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"Engineering Mathematics - II" has been written strictly according to the revised syllabus (R18) 2018 - 19 of the First year (Second Semester) B. Tech students of JNTU, Hyderabad. It covers differential equations, linear differential equations, multiple integrations, vector differentiation and integration lucidly and tend to enclose Previous Question Paper issues at suitable places and conjointly Previous GATE Questions at the end of every chapter for the benefit of the students. Suitable for a student taking a course in Electronics for the first time, this title explains 'what electronics is', 'what are its applications in our day-to-day life', 'what components are used in electronic circuits', 'Future trends in electronics', and more. Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases. "Present turns to past and future turns to present, but the past never changes its stance..." What we do in the present is not a big deal, but after it has gone into the past, it will become something memorable. In our past we had done so many nonsensical things, but now when we remember those days a smile comes to our lips. "Our present is like watching a horror film, and our past is like the experience that we enjoyed in the cinema hall." Words of the past: the story is about a person, who even after completing his graduation didn't gain any sense about his future. Seasons have changed but he still didn't get any idea. Like others he has a life too, like others he too enjoyed his life, but not like others. He went back to his past. His school, his college, his nonsense's, his crushes, his friends, his girls, his enjoyment, silly fights, and his past life... These thoughts made sense to him. "Life means some of years, emotions and notorious things. Behind everything a strange emotional experience will be present." His sensible thoughts on his past make sense to him. So he decided to make it into a book. He made his past into a book. Are you ready to recollect your past? Biology is an important part of engineering analysis and design, and it is

important that students in engineering programs, as well as ecologists and environmentalists, become well-acquainted with the fundamentals of biology as they relate to their field. This is the first book on the subject designed specifically for students of BTech and BE courses, as the subject has now been introduced to the syllabus. In recent years, growing attention has been focussed on real estate education. The objective of Real Estate Education Throughout The World: Past, Present and Future is to document the current status and perspectives of real estate education and the underlying research throughout the world. The intent is to inform students, academics and practitioners about the situation in the widest possible range of countries and to provide a foundation for the future of the real estate discipline. The structure of this monograph follows the organisation of the world-wide network of real estate societies. In Part 1, Stephen E. Roulac sets the framework for the other contributions. Part 2 contains 20 chapters that examine real estate education in Europe. Part 3 consists of two articles covering North America. Part 4 includes two chapters dealing with Latin America. In Part 5, 8 countries in Asia are examined. Part 6 contains two chapters covering the Pacific Rim. Finally, Part 7 focuses on Africa. This collection of papers is unique, in the sense that 50 authors have contributed to the monograph and 37 countries or regions in total are covered. The editor does not know of any comparable book. Choosing a career of your passion is likewise the crest of a wave. Opting Aerospace Engineering is one of those. Undoubtedly persuing Aerospace Engineering is quite challenging out of all other. You might feel bit tricky while studying in academic years but your zeal to learn and grow can turn up the trumps. If you push the stick forward, the houses get bigger. If you pull the stick back, they get smaller. That is, unless you keep pulling the stick all the way back, then they get bigger again. "Within all of us is a varying amount of space lint and star dust, the residue from our creation. Most are too busy to notice it, and it is stronger in some than others. It is strongest in those of us who fly and is responsible for an unconscious, subtle desire to slip into some wings and try for the elusive boundaries of our origin."" "This 10-volume compilation of authoritative, research-based articles contributed by thousands of researchers and experts from all over the world emphasized modern issues and the presentation of potential opportunities, prospective solutions, and future directions in the field of information science and technology"--Provided by publisher. A reference on basic physical and chemical properties of current building materials, for students, architects, designers, structural engineers, contractors, and specification writers. Following the CSI Masterformat, the guide outlines the relationship between structure, properties, and performance, and details properties of interior and exterior materials such as concrete, polymers, woods, roofing materials, and protective finishes, discussing common problems. Contains key terms and questions, plus bandw photos. Annotation copyright by Book News, Inc., Portland, OR This book showcases cutting-edge research papers from the 7th International Conference on Research into Design (ICoRD 2019) – the largest in India in this area – written by eminent researchers from across the world on design processes, technologies, methods and tools, and their impact on innovation, for supporting design for a connected world. The theme of ICoRD'19 has been "Design for a Connected World". While Design traditionally focused on developing products that worked on their own, an emerging trend is to have products with a smart layer that makes them context aware and responsive, individually and collectively, through collaboration with other physical and digital objects with which these are connected. The papers in this volume explore these themes, and their key focus is connectivity: how do products and their development change in a connected world? The volume will be of interest to researchers, professionals and entrepreneurs working in the areas on industrial design, manufacturing, consumer goods, and industrial management who are interested in the use of emerging technologies such as IOT, IIOT, Digital Twins, I4.0 etc. as well as new and emerging methods and tools to design new products, systems and services. In India, two critical aspects of public policy — social justice and higher education — have witnessed unprecedented expansion in recent years. While several programmes have been designed by the State to equalise access to higher education and implement formal inclusion,

discrimination based on caste, tribe, gender, and rural location continues to exist. Focusing on the concrete experiences of these programmes, this book explores the difficulties and dilemmas that follow formal inclusion, and seeks to redress the disproportionate emphasis on principles rather than practice in the quest for equal access to higher education in India. Offering new perspectives on the debates on social mobility and merit, this volume examines a broad spectrum of educational courses, ranging from engineering, medicine and sciences to social work, humanities and the social sciences that cover all levels of higher education from undergraduate degrees to post-doctoral research. It points to various sources of social exclusion by studying a cross-section of national, elite, subaltern, and sub-regional institutions across the states of Rajasthan, Gujarat, Jharkhand, Uttar Pradesh, Punjab, Kerala, and Tamil Nadu. Closely involved with the implementation and evaluation of affirmative action programmes, the contributors to the volume highlight the paradoxical 'sectionalisation' of reserved candidates, the daunting challenge of combating discrimination. Understanding the need to look beyond formal inclusion to enable substantive change, this important volume will be essential reading for scholars and teachers of sociology, education, social work, economics, public administration, and political science, besides being of great interest to policymakers and organisations concerned with education and discrimination. The study of electromagnetic field theory is required for proper understanding of every device wherein electricity is used for operation. The proposed textbook on electromagnetic fields covers all the generic and unconventional topics including electrostatic boundary value problems involving two- and three-dimensional Laplacian fields and one- and two-dimensional Poissonion fields, magnetostatic boundary value problems, eddy currents, and electromagnetic compatibility. The subject matter is supported by practical applications, illustrations to supplement the theory, solved numerical problems, solutions manual and Powerpoint slides including appendices and mathematical relations. Aimed at undergraduate, senior undergraduate students of electrical and electronics engineering, it: Presents fundamental concepts of electromagnetic fields in a simplified manner Covers one two- and three-dimensional electrostatic boundary value problems involving Laplacian fields and Poissonion fields Includes exclusive chapters on eddy currents and electromagnetic compatibility Discusses important aspects of magneto static boundary value problems Explores all the basic vector algebra and vector calculus along with couple of two- and three-dimensional problems ISO 14000 are the environmental standards established by the ANSI. This groundbreaking handbook contains the work of top ISO 14000 experts, many of whom assisted in developing the standards themselves. Now published by ASQ Quality Press, The ISO 14000 Handbook provides specific, practical, and authoritative guidance on documenting and identifying such issues as: the right time to begin implementation; advantages and disadvantages to ISO 14000 implementation; full versus partial implementation; how the ISO 14000 process fits into corporate culture; contains the actual full-text versions of the ANSI/ISO 14001 and 14004 standards. The book mainly comprises of novel food processing techniques and the equipment requirement for installation. The book also provides the scope and opportunities of entrepreneurship in the major horticultural crops like banana, mango, pine-apple, and some under-utilized fruits and vegetables. The book also enlightens the readers about the marketing strategies, business plan preparation, safety and quality issues etc. It covers almost all important aspects of entrepreneurship development in food processing sector. Note: T&F does not sell or distribute the hardback in India, Pakistan, Nepal, Bhutan, Bangladesh and Sri Lanka. This title is co-published with NIPA. Topic-wise Bank PO/ Clerk Prelim & Mains Solved Papers Quantitative Aptitude 2nd Edition consists of past solved papers of Bank Exams - IBPS PO, IBPS Clerk, SBI PO, SBI Clerk and Specialist Officer from 2010 to 2018. • The coverage of the papers has been kept RECENT (2010 to 2018) as they actually reflect the changed pattern of the Banking exams. Thus the papers prior to 2010 have not been included in the book. • In all there are 38 Question papers from 2010 to 2018 which have been provided topic-wise along with detailed solutions. • Practicing these questions, aspirants will come to know about the pattern and

toughness of the questions asked in the examination. In the end, this book will make the aspirants competent enough to crack the uncertainty of success in the Entrance Examination. • The strength of the book lies in the originality of its question papers and Errorless Solutions. The solution of each and every question is provided in detail (step-by-step) so as to provide 100% concept clarity to the students. Topic-wise Bank PO/ Clerk Prelim & Mains Solved Papers Quantitative Aptitude consists of past solved papers of Bank Exams - IBPS PO, IBPS Clerk, SBI PO, SBI Clerk and Specialist Officer from 2010 to 2016. • The coverage of the papers has been kept RECENT (2010 to 2016) as they actually reflect the changed pattern of the Banking exams. Thus the papers prior to 2010 have not been included in the book. • In all there are 30 Question papers from 2010 to 2016 which have been provided topic-wise along with detailed solutions. • Practicing these questions, aspirants will come to know about the pattern and toughness of the questions asked in the examination. In the end, this book will make the aspirants competent enough to crack the uncertainty of success in the Entrance Examination. • The strength of the book lies in the originality of its question papers and Errorless Solutions. The solution of each and every question is provided in detail (step-by-step) so as to provide 100% concept clarity to the students. The Fourth IIT traces the historical evolution of the Indian Institute of Technology Kanpur (IITK), established fourth in the chronological ladder of IITs after the institutes at Kharagpur, Bombay and Madras. The early beginnings of IITK are explored, with the appointment of Dr P.K. Kelkar as its founder-director, its humble commencement in the temporary premises of Harcourt Butler Technological Institute (HBTI) and the initiation of a traditional BTech programme. We see how rapid transformations enabled the institute to introduce and nurture a new academic culture in the country, illustrated by the paradigm shift in higher technical education and the freshness of a new spirit in higher education in general—the spirit of IITK. An inventive approach to faculty appointments, student admissions and the development of a novel academic structure are some of the deeply appreciated attributes that IITK has epitomized—and striven for. The book also captures IITK in the present times, in its pursuit of continually improving the material life of its students, staff members and the faculty, and the veritably important role played by the alumni, and also sheds light on the 'new vision' of the institute. Expertly and lovingly written by IITK insiders and long-timers, The Fourth IIT is ideal for past and present students and educators, and for anyone interested in an in-depth analysis of one of the most beloved and respected academic institutions in the country. The Pragmatic Guide to Driving Value and Disrupting Markets with Blockchain "Blockchain's potential to transform businesses has generated a tremendous amount of excitement across industries. However, it can be difficult for decision makers to develop a practical approach to blockchain for their specific business requirements. By identifying and clearly describing the value of blockchain for enterprises, as well as the processes required to harness blockchain to achieve business objectives, Blockchain for Business presents a startlingly concise yet comprehensive roadmap for business leaders. This book is an excellent resource for anyone looking to leverage blockchain to transform their business." — Dr. Won-Pyo Hong, President & CEO of Samsung SDS "Much has been written about blockchain in the past few years: what it is and what it is not (at various levels of detail), as well as the technology's long-term strategic value for companies, industries, and economies. However, what we've been missing is a practical, operational, 'how to' set of steps for creating, implementing, and operating a blockchain-based solution. This book aims to fill that gap. It's an invaluable tool for anyone ready to take the plunge and start taking advantage of this remarkable technology." —Irving Wladawsky-Berger, research affiliate, MIT; columnist, WSJ CIO Journal; VP Emeritus, IBM "I will never be able to adequately express how useful this book will be to my class. In addition the great chapters on cybersecurity, I loved the Integration Models, especially 'Coexistence with Systems of Record.' Legacy integration with Blockchain is a critical barrier, and you nailed it!" —Thomas Doty, JD, LLM - Adjunct Professor, University of New Hampshire Law Blockchain enables enterprises to reinvent processes and business models and to pursue radically disruptive applications.

Blockchain for Business is a concise, accessible, and pragmatic guide to both the technology and the opportunities it creates. Authored by three experts from IBM's Enterprise Blockchain practice, it introduces industry-specific and cross-industry use cases, and reviews best-practice approaches to planning and delivering blockchain projects. With a relentless focus on real-world business outcomes, the authors reveal what blockchain can do, what it can't do yet, and where it's headed. Understand five elements that make blockchain so disruptive: transparency, immutability, security, consensus, and smart contracts Explore key use cases: cross-border payments, food and drug safety, provenance, trade finance, clinical trials, land registries, and more See how trusted blockchain networks are facilitating entirely new business models Compare blockchain types: permissioned, permissionless, private, public, federated, and hybrid Anticipate key technical, business, regulatory, and governance challenges Build blockchain financial models, investment rubrics, and risk frameworks Organize and manage teams to transform blockchain plans into reality Whether you're a senior decision maker, technical professional, customer, or investor, Blockchain for Business will help you cut through the hype and objectively assess blockchain's potential in your business. Register your product for convenient access to downloads, updates, and/or corrections as they become available. Bio-inspired computing (BIC) focuses on the designs and developments of computer algorithms and models based on biological mechanisms and living phenomena. It is now a major subfield of natural computation that leverages on the recent advances in computer science, biology and mathematics.The ideas provide abundant inspiration to construct high-performance computing models and intelligent algorithms, thus enabling powerful tools to solve real-life problems.Written by world-renowned researchers, this compendium covers the most influential topics on BIC, where the newly-obtained algorithms, developments and results are introduced and elaborated. The potential and valuable directions for further research are addressed as well. "The promise of cloud computing is here. These pages provide the 'eyes wide open' insights you need to transform your business." -- Christopher Crowhurst, Vice President, Strategic Technology, Thomson Reuters A Down-to-Earth Guide to Cloud Computing Cloud Computing: A Practical Approach provides a comprehensive look at the emerging paradigm of Internet-based enterprise applications and services. This accessible book offers a broad introduction to cloud computing, reviews a wide variety of currently available solutions, and discusses the cost savings and organizational and operational benefits. You'll find details on essential topics, such as hardware, platforms, standards, migration, security, and storage. You'll also learn what other organizations are doing and where they're headed with cloud computing. If your company is considering the move from a traditional network infrastructure to a cutting-edge cloud solution, you need this strategic guide. Cloud Computing: A Practical Approach covers: Costs, benefits, security issues, regulatory concerns, and limitations Service providers, including Google, Microsoft, Amazon, Yahoo, IBM, EMC/VMware, Salesforce.com, and others Hardware, infrastructure, clients, platforms, applications, services, and storage Standards, including HTTP, HTML, DHTML, XMPP, SSL, and OpenID Web services, such as REST, SOAP, and JSON Platform as a Service (PaaS), Software as a Service (SaaS), and Software plus Services (S+S) Custom application development environments, frameworks, strategies, and solutions Local clouds, thin clients, and virtualization Migration, best practices, and emerging standards Learn a simpler and more effective way to analyze data and predict outcomes with Python Machine Learning in Python shows you how to successfully analyze data using only two core machine learning algorithms, and how to apply them using Python. By focusing on two algorithm families that effectively predict outcomes, this book is able to provide full descriptions of the mechanisms at work, and the examples that illustrate the machinery with specific, hackable code. The algorithms are explained in simple terms with no complex math and applied using Python, with guidance on algorithm selection, data preparation, and using the trained models in practice. You will learn a core set of Python programming techniques, various methods of building predictive models, and how to measure the performance of each model to ensure that the right one is

used. The chapters on penalized linear regression and ensemble methods dive deep into each of the algorithms, and you can use the sample code in the book to develop your own data analysis solutions. Machine learning algorithms are at the core of data analytics and visualization. In the past, these methods required a deep background in math and statistics, often in combination with the specialized R programming language. This book demonstrates how machine learning can be implemented using the more widely used and accessible Python programming language. Predict outcomes using linear and ensemble algorithm families Build predictive models that solve a range of simple and complex problems Apply core machine learning algorithms using Python Use sample code directly to build custom solutions Machine learning doesn't have to be complex and highly specialized. Python makes this technology more accessible to a much wider audience, using methods that are simpler, effective, and well tested. Machine Learning in Python shows you how to do this, without requiring an extensive background in math or statistics. About the Book: Manufacturing process has become important in the industrial environment to produce products for the service of mankind. The basic need is to provide theoretical and practical knowledge of manufacturing processes to all the engineering students. This book covers most of the syllabus of manufacturing processes for engineering classes prescribed by UPTU. At the end of each chapter, a number of questions have been provided for testing the students understanding about the concept of the subject. The whole text has been organized in 10 chapters. The first chapter presents the br. ÿThe aim of this book is to share a relatively loose collection of studies using digital storytelling as a pedagogical tool in Cape Peninsula University of Technology (CPUT). The book takes an informed social justice approach to teaching and learning, at the heart of which is the exploration of DST as a practice of voice and agency. Voice and agency are important in excavating and recovering subjugated identities, and moving the concerns of those occupying subaltern spaces to the mainstream of teaching and learning. Yet this discursive shift is not without inherent challenges. Multi-modal technologies are reflective of wider inequities in the so-called technological divide. Whilst this is a book about higher education, there are important lessons for schooling. On the one hand, the book is a powerful demonstration of the potential of DST for enhancing learning in schools, particularly in schools serving the poor and marginalised. On the other hand, improving teaching and learning in higher education, through the creative use of technology, is essential to overcome the learning challenges of those entering tertiary level institutions. For the longest time, parents and children both, knew and believed that Medicine, Engineering, Management and Law were the only true 'careers' which could provide job security and steady paycheques. However, youngsters today couldn't have been more open to trying out offbeat careers. They are bold, patient, resilient and aware of the fact that a career that is in line with their interests has a higher chance of being satisfying. An equal, or probably more, parents are sceptical about these unconventional careers and would rather have their children go in for 'tried and tested' jobs. With 'Steps to Career', the author has attempted to dilute the dilemma of such children and their parents, providing them a wealth of information on the available conventional and unconventional career options, to help the children decide the right career for them, and the process. The purpose of this book is to introduce you to the wide open world of opportunities after for students who are still at school and for young adults who are in colleges or in training for further education and professional skills. There are many ways to apply knowledge to achieve a successful career. Different people have used different ideologies get to the top. What are the characteristics that will help you achieve success? This book caters not only to students stepping into the engineering fields or the corporate world for the first time but also to those who are stuck in the wrong profession. The book highlights the importance of knowing your field of education, the importance of personality, finding the right opportunity in different fields of work, choosing the right first employer, and other important decisions related to your career. This book is an essential read for anyone who wants to enter the field of engineering. The volume includes a good number of illustrations with detailed notes. Examine

cataloging and classification training programs around the world Education for Library Cataloging: International Perspectives examines the global development of educational programs for cataloging and classification in the library and information field. Library school faculty and professional librarians from more than 20 countries discuss a wide range of topics, including formal school and continuing education of catalog librarians, education and training for paraprofessional staff in cataloging and technical services, changes in library school programs, and metadata and information organization instruction. Faculty members and seasoned librarians from Europe, Africa, Asia, Australia, Latin America, and the Middle East present case studies and overviews of library and information school programs, bibliographies of cited works in both Western and non-Western language literature, and plenty of helpful tables and charts. Articles presented in Education for Library Cataloging: International Perspectives are organized geographically to make it easier to check which countries are covered in each region, and to determine regional similarities and differences. Political, historical, cultural, religious, and linguistic factors were also considered to demonstrate the wide range of educational efforts and programs to cultivate cataloging professionals all over the world. Topics examined in Education for Library Cataloging: International Perspectives include: * education and training development for librarians in the University of Botswana Library * the library science school curricula in the Cross River State of Nigeria * the training of students in cataloging via distant education in South Africa * education programs in China * the education for knowledge organization (including cataloging and classification) in India * the current status of cataloging education in Japan * on the job training of catalog librarians in South Korea * the education for cataloging in Australia * how catalog librarians are trained in Germany and Austria * recent changes to the library education system in Poland * a critical study of cataloging instruction within the library and information science programs in Spain * a recent survey of graduate education and training for cataloging and classification in the United Kingdom * an overview of the education for cataloging and classification in Mexico * the current status of cataloging and classification education in Egypt * recent changes to cataloging teaching in Israel * the continuing education for catalogers in Saudi Arabia * and much more Many of the articles presented in Education for Library Cataloging: International Perspectives document the initial efforts to introduce education for cataloging in particular countries, including Egypt and Japan. This book is an invaluable resource for library and information school educators, administrators, and students. The essential roadmaps for enterprise cloud adoption As cloud technologies continue to challenge the fundamental understanding of how businesses work, smart companies are moving quickly to adapt to a changing set of rules. Adopting the cloud requires a clear roadmap backed by use cases, grounded in practical real-world experience, to show the routes to successful adoption. The Cloud Adoption Playbook helps business and technology leaders in enterprise organizations sort through the options and make the best choices for accelerating cloud adoption and digital transformation. Written by a team of IBM technical executives with a wealth of real-world client experience, this book cuts through the hype, answers your questions, and helps you tailor your cloud adoption and digital transformation journey to the needs of your organization. This book will help you: Discover how the cloud can fulfill major business needs Adopt a standardized Cloud Adoption Framework and understand the key dimensions of cloud adoption and digital transformation Learn how cloud adoption impacts culture, architecture, security, and more Understand the roles of governance, methodology, and how the cloud impacts key players in your organization. Providing a collection of winning plays, championship advice, and real-world examples of successful adoption, this playbook is your ultimate resource for making the cloud work. There has never been a better time to adopt the cloud. Cloud solutions are more numerous and accessible than ever before, and evolving technology is making the cloud more reliable, more secure, and more necessary than ever before. Don't let your organization be left behind! The Cloud Adoption Playbook gives you the essential guidance you need to make the smart choices that reduce your organizational risk

and accelerate your cloud adoption and digital transformation. Topic-wise Bank PO/ Clerk Prelim & Mains Solved Papers Quantitative Aptitude 2nd Edition consists of past solved papers of Bank Exams - IBPS PO, IBPS Clerk, SBI PO, SBI Clerk and Specialist Officer from 2010 to 2018. • The coverage of the papers has been kept RECENT (2010 to 2018) as they actually reflect the changed pattern of the Banking exams. Thus the papers prior to 2010 have not been included in the book. • In all there are 38 Question papers from 2010 to 2018 which have been provided topic-wise along with detailed solutions. • Practicing these questions, aspirants will come to know about the pattern and toughness of the questions asked in the examination. In the end, this book will make the aspirants competent enough to crack the uncertainty of success in the Entrance Examination. • The strength of the book lies in the originality of its question papers and Errorless Solutions. The solution of each and every question is provided in detail (step-by-step) so as to provide 100% concept clarity to the students. This is a revised edition of the eight years old popular book on operating System Concepts. In Addition to its previous contents, the book details about operating system foe handheld devices like mobile platforms. It also explains about upcoming operating systems with have interface in various Indian language. In addition to solved exercises of individual chapters, the revised version also presents a question bank of most frequently asked questions and their solutions. Value addition has been done in almost all the 14 chapters of the book. Pulitzer Prize winner Tracy Kidder memorably records the drama, comedy, and excitement of one company's efforts to bring a new microcomputer to market. Computers have changed since 1981, when The Soul of a New Machine first examined the culture of the computer revolution. What has not changed is the feverish pace of the high-tech industry, the go-for-broke approach to business that has caused so many computer companies to win big (or go belly up), and the cult of pursuing mind-bending technological innovations. The Soul of a New Machine is an essential chapter in the history of the machine that revolutionized the world in the twentieth century. An accessible and timely guide to increasing female presence and leadership in tech companies Tech giants like Apple and Google are among the fastest growing companies in the world, leading innovations in design and development. The industry continues to see rapid growth, employing millions of people: in the US it is at the epicenter of the American economy. So why is it that only 5% of senior executives in the tech industry are female? Underrepresentation of women on boards of directors, in the C-suite, and as senior managers remains pervasive in this industry. As tech companies are plagued with high-profile claims of harassment and discrimination, and salary discrepancies for comparable work, one asks what prevents women from reaching management roles, and, more importantly, what can be done to fix it? The Future of Tech is Female considers the paradoxes involved in women's ascent to leadership roles, suggesting industry-wide solutions to combat gender inequality. Drawing upon 15 years of experience in the field, Douglas M. Branson traces the history of women in the information technology industry in order to identify solutions for the issues facing women today. Branson explores a variety of solutions such as mandatory quota laws for female employment, pledge programs, and limitations on the H1-B VISA program, and grapples with the challenges facing women in IT from a range of perspectives. Branson unpacks the plethora of reasons women should hold leadership roles, both in and out of this industry, concluding with a call to reform attitudes toward women in one particular IT branch, the video and computer gaming field, a gateway to many STEM futures. An invaluable resource for anyone invested in gender equality in corporate governance, The Future of Tech is Female lays out the first steps toward a more diverse future for women in tech leadership In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and

discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and natural and physical sciences, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library. "Engineering Mathematics - I [Calculus and Differential Equations]" has been written strictly according to the revised syllabus (R20) of the First year (First Semester) B. Tech students of Jawaharlal Nehru Technological University, Kakinada. Topics are explained in a streamlined manner with minimal error precision as the primary goal of this book is to make students understand the concepts with minimum effort. Additional Previous GATE Questions at the end of each chapter with Previous Question Paper problems makes this book an ideal choice for undergraduate students