J B Gupta Electronics Engineering

Electrical Engineering Projects| Electronics Engineering Projects| Other Engineering Projects
This book includes high-quality, peer-reviewed papers from the International Conference on Recent Advancement in Computer, Communication and Computational Sciences (RACCCS-2017), held at Aryabhatta College of Engineering & Research Center, Ajmer, India on September 2–3, 2017, presenting the latest developments and technical solutions in computational sciences. Data science, data- and knowledge engineering require networking and communication as a backbone and have a wide scope of implementation in engineering sciences. Keeping this ideology in mind, the book offers insights that reflect the advances in these fields from upcoming researchers and leading academicians across the globe. Covering a variety of topics, such as intelligent hardware and software design, advanced communications, intelligent computing technologies, advanced software engineering, the web and informatics, and intelligent image processing, it helps those in the computer industry and academia use the advances of next-generation communication and computational technology to shape real-world applications.
Bulletin of Electrical Engineering and Informatics is a peer-reviewed journal that publishes material on all aspects of electrical, electronics, instrumentation, control,

telecommunication, computer engineering, information technology and informatics from the global world.

ELECTRICAL TECHNOLOGY is systematically developed to meet the syllabus of undergraduate course in Electrical Engineering of various universities. The complicated concepts are explained in a lucid manner with the help of necessary diagrams and waveforms. Comprehensive coverage has been made to explain the concepts of application-level topics like Electric Traction and Power Electronics. Review questions have been added at the end of each chapter for better understanding of the subject apart from numerous numerical and design problems.

This book gathers high-quality papers presented at the 2nd International Conference on Communication, Devices & Computing (ICCDC 2019), held at Haldia Institute of Technology from March 14–15, 2019. The papers are divided into three main areas: communication technologies, electronics circuits & devices and computing. Written by students and researchers from around the world, they accurately reflect the global status quo.

This book introduces research presented at the "International Conference on Artificial Intelligence: Advances and Applications-2019 (ICAIAA 2019)," a two-day conference and workshop bringing together leading academicians, researchers as well as students to share their experiences and findings on all aspects of engineering applications of artificial intelligence. The book covers research in the areas of artificial intelligence, machine learning, and deep learning applications in health care, agriculture, business and security. It also includes research in core concepts of computer networks, intelligent system design and

deployment, real-time systems, WSN, sensors and sensor nodes, SDN and NFV. As such it is a valuable resource for students, academics and practitioners in industry working on AI applications.

Bulletin of Electrical Engineering and Informatics (Buletin Teknik Elektro dan Informatika) ISSN: 2089-3191, e-ISSN: 2302-9285 is open to submission from scholars and experts in the wide areas of electrical, electronics, instrumentation, control, telecommunication and computer engineering from the global world. The journal publishes original papers in the field of electrical, electronics, instrumentation & control, telecommunication, computer and informatics engineering. Vol 2, No 4 December 2013 Table of Contents Numerical Study of CNT Micro Fin Array for Cooling Application PDF Sajjad Nabizadeh, T. Fanaei Sheikholeslami, Amin Behzadmehr 233-239 Adaptive E-Learning Based on Learner's Styles PDF Hazem M. El-Bakry, Ahmed A. Saleh 240-251 Particle Swarm Optimization in Solving Capacitated Vehicle Routing Problem PDF M. M. Tavakoli, Ashkan Sami 252-257 Predictive Power Control of Grid and Rotor Side converters in Doubly Fed Induction Generators Based Wind Turbine PDF Abdelmalek Boulahia, Mehdi Adel, Hocine Benalla 258-264 High Gain Interleaved Boost Converter for Fuel Cell Applications PDF R. Seyezhai, R. Anitha, S. Mahalakshmi, M. Bhavani 265-271 A Variable Speed Wind Generation System Based on Doubly Fed Induction Generator PDF Radita Arindya 272-277 Innovative Double H Metamaterial Structure for Amelioration in Patch Antenna Parameters PDF Bimal Garg, Dauood Saleem 278-285 The Design of Electronic Toll Collection System Based on Radio-Frequency Identification PDF Zhang Hui 286-292 A New Block S-Random Interleaver for Shorter Length Frames for Turbo Codes PDF Mohammad Salim, R.P. Yadav, Kapil Narwal, Aarti Sharma 293-298

The Third Revised And Enlarged Edition Of The Directory Of Libraries In India Contains Much Larger Number Of Addresses Of Libraries In India. Special Chapters Have Been Added On Addresses Of Institutions Offering Courses On Important Subjects Like Management, Medicine And Nursing, Engineering And Technology, Architecture, Law, Sports Etc.It Is Hoped That The Directory In Its Present Form Would Be Found Highly Useful By Publishers And Booksellers In Mailing Their Publicity Material. The Directory Would Also Be Useful To Librarians And Others Concerned With Educational Institutions And Organisations For Getting Information About Libraries In India.

In the present edition,authors have made sincere efforts to make the book up-to-date.A noteable 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.

This book is designed based on revised syllabus of JNTU, Hyderabad (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. This book presents the select proceedings of the International Conference on Automation, Signal Processing, Instrumentation and Control (i-CASIC) 2020. The book mainly focuses on emerging technologies in electrical systems, IoT-based instrumentation, advanced industrial automation, and advanced image and signal processing. It also includes studies on the analysis, design and implementation of instrumentation systems, and high-accuracy and energy-efficient controllers. The contents of this book will be useful for beginners, researchers

as well as professionals interested in instrumentation and control, and other allied fields. Fundamentals Of Electrical Engg. & ElectronicsElectronic Devices and CircuitsFor B.E., B.Tech., B.Sc. (Engineering), M.Sc., B.Sc. Diploma, Sec B. of A.M.I.E. (India); A.M.I.E.E. (London), Grad. I.E.T.E. (India); I.E.R.E. (London), U.P.S.C.I.E.S. and Other Various Competitive ExaminationsAn Integrated Course in Electrical EngineeringAn Integrated Course In Electrical Engineering (3rd Edition)Seagull Books Pvt LtdBasic Electrical EngineeringS. Chand Publishing

Engineers and scientists frequently find themselves having to get involved in electronic circuit design even though this may not be their specialty. This book is specifically designed for these situations, and has two major advantages for the inexperienced designer: it assumes little prior knowledge of electronics and it takes a modular approach, so you can find just what you need without working through a whole chapter. The first three parts of the book start by refreshing the basic mathematics and physics needed to understand circuit design. Part four discusses individual components (resistors, capacitors etc.), while the final and largest section describes commonly encountered circuit elements such as differentiators, oscillators, filters and couplers. A major bonus and learning aid is the inclusion of a CD-ROM with the student edition of the PSpice simulation software, together with models of most of the circuits described in the book.

Test Prep for Analog Electronics—GATE, PSUS AND ES Examination

In Materiaalkunde komen alle belangrijke materialen die toegepast worden in

werktuigbouwkundige constructies aan de orde, zoals metalen, kunststoffen en keramiek. Per materiaalgroep behandelen de auteurs: · de belangrijkste eigenschappen; · de manier van verwerking; · de beperkingen; · de belangrijkste keuzeaspecten met betrekking tot constructies; · de manier van specificatie in een technische tekening of een ontwerp. De eerste editie van Materiaalkunde verscheen alweer dertig jaar geleden. In de tussentijd is het voortdurend aangepast aan de nieuwste ontwikkelingen en het mag dan ook met recht een klassieker genoemd worden.

This book is a collection of selected research papers presented at the International Conference on Innovations in Electrical and Electronics Engineering (ICIEEE 2019), which was organized by the Guru Nanak Institutions, Ibrahimpatnam, Hyderabad, Telangana, India, on July 26–27, 2019. The book highlights the latest developments in electrical and electronics engineering, especially in the areas of power systems, power electronics, control systems, electrical machinery, and renewable energy. The solutions discussed here will encourage and inspire researchers, industry professionals, and policymakers to put these methods into practice.

Designed As A Textbook For Undergraduate Students, This Text Provides A Thorough Treatment Of The Fundamental Concepts Of Electronic Devices And Circuits. All The Fundamental Concepts Of The Subject, Including Integrated Circuit Theory, Are Covered Extensively Along With Necessary Illustrations. Special Emphasis Has Been Placed On Circuit

Diagrams, Graphs, Equivalent Circuits, Bipolar Junction Transistors And Field Effect Transistors.

The latest update on this popular textbook The importance of concepts and methods based on fuzzy logic and fuzzy set theory has been rapidly growing since the early 1990s and all the indications are that this trend will continue in the foreseeable future. Fuzzy Logic with Engineering Applications, Fourth Edition is a new edition of the popular textbook with 15% of new and updated material. Updates have been made to most of the chapters and each chapter now includes new end-of-chapter problems. Key features: New edition of the popular textbook with 15% of new and updated material. Includes new examples and end-of-chapter problems. Has been made more concise with the removal of out of date material. Covers applications of fuzzy logic to engineering and science. Accompanied by a website hosting a solutions manual and software. The book is essential reading for graduates and senior undergraduate students in civil, chemical, mechanical and electrical engineering as wells as researchers and practitioners working with fuzzy logic in industry.

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