

A Basic Electrical Engineering

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Mirafzal publishes textbook on power electronics

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Monitoring glucose levels, no needles required

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Top trends in the construction industry in 2022

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Rice Scientists Create Nanostructures of Silica for Electronic, Photonic Devices

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PPPL ' s Summer Interns Experience Real-world Research

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Resurrecting Quasicrystals: Self-Healing Phenomenon Makes an Exotic Material Commercially Viable

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University of Louisville opens dedicated space for robotics research, education and collaboration

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New wearable and noninvasive device created for less intrusive glucose monitoring

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Two successful businessmen combine their passions to help rehabilitate homes in Milwaukee and, more important, lives

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This book deals with the fundamentals of electrical engineering concepts like design & application of circuitry, equipment for power generation & distribution and machine control. Features Transformers discussed in detail. Thoroughly revised chapters on Single and Three-Phases Induction Motors. New chapter on: 1. Three-Phase Alternator 2. Electromechanical Energy Conversion 3. Testing of DC Machines

This third edition of Basic Electrical Engineering provides a lucid exposition of the principles of electrical engineering. The book provides an exhaustive coverage of topics such as network theory and analysis, magnetic circuits and energy conversion, ac and dc machines, basic analogue instruments, and power systems. The book also gives an introduction to illumination concepts.

This Book Is Written For Use As A Textbook For The Engineering Students Of All Disciplines At The First Year Level Of The B.Tech. Programme. The Text Material Will Also Be Useful For Electrical Engineering Students At Their Second Year And Third Year Levels.It Contains Four Parts, Namely, Electrical Circuit Theory, Electromagnetism And Electrical Machines, Electrical Measuring Instruments, And Lastly The Introduction To Power Systems. This Book Also Contains A Good Number Of Solved And Unsolved Numerical Problems. At The End Of Each Chapter References Are Included For Those Interested In Pursuing A Detailed Study.

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