - Maxwell's equations and electromagnetic waves
- Lecture 2 - Maxwell's equations and electromagnetic waves (Continued...)
- Lecture 3 - Maxwell's equations and electromagnetic waves (Continued...)
- Lecture 4 - Maxwell's equations and electromagnetic waves (Continued...)
- Lecture 5 - Maxwell's equations and electromagnetic waves (Continued...)
- Lecture 6 - Maxwell's equations and electromagnetic waves (Continued...)
- Lecture 7 - Maxwell's equations and electromagnetic waves (Continued...)
- Lecture 8 - Wave propagation in anisotropic media
- Lecture 9 - Wave propagation in anisotropic media (Continued...)
- Lecture 10 - Wave propagation in anisotropic media (Continued...)
- Lecture 11 - Wave propagation in anisotropic media (Continued...)
- Lecture 12 - Wave propagation in anisotropic media (Continued...)
- Lecture 13 - Wave propagation in layered structures
- Lecture 14 - Wave propagation in layered structures (Continued...)
- Lecture 15 - Wave propagation in layered structures (Continued...)
- Lecture 16 - Wave propagation in layered structures (Continued...)
- Lecture 17 - Wave propagation in layered structures (Continued...)
- Lecture 18 - Waves in guided structures and modes
- Lecture 19 - Waves in guided structures and modes (Continued...)
- Lecture 20 - Waves in guided structures and modes (Continued...)
- Lecture 21 - Waves in guided structures and modes (Continued...)
- Lecture 22 - Waves in guided structures and modes (Continued...)
- Lecture 23 - Waves in guided structures and modes (Continued...)
- Lecture 24 - Coupling of waves and optical couplers
- Lecture 25 - Coupling of waves and optical couplers (Continued...)
- Lecture 26 - Coupling of waves and optical couplers (Continued...)
- Lecture 27 - Coupling of waves and optical couplers (Continued...)
- Lecture 28 - Coupling of waves and optical couplers (Continued...)
- Lecture 29 - Electro-optic Effect

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Lecture 30 - Electro-optic Effect (Continued...)  
Lecture 31 - Electro-optic Effect (Continued...)  
Lecture 32 - Electro-optic Effect (Continued...)  
Lecture 33 - Electro-optic Effect (Continued...)  
Lecture 34 - Electro-optic Modulators and Devices  
Lecture 35 - Electro-optic Modulators and Devices (Continued...)  
Lecture 36 - Electro-optic Modulators and Devices (Continued...)  
Lecture 37 - Electro-optic Modulators and Devices (Continued...)  
Lecture 38 - Electro-optic Modulators and Devices (Continued...)  
Lecture 39 - Electro-optic Modulators and Devices (Continued...)  
Lecture 40 - Electro-optic Modulators and Devices (Continued...)  
Lecture 41 - Acousto-optic Effect  
Lecture 42 - Acousto-optic Effect (Continued...)  
Lecture 43 - Acousto-optic Effect (Continued...)  
Lecture 44 - Acousto-optic Effect (Continued...)  
Lecture 45 - Acousto-optic Effect (Continued...)  
Lecture 46 - Acousto-optic Effect (Continued...)  
Lecture 47 - Acousto-optic Effect (Continued...)  
Lecture 48 - Acousto-optic Effect (Continued...)  
Lecture 49 - Acousto-optic Effect (Continued...)  
Lecture 50 - Acousto-optic Effect (Continued...)  
Lecture 51 - Acousto-optic Effect (Continued...)  
Lecture 52 - Acousto-optic Effect (Continued...)  
Lecture 53 - Acousto-optic Effect (Continued...)  
Lecture 54 - Acousto-optic Modulators and Devices  
Lecture 55 - Acousto-optic Modulators and Devices (Continued...)  
Lecture 56 - Acousto-optic Modulators and Devices (Continued...)  
Lecture 57 - Acousto-optic Modulators and Devices (Continued...)  
Lecture 58 - Magneto-optic Effect  
Lecture 59 - Magneto-optic Effect (Continued...)