

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

NPTEL Video Course - Electrical Engineering - NOC:Fundamentals of Electrical Engineering

Subject Co-ordinator - Prof. Debapriya Das

Co-ordinating Institute - IIT - Kharagpur

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

Lecture 1 - Basic Concepts, Examples

Lecture 2 - Basic Concepts, Examples (Continued...)

Lecture 3 - Basic Concepts, Examples (Continued...)

Lecture 4 - Basic Concepts, Examples (Continued...)

Lecture 5 - Basic Laws

Lecture 6 - Basic Laws (Continued...)

Lecture 7 - Basic Laws (Continued...)

Lecture 8 - Basic Laws (Continued...)

Lecture 9 - Basic Laws (Continued...)

Lecture 10 - Basic Laws (Continued...)

Lecture 11 - Methods of Circuit Analysis

Lecture 12 - Methods of Circuit Analysis (Continued...)

Lecture 13 - Methods of Circuit Analysis (Continued...)

Lecture 14 - Methods of Circuit Analysis (Continued...)

Lecture 15 - Methods of Circuit Analysis (Continued...)

Lecture 16 - Methods of Circuit Analysis (Continued...)

Lecture 17 - Mesh analysis with current sources, Examples

Lecture 18 - Methods of Circuit Analysis (Continued...) and Circuit Theorems

Lecture 19 - Circuit Theorems (Continued...)

Lecture 20 - Circuit Theorems (Continued...)

Lecture 21 - Circuit Theorems (Continued...)

Lecture 22 - Circuit Theorems (Continued...)

Lecture 23 - Circuit Theorems (Continued...)

Lecture 24 - Circuit Theorems (Continued...)

Lecture 25 - Circuit Theorems (Continued...) and Capacitors and Inductors

Lecture 26 - Capacitors and Inductors (Continued...)

Lecture 27 - Capacitors and Inductors (Continued...)

Lecture 28 - Capacitors and Inductors (Continued...)

Lecture 29 - First Order Circuits

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- Lecture 30 - First Order Circuits (Continued...)
- Lecture 31 - First Order Circuits (Continued...)
- Lecture 32 - First Order Circuits (Continued...)
- Lecture 33 - First Order Circuits (Continued...)
- Lecture 34 - First Order Circuits (Continued...)
- Lecture 35 - First Order Circuits (Continued...)
- Lecture 36 - First Order Circuits (Continued...)
- Lecture 37 - Single phase AC circuits
- Lecture 38 - Single phase AC circuits (Continued...)
- Lecture 39 - Single phase AC circuits (Continued...)
- Lecture 40 - Single phase AC circuits (Continued...)
- Lecture 41 - Single phase AC circuits (Continued...)
- Lecture 42 - Single phase AC circuits (Continued...)
- Lecture 43 - Single phase AC circuits (Continued...)
- Lecture 44 - Resonance and Maximum Power Transfer Theorem
- Lecture 45 - Resonance and Maximum Power Transfer Theorem (Continued...)
- Lecture 46 - Resonance and Maximum Power Transfer Theorem (Continued...)
- Lecture 47 - Three phase circuits
- Lecture 48 - Three phase circuits (Continued...)
- Lecture 49 - Three phase circuits (Continued...)
- Lecture 50 - Three phase circuits (Continued...)
- Lecture 51 - Magnetic Circuits
- Lecture 52 - Magnetic Circuits (Continued...)
- Lecture 53 - Magnetic Circuits (Continued...)
- Lecture 54 - Single Phase Transformer
- Lecture 55 - Single Phase Transformer (Continued...)
- Lecture 56 - Single Phase Transformer (Continued...)
- Lecture 57 - Single Phase Transformer (Continued...)
- Lecture 58 - Three phase Induction Motors
- Lecture 59 - Three phase Induction Motors (Continued...)
- Lecture 60 - Three phase Induction Motors (Continued...)
- Lecture 61 - Three phase Induction Motors (Continued...)
- Lecture 62 - DC Motors
- Lecture 63 - DC Motors (Continued...)
- Lecture 64 - DC Motors (Continued...)