

J B Gupta Electrical Engineering Free

Elements Of Power Systems Basic Analog Electronics Generation, Distribution and Utilization of Electrical Energy Basic Electrical And Electronics Engineering A Course In Electrical Power Basic Electronics (Mdu) Fundamentals Of Electrical Engg. & Electronics Electrical Measurements & Measuring Instrument Electrical Machines Utilization Of Electric Power & Electric Traction Basic Electrical Engineering An Integrated Course In Electrical Engineering (3rd Edition) Electrical Engineering (O.T.) Fundamentals of Electrical Engineering Electrical Technology Bulletin of the Institution of Engineers (India). Transmission & Distribution Of Electrical Power Civil Engineering Basic Electrical and Electronics Engineering: Transmission and Distribution of Electrical Power Signals and Systems Electrical Engineering (Uptu) Two Colour (5th Edition) Electrical Installation Estimating & Costing Fundamental Of Elect. Engg. & Electronics (M.E.) Basic Electrical Engineering Basic Electrical Engineering Fundamentals of Electrical Engineering and Electronics Principles of Power System Basic Electrical Engineering Electrical Engineering Advanced Electrical and Electronics Materials A Course In Electronics & Electrical Measurements And Instrumentation Electronic Devices And Circuits Objective Electrical Technology Electrical Measurements and Measuring Instruments A Course in Electrical Installation Estimating and Costing A Course In Electrical Technology (For Degree) (13th Edition) Electrical Science (I.P) An Integrated Course in Electrical Engineering Switchgear And Protection

Elements Of Power Systems

Basic Analog Electronics

Electrical Engineering Essence of electricity, Conductors, Semiconductors and insulators (elementary treatment only); Electric field, electric current, Potential and potential difference, Electromotive force, Electric power, Ohm's law, Basic circuit components, Electromagnetism related laws, Magnetic field due to electric current flow, Force on a current carrying conductor placed in a magnetic field, Faradays laws of electromagnetic induction. Types of induced EMF's, Kirchhoff's laws, Simple problems. Network Analysis Basic definitions, Types of elements, types of sources, Resistive networks, Inductive networks, Capacitive networks, Series parallel circuits, Star delta and delta star transformation, Network theorems-Superposition, Thevenin's, Maximum power transfer theorems and simple problems. Magnetic Circuits Basic definitions, Analogy between electric and magnetic circuits, Magnetization characteristics of Ferro magnetic materials, Self inductance and mutual inductance, Energy in linear magnetic systems, Coils connected in series, Attracting force or electromagnets. Alternating Quantities Principle of ac voltages, Waveforms and basic definitions, Relationship between frequency, Speed and

number of poles, Root mean square and average values of alternating currents and voltage, form factor and peak factor, Phasor representation of alternating quantities, The J operator and phasor algebra, analysis of ac circuits with single basic network element, single phase series circuits, Single phase parallel circuits, Single phase series parallel circuits, Power in ac circuits. Transformers Principles of operation, Constructional details, Ideal Transformer and Practical Transformer, Losses, Transformer Test, Efficiency and Regulation Calculations. Direct current machines Principle of operation of dc machines, Armature windings, E.M.F. equation in a dc machine, Torque production in a dc machine, Operation of a dc machine as a generator, Operation of a dc machine as a motor. A.C. Machines Three phase induction motor, principle of operation, Slip and rotor frequency, Torque (simple problems). Synchronous Machines Principle of operation, EMF equation (Simple problems on EMF). Synchronous motor principle and operation (Elementary treatment only) Basic Instrument Classification of instruments, Operating principles, Essential features of measuring instruments, Moving coil permanent magnet (PMMC) instruments, Moving Iron of Ammeters and Voltmeters (elementary treatment only).

Generation, Distribution and Utilization of Electrical Energy

Basic Electrical And Electronics Engineering

A Course In Electrical Power

Basic Electronics (Mdu)

Fundamentals Of Electrical Engg. & Electronics

Electrical Measurements & Measuring Instrument

This book 'Signals and Systems' is a detailed textbook designed for undergraduate students of various branches of Engineering. The book uses a student-friendly approach to explain the fundamental concepts of Signals and Systems. It includes a large number of solved examples with step-by-step solutions for easier understanding of the theoretical concepts. Beginning with concepts of signals, the book moves on to other topics such as convolution and correlation of signals, CTFS, DTFS, CTFT, Sampling, Laplace Transform, and Z-Transform. Further, the subject

matter is presented by illustrating the concepts first through theoretical concepts along with mathematical reasoning and then through solved examples. Solving the number of multiple choice questions and numerical exercises at the end of the chapters will help students to apply the concepts learnt in the chapters.

Electrical Machines

Utilization Of Electric Power & Electric Traction

Basic Electrical Engineering

An Integrated Course In Electrical Engineering (3rd Edition)

Electrical Engineering (O.T.)

Fundamentals of Electrical Engineering

Electrical Technology

Bulletin of the Institution of Engineers (India).

Transmission & Distribution Of Electrical Power

Civil Engineering

Basic Electrical and Electronics Engineering:

Transmission and Distribution of Electrical Power

Signals and Systems

Basic Electrical and Electronics Engineering provides an overview of the basics of electrical and electronic engineering that are required at the undergraduate level. The book allows students outside electrical and electronics engineering to easily

Electrical Engineering (Uptu) Two Colour (5th Edition)

This edition has been thoroughly revised and enlarged. It is still considered to be a must for all those sitting Civil Engineering examinations.

Electrical Installation Estimating & Costing

This Book extensive pruning of the solved Examples in the text. Majority of the old examples have been replaced by questions set in the latest examination papers of different engineering colleges and technical institutions.

Fundamental Of Elect.Engg. & Electronics (M.E.)

Basic Electrical Engineering

Basic Electrical Engineering

Fundamentals of Electrical Engineering and Electronics

Principles of Power System

Basic Electrical Engineering

This book is designed based on revised syllabus of Gujarat Technological University, Gujarat (AICTE model curriculum) for under-graduate (B.Tech/BE) students of all branches, those who study Basic Electrical Engineering as one of the subject in their curriculum. The primary goal of this book is to establish a firm understanding of the basic laws of Electric Circuits, Network Theorems, Resonance, Three-phase circuits, Transformers, Electrical Machines and Electrical Installation.

Electrical Engineering

Advanced Electrical and Electronics Materials

A Course In Electronics & Electrical Measurements And Instrumentation

Electronic Devices And Circuits

The subject of power systems has assumed considerable importance in recent years and growing demand for a compact work has resulted in this book. A new chapter has been added on Neutral Grounding.

Objective Electrical Technology

Electrical Measurements and Measuring Instruments

A Course in Electrical Installation Estimating and Costing

In the present edition, authors have made sincere efforts to make the book up-to-date. A notable feature is the inclusion of two chapters on Power System. It is hoped that this edition will serve the readers in a more useful way.

A Course In Electrical Technology (For Degree) (13th Edition)

This comprehensive and unique book is intended to cover the vast and fast-growing field of electrical and electronic materials and their engineering in accordance with modern developments. Basic and pre-requisite information has been included for easy transition to more complex topics. Latest developments in various fields of materials and their sciences/engineering, processing and applications have been included. Latest topics like PLZT, vacuum as insulator, fiber-optics, high temperature superconductors, smart materials, ferromagnetic semiconductors etc. are covered. Illustrations and examples encompass different engineering disciplines such as robotics, electrical, mechanical, electronics, instrumentation and control, computer, and their inter-disciplinary branches. A variety of materials ranging from iridium to garnets, microelectronics, micro alloys to memory devices, left-handed materials, advanced and futuristic materials are described in detail.

Electrical Science (I.P)

Read Book J B Gupta Electrical Engineering Free

An Integrated Course in Electrical Engineering

Switchgear And Protection

[ROMANCE](#) [ACTION & ADVENTURE](#) [MYSTERY & THRILLER](#) [BIOGRAPHIES & HISTORY](#) [CHILDREN'S](#) [YOUNG ADULT](#) [FANTASY](#) [HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)