

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

NPTEL Video Course - Electrical Engineering - NOC:Power System Protection and Switchgear

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Co-ordinating Institute - IIT - Roorkee

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

Lecture 1 - Fundamentals of Protective Relaying - I
Lecture 2 - Fundamentals of Protective Relaying - II
Lecture 3 - Fundamentals of Protective Relaying - III
Lecture 4 - Fundamentals of Protective Relaying - IV
Lecture 5 - Fundamentals of Protective Relaying - V
Lecture 6 - Current based Relaying Scheme - I
Lecture 7 - Current based Relaying Scheme - II
Lecture 8 - Current based Relaying Scheme - III
Lecture 9 - Current based Relaying Scheme - IV
Lecture 10 - Current based Relaying Scheme - V
Lecture 11 - Current based Relaying Scheme - VI
Lecture 12 - Current based Relaying Scheme - VII
Lecture 13 - Current based Relaying Scheme - VIII
Lecture 14 - Protection of Transmission Lines using Distance Relays - I
Lecture 15 - Protection of Transmission Lines using Distance Relays - II
Lecture 16 - Protection of Transmission Lines using Distance Relays - III
Lecture 17 - Protection of Transmission Lines using Distance Relays - IV
Lecture 18 - Protection of Transmission Lines using Distance Relays - V
Lecture 19 - Carrier Aided Schemes for Transmission Lines - I
Lecture 20 - Carrier Aided Schemes for Transmission Lines - II
Lecture 21 - Carrier Aided Schemes for Transmission Lines - III
Lecture 22 - Carrier Aided Schemes for Transmission Lines - IV
Lecture 23 - Auto-reclosing and Synchronizing - I
Lecture 24 - Auto-reclosing and Synchronizing - II
Lecture 25 - Auto-reclosing and Synchronizing - III
Lecture 26 - Protection of Transformers - I
Lecture 27 - Protection of Transformers - II
Lecture 28 - Protection of Generators - I
Lecture 29 - Protection of Generators - II

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- Lecture 30 - Protection of Induction Motors
- Lecture 31 - Protection of Busbars
- Lecture 32 - Protection against Transients and Surges along with System Response to Severe Upsets - I
- Lecture 33 - Protection against Transients and Surges along with System Response to Severe Upsets - II
- Lecture 34 - Arc Interruption Theory in Circuit Breaker - I
- Lecture 35 - Arc Interruption Theory in Circuit Breaker - II
- Lecture 36 - Arc Interruption Theory in Circuit Breaker - III
- Lecture 37 - Arc Interruption Theory in Circuit Breaker - IV
- Lecture 38 - Types of Circuit Breakers
- Lecture 39 - Testing, Commissioning and Maintenance of Relays - I
- Lecture 40 - Testing, Commissioning and Maintenance of Relays - II