

Table of Content

Unit 1: Electrical Engineering

- Chapter 1: Electrical Engineering
- Chapter 2: Academic Electrical Engineer
- Chapter 3: Energy
- Chapter 4: Electricity
- Chapter 5: Science of Electricity

Unit 2: Power Engineering

- Chapter 1: Power plant
- Chapter 2: Electrical grid
- Chapter 3: Substation
- Chapter 4: Electric motors
- Chapter 5: Transformers

Unit 3: Electronic Engineering

- Chapter 1: Electronic systems
- Chapter 2: Power electronics
- Chapter 3: Signal processing
- Chapter 4: Microprocessor
- Chapter 5: Robotics

Unit 4: Communication Engineering

- Chapter 1: Telecommunication systems
- Chapter 2: Fiber optics
- Chapter 3: Wireless services
- Chapter 4: Internet and Broadband Technologies
- Chapter 5: Mobile Network

Unit 5: Control Engineering

- Chapter 1: Control systems
- Chapter 2: Control and instrumentation
- Chapter 3: Intelligent control
- Chapter 4: Distributed Control Systems (DCS)
- Chapter 5: Programmable Logic Controller (PLC)

References

Glossary

Appendices