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Advances in Computer, Communication and ControlNetwork Analysis And SynthesisISC Commerce Class-XII (Vol.Ii)A Textbook of Engineering Mathematics (For First Year ,Anna University)Proceedings of the National Academy of Sciences of the United States of AmericaBasics of Engineering Mathematics Vol-I (RGPV Bhopal)The Human Element of Big DataPrinciples of MultimediaBasic Mechanical Engineering (For HPTU, Hamirpur)PRINCIPLES OF FIRE SAFETY ENGINEERINGDesign and Optimization of Sensors and Antennas for Wearable Devices: Emerging Research and OpportunitiesDiscrete Mathematics for Computer ScienceMicroservices from Theory to Practice: Creating Applications in IBM Bluemix Using the Microservices ApproachBasic Mechanical EngineeringDictionary Catalog of the Research Libraries of the New York Public Library, 1911-1971RelationomicsSolid State PhysicsHerbal Product DevelopmentBasic of Engineering Chemistry (For RGPV, Bhopal)Education WorldComputational Intelligence for Machine Learning and Healthcare InformaticsProceedings of International Conference on Recent Advancement on Computer and CommunicationQuality Management PolicyDetecting and Mitigating Robotic Cyber Security RisksElectromagnetismBasic Engineering Mathematics Volume - II (For 3rd Semester of RGPV, Bhopal)Basic Computer Engineering: For RGPVBasic Principles and Calculations in Chemical EngineeringEnvironmental Processes and ManagementEngineering Mathematics - III:OutlookPerfumes, Cosmetics and SoapsEmarketingBASIC COMP ENG - RGPV 2011Hand Book of Mechanical EngineeringStrength of Materials:Lexicon of ParrotsElectrical and Electronic Principles and TechnologyInternet of ThingsPoetry in Cherry Blossoms

Advances in Computer, Communication and Control

Network Analysis And Synthesis

Circuit Elements & Kirchoff's LawsLumped & Discrete Circuit Elements, Characterization of Resistors, Capacitors & Inductors in Terms of Their Livearity & Time Dependence Nature, Characteristics of Independent & Dependent Sources, KCL & KVL forCircuits with Dependent & Independent. Sources, Terminal Characteristics of Active Circuit Elements like Diodes, OPAMPS & transistors, Dot Convention for Coupled Inductor.Time Domain Analysis of CircuitsInitial and Final Conditions on Network Elements, Differential Equations & integrodifferential Equations of First-and Second Order System, Step and Impulse response of First and Second-Order System, Zero-Input & Zero-State Response.Sinusoidal Steady-State AnalysisDifference of Sinusoidal Steady^ State, Difference between a Phasor and a Vector.Concept of Impedance and Admittance, Node & Mesh Analysis in the Sinusoidal Steady State, Network Theorems Like Superposition, Thevenin's & Superposition in'the Sinusoidal Steady State, Present Circuits (both Series & Parallel) Coupling Elements and Coupled CircuitsCoupled Inductors

& Their Characterisation, Co-efficient of Coupling, Multiwin'ding Inductors & their I Inductance Matrix, Double Tuned Circuits.Transform Domain Analysis of NetworksThe philosophy of Transform Methods, The Laplace Transform, Use of Laplace Transform for the Solution of Integra. Differential Equations, Transforms of Wave Forms Synthesized with Step, Rampm Gate and Sinusoidal Fuctions, The transformed Network, Network Theorems (the Venin, Norton, Maximum power. Superposition & Reciprocity) in transform Domain.Network FunctionsThe concept of complex frequency, Concept of Ports, Network Functions of one Port & Two ports, Calculation of Network Functions for General Networks, Pole & Zeros ofNetwork Functions of Different Kinds, Time Domain Behaviour from Pole-Zero plots.Two Port NetworksRelationship ofTwo-port Variables, Short Circuit Admittance & Parameters, Open Circuit Impedance, Transmission Parameters, Hybrid Parameters, Relationship between Parameters Sets, Interconnection between Two-ports, Terminated Two-ports.Fourier Series & Fourier TransformsConcept of Signal Spectra, Fourier Series Co-efficients of a periodic Wave-form, Waveform Symmetrics, Exponential Form of Fourier Series, Steady State Response to Periodic Signals, Fourier integral & transform. Properties of Fourier Transform, Applications in Network analysis.Network Synthesis of One-port Networks with Two Kind of ElementsConcept of Positive real functions, Hurwitz polynomials, Properties of L-C, RL & RC immittance function, Synthesis of RC, RL & LC immittance functions in cauer, Foster & mixed cannonical form.Topological Analysis of electrical NetworksConcept of Network Graphs, Incidence matrix. Cut-sets and loops. Fundamental cut-set and loop matrices, Dual graphs. Cut-set and loop Analysis.

ISC Commerce Class-XII (Vol.Ii)

Written by one of the pioneers of computer education in India, this text is designed for first-year engineering students of Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV). It is written in-sync with the syllabus, common to all engineering branches. Covering the Fundamentals of Computers and Programming in C++, this text presents the concepts in easy-to-understand language.

A Textbook of Engineering Mathematics (For First Year ,Anna University)

Master the fundamentals of discrete mathematics with DISCRETE MATHEMATICS FOR COMPUTER SCIENCE with Student Solutions Manual CD-ROM! An increasing number of computer scientists from diverse areas are using discrete mathematical structures to explain concepts and problems and this mathematics text shows you how to express precise ideas in clear mathematical language. Through a wealth of exercises and examples, you will learn how mastering discrete mathematics will help you develop important reasoning skills that will continue to be useful throughout your career.

Proceedings of the National Academy of Sciences of the United States of America

Engineering Mathematics-III has been mapped to the syllabus of the third-semester mathematics paper taught to the students of electrical engineering, electrical and electronics engineering and electronics and communication engineering in Rajasthan Technical University, Kota. The book, a balanced mix of theory and solved problems, focuses on problem-solving techniques and engineering applications to ensure that students learn the mathematical skills needed for engineers. The last three years' solved question papers have been included for the benefit of the students.

Basics of Engineering Mathematics Vol-I (RGPV Bhopal)

It is now fifteen years since the last edition of this reference volume appeared and during this time new materials have appeared and some have fallen into disuse. The present edition is the result of much revision and some deletion and an effort has been made to bring the information up-to-date and in conformity with current practice. Of recent years several speciality materials have appeared, and a number of these are included where their chemical composition is known. Speciality materials of vague composition are not included. For many of the compounds listed several alternative names are in use, some of which from the chemist's point of view are either inadequate, ambiguous, or occasionally actually misleading. In this edition the compounds have been listed under names which are considered to be chemically satisfactory and which, at the same time, should be reasonably familiar to perfumers; they do not necessarily contain full information as to the structure of the com pound and they make free use of widely accepted trivial names. In most of the entries this is followed by a systematic name which defines the chemical structure, while synonyms which are in use, though sometimes chemically unsatisfactory, are given in brackets, with a cross-reference to the main entry. Prefixes denoting structural features, such as n-, iso-, cis-, trans-, 0-, m-, p-, and so on are disregarded in the alphabetical listing.

The Human Element of Big Data

Relationships are at the core of our lives. They shape and refine our character. They influence our worldview. They're not just important to us as human beings--they're crucial. So it should come as no surprise that healthy relationships are the heart of a successful business or organization. And yet, many organizational cultures do not promote healthy relationships. Those that do find that they enjoy greater effectiveness, reputation, and loyalty. In Relationomics, Dr. Randy Ross lays out the principles and practices that will help readers develop and sustain the kind of relationships that can build their business and energize their team, including how to - become a value creator - master the art of giving and receiving helpful feedback - dramatically decrease employee turnover - lead beyond self-interest - and much more Whether you are building teams in a corporate setting or looking to build better friendships personally, the principles in this book will guide you toward becoming a healthier individual who attracts and builds healthy relationships.

Principles of Multimedia

Best-selling introductory chemical engineering book - now updated with far more coverage of biotech, nanotech, and green engineering • •Thoroughly covers material balances, gases, liquids, and energy balances. •Contains new biotech and bioengineering problems throughout. •Adds new examples and homework on nanotechnology, environmental engineering, and green engineering. •All-new student projects chapter. •Self-assessment tests, discussion problems, homework, and glossaries in each chapter. Basic Principles and Calculations in Chemical Engineering, 8/e, provides a complete, practical, and student-friendly introduction to the principles and techniques of modern chemical, petroleum, and environmental engineering. The authors introduce efficient and consistent methods for solving problems, analyzing data, and conceptually understanding a wide variety of processes. This edition has been revised to reflect growing interest in the life sciences, adding biotechnology and bioengineering problems and examples throughout. It also adds many new examples and homework assignments on nanotechnology, environmental, and green engineering, plus many updates to existing examples. A new chapter presents multiple student projects, and several chapters from the previous edition have been condensed for greater focus. This text's features include: • •Thorough introductory coverage, including unit conversions, basis selection, and process measurements. •Short chapters supporting flexible, modular learning. •Consistent, sound strategies for solving material and energy balance problems. •Key concepts ranging from stoichiometry to enthalpy. •Behavior of gases, liquids, and solids. •Many tables, charts, and reference appendices. •Self-assessment tests, thought/discussion problems, homework problems, and glossaries in each chapter.

Basic Mechanical Engineering (For HPTU, Hamirpur)

This practical resource introduces electrical and electronic principles and technology covering theory through detailed examples, enabling students to develop a sound understanding of the knowledge required by technicians in fields such as electrical engineering, electronics and telecommunications. No previous background in engineering is assumed, making this an ideal text for vocational courses at Levels 2 and 3, foundation degrees and introductory courses for undergraduates.

PRINCIPLES OF FIRE SAFETY ENGINEERING

Design and Optimization of Sensors and Antennas for Wearable Devices: Emerging Research and Opportunities

Like Petals of Cherry Blossoms, Poetries came from Japan. When you pick them up, you might start to realize something in

your life.

Discrete Mathematics for Computer Science

This book presents an in-depth, science-based approach to applying key project-management and spatial tools and practices in environmental projects. Providing important data for those considering projects that balance social-economic growth against minimizing its ill-effects on planet Earth, the book discusses various aspects of environmental engineering, as well as formula and analytical approaches required for more informed decision-making. Beginning with a broad overview of the factors and features of environmental processes and management, the book then clearly details the general application of fundamental processes, the characteristics of the different systems in which they occur, and the way in which these factors influence process dynamics, environmental systems, and their possible remedies. While primarily intended for professionals responsible for the management of environmental projects or interested in improving the overall efficiency of such projects, it is also useful for managers in the private, public, and not-for-profit sectors. Further, it is a valuable resource for students at both undergraduate and postgraduate levels, and an indispensable guide for anyone wanting to develop their skills in modern environmental management and related techniques.

Microservices from Theory to Practice: Creating Applications in IBM Bluemix Using the Microservices Approach

Basic Mechanical Engineering

Internet of Things emphasizes on the efficient use of internet and wireless network for connecting devices in day to day life. It gives a step-by-step explanation of the connecting interface of hardware with software. This classic text is a vital study guide for the students to master their IoT skills. Salient Features: - Core concepts of hardware and software for Internet of Things - Coverage of latest concepts like RaspberyPi, Arduino - Coverage of Security and threats in IoT scenarios. - Step by step pro typing and designing of IoT Applications

Dictionary Catalog of the Research Libraries of the New York Public Library, 1911-1971

Basic Computer Engineering: For RGPV has been tailored to exactly meet the requirements of the first-year students of Rajiv Gandhi Proudyogiki Vishwavidyalaya. It discusses the fundamentals of computers and C programming in great detail along with step-by-step presentation of concepts, illustrations, flow charts and chapter-end exercises, making the book

indispensable for students.

Relationomics

Handbook of Mechanical Engineering is a comprehensive text for the students of B.E./B.Tech. and the candidates preparing for various competitive examination like IES/IFS/ GATE State Services and competitive tests conducted by public and private sector organization for selecting apprentice engineers.

Solid State Physics

This book presents a variety of techniques designed to enhance and empower multi-disciplinary and multi-institutional machine learning research in healthcare informatics. It is intended to provide a unique compendium of current and emerging machine learning paradigms for healthcare informatics, reflecting the diversity, complexity, and depth and breadth of this multi-disciplinary area.

Herbal Product Development

Basic of Engineering Chemistry (For RGPV, Bhopal)

This new volume, Herbal Product Development: Formulation and Applications, addresses some of the challenges that hinder the path of successful natural products from laboratory to market. Highly skilled, experienced, and renowned scientists and researchers from around the globe offer up-to-date information that describes characteristics of herbs and herbal products, applications, evaluation techniques, and more. There is also a section dedicated to alternative medicinal strategies for the treatment and cure of diverse diseases. Also considered, of course, is the efficacy and safety of herbal products, which are of major concern. This valuable volume will be an important addition to the library of those involved in herbal product development and testing, including researchers, scientists, academicians, industry professionals, and students in this area.

Education World

Water And Its Industrial Applications | Fuels And Combustion | Lubricants | Cement And Refractories| Polymers | Instrumental Techniques In Chemical Analysis | Water Analysis Techniques | Question Bank

Computational Intelligence for Machine Learning and Healthcare Informatics

The proposed book talks about the participation of human in Big Data.How human as a component of system can help in making the decision process easier and vibrant.It studies the basic build structure for big data and also includes advanced research topics.In the field of Biological sciences, it comprises genomic and proteomic data also. The book swaps traditional data management techniques with more robust and vibrant methodologies that focus on current requirement and demand through human computer interfacing in order to cope up with present business demand. Overall, the book is divided in to five parts where each part contains 4-5 chapters on versatile domain with human side of Big Data.

Proceedings of International Conference on Recent Advancement on Computer and Communication

For B.E. First year Semester I (all branches) strictly according to the syllabus of Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal (M.P.) and all Engineering Colleges affiliated to Ravi Shankar University, Raipur(Chattisgarh)

Quality Management Policy

ISC Commerce Class-XII (Vol.Ii)

Detecting and Mitigating Robotic Cyber Security Risks

Electromagnetism

This textbook for the first year students of all branches of Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal(M.P.), It has been strictly according to the new syllabus of RGPV. The subject matter has been explained clearly and precisely in the simplest way. Salient features are :250 Solved ExamplesA number of exercises at the end of every chapter Multi-Choice.

Basic Engineering Mathematics Volume - II (For 3rd Semester of RGPV, Bhopal)

Review: "This book is a fantastic guide to online marketing, and the Internet in general. As a marketing practitioner, I've been finding my way own way through the online world for some time now but have always wondered if what I was doing

was 'correct' and it would take me ages to find out what I needed to know through researching online articles, blogs, etc. I found this book to be fairly concise and focused. The references to other online articles that it includes are vast and can they be very absorbing. The best part about this is that it is written by someone that clearly has vast experience in the field and, unlike with some online articles, you get the feeling that what is advised is really 'best practice'. I'd recommend this book for anyone interested in digital marketing." Adam Butchart, Digital Marketing student Blurb: We love the Internet. We love digital and the connected world that we live in. We have spent the last six months gleaning every bit of knowledge, skill and opinion from the creative minds at Quirk. The result is a textbook borne out of more than 12 years of practical experience in the world of digital. For the reader, this translates into applicable insight into marketing in an ever-changing space. This book brings you: 22 Chapters Updated content throughout All new case studies $480 of vouchers* Used by brands, creative agencies and students across the world, Quirk's eMarketing textbook sets the standard for all things digital. "Since we published the last edition of the book, it has become increasingly obvious that the various elements of digital marketing work hand in hand, not just benefiting each other through coordination, but actually relying on each other for success." - Rob Stokes (Founder and Group CEO, Quirk) In order to reflect this change, we have restructured the book to mirror our four key agency disciplines: Think, Create, Engage and Optimise. This simplified way of thinking about the digital space makes it easier for students and professionals to benefit from the insights shared.

Basic Computer Engineering: For RGPV

Basic Principles and Calculations in Chemical Engineering

The ideal companion in condensed matter physics - now in new and revised edition. Solving homework problems is the single most effective way for students to familiarize themselves with the language and details of solid state physics. Testing problem-solving ability is the best means at the professor's disposal for measuring student progress at critical points in the learning process. This book enables any instructor to supplement end-of-chapter textbook assignments with a large number of challenging and engaging practice problems and discover a host of new ideas for creating exam questions. Designed to be used in tandem with any of the excellent textbooks on this subject, Solid State Physics: Problems and Solutions provides a self-study approach through which advanced undergraduate and first-year graduate students can develop and test their skills while acclimating themselves to the demands of the discipline. Each problem has been chosen for its ability to illustrate key concepts, properties, and systems, knowledge of which is crucial in developing a complete understanding of the subject, including: * Crystals, diffraction, and reciprocal lattices. * Phonon dispersion and electronic band structure. * Density of states. * Transport, magnetic, and optical properties. * Interacting electron systems. * Magnetism. * Nanoscale Physics.

Environmental Processes and Management

The book is a compilation of best papers presented at International Conference on Recent Advancement in Computer and Communication (ICRAC 2017) organized by IMPLab Research and Innovation Foundation, Bhopal, India. The book covers all aspects of computers and communication techniques including pervasive computing, distributed computing, cloud computing, sensor and adhoc network, image, text and speech processing, pattern recognition and pattern analysis, digital signal processing, digital electronics, telecommunication technologies, robotics, VLSI technologies, embedded system, satellite communication, digital signal processing, and digital communication. The papers included are original research works of experts from industry, government centers and academic institutions; experienced in engineering, design and research.

Engineering Mathematics - III:

Basic Engineering Mathematics Volume

Outlook

Strength of Materials deals with the study of the effect of forces and moments on the deformation of a body. This book follows a simple approach along with numerous solved and unsolved problems to explain the basics followed by advanced concepts such as three dimensional stresses, the theory of simple bending, theories of failure, mechanical properties, material testing and engineering materials.

Perfumes, Cosmetics and Soaps

This book Basic Mechanical Engineering, now in its second edition, continues to provide all essential features of the first edition, i.e. it contains nine chapters in all and provides a large number of solved and unsolved problems and exercises. In this edition, new topics such as Ideal Gas Laws– Characteristic Gas Equation, Avogadro's Hypothesis, Joule's Law

Emarketing

Risk detection and cyber security play a vital role in the use and success of contemporary computing. By utilizing the latest technological advances, more effective prevention techniques can be developed to protect against cyber threats. Detecting and Mitigating Robotic Cyber Security Risks is an essential reference publication for the latest research on new

methodologies and applications in the areas of robotic and digital security. Featuring extensive coverage on a broad range of topics, such as authentication techniques, cloud security, and mobile robotics, this book is ideally designed for students, researchers, scientists, and engineers seeking current research on methods, models, and implementations of optimized security in digital contexts.

BASIC COMP ENG - RGPV 2011

Hand Book of Mechanical Engineering

Microservices is an architectural style in which large, complex software applications are composed of one or more smaller services. Each of these microservices focuses on completing one task that represents a small business capability. These microservices can be developed in any programming language. They communicate with each other using language-neutral protocols, such as Representational State Transfer (REST), or messaging applications, such as IBM® MQ Light. This IBM Redbooks® publication gives a broad understanding of this increasingly popular architectural style, and provides some real-life examples of how you can develop applications using the microservices approach with IBM BluemixTM. The source code for all of these sample scenarios can be found on GitHub (https://github.com/). The book also presents some case studies from IBM products. We explain the architectural decisions made, our experiences, and lessons learned when redesigning these products using the microservices approach. Information technology (IT) professionals interested in learning about microservices and how to develop or redesign an application in Bluemix using microservices can benefit from this book.

Strength of Materials:

Wearable continuous monitoring systems are necessary in risky environments such as mining and diving and are especially important in the medical monitoring of patients both in medical facilities and at home. All these applications of monitoring with data transmission functions can be achieved by using wearable antennas. Recently, possibilities of connecting completely independent appliances with textiles have emerged. However, full success will be achieved only when antennas and all related components are entirely converted into 100% textile materials. Design and Optimization of Sensors and Antennas for Wearable Devices: Emerging Research and Opportunities provides innovative insights on the development of adaptable materials and textile antennas that can be used in the construction of wearable devices that are biocompatible and offer high conductivity, low cost, simplistic manufacturing, are comfortable for the wearer, and are water/climate safe and condition amicable. The content within this publication examines data transmission, wearable computing, and medical applications. It is designed for engineers, manufacturers, researchers, academicians, and scientists who are interested in

the development of wearable technologies.

Lexicon of Parrots

About the quality management of an institution.

Electrical and Electronic Principles and Technology

This book deals with electromagnetic theory and its applications at the level of a senior-level undergraduate course for science and engineering. The basic concepts and mathematical analysis are clearly developed and the important applications are analyzed. Each chapter contains numerous problems ranging in difficulty from simple applications to challenging. The answers for the problems are given at the end of the book. Some chapters which open doors to more advanced topics, such as wave theory, special relativity, emission of radiation by charges and antennas, are included. The material of this book allows flexibility in the choice of the topics covered. Knowledge of basic calculus (vectors, differential equations and integration) and general physics is assumed. The required mathematical techniques are gradually introduced. After a detailed revision of time-independent phenomena in electrostatics and magnetism in vacuum, the electric and magnetic properties of matter are discussed. Induction, Maxwell equations and electromagnetic waves, their reflection, refraction, interference and diffraction are also studied in some detail. Four additional topics are introduced: guided waves, relativistic electrodynamics, particles in an electromagnetic field and emission of radiation. A useful appendix on mathematics, units and physical constants is included. Contents 1. Prologue. 2. Electrostatics in Vacuum. 3. Conductors and Currents. 4. Dielectrics. 5. Special Techniques and Approximation Methods. 6. Magnetic Field in Vacuum. 7. Magnetism in Matter. 8. Induction. 9. Maxwell's Equations. 10. Electromagnetic Waves. 11. Reflection, Interference, Diffraction and Diffusion. 12. Guided Waves. 13. Special Relativity and Electrodynamics. 14. Motion of Charged Particles in an Electromagnetic Field. 15. Emission of Radiation.

Internet of Things

Fire Safety is the science of fire and the means of protection against it. Being multidisciplinary in nature, the subject is closely related to chemical engineering, building services, electrical, electronics, structural and civil engineering and industrial engineering. There is a dearth of books on this subject, and therefore, the author aims to provide readers with a lucidly written, comprehensive text explaining the fundamentals of the fire process and means of protection. Comprising twelve chapters, this well-illustrated book with data tables begins with the introduction of the subject and then proceeds to explain fire process, its chemistry, heat and temperature in fire, hydraulics, active and passive fire protection systems, risk

management and insurance, and finally investigations and reconstructions of fire incidents. The book appends useful information on fire safety including cases to explain the causes of fire, Indian Standards on fire safety, explosion and properties of some flammable materials. NEW TO THE SECOND EDITION • A chapter on Modelling for Fire Safety • Updated data tables and text wherever necessary TARGET AUDIENCE B.Tech. (Safety and Fire Engineering) B.Tech. (Chemical Engineering)

Poetry in Cherry Blossoms

The book discusses the recent research trends in various sub-domains of computing, communication and control. It includes research papers presented at the First International Conference on Emerging Trends in Engineering and Science. Focusing on areas such as optimization techniques, game theory, supply chain, green computing, 5g networks, Internet of Things, social networks, power electronics and robotics, it is a useful resource for academics and researchers alike.

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