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Engineering Mathematics Elsevier
Advances in Civil Engineering and Building Materials presents the state-of-the-art development in: - Structural Engineering - Road & Bridge Engineering - Geotechnical Engineering - Architecture & Urban Planning - Transportation Engineering - Hydraulic Engineering - Engineering Management - Computational Mechanics - Construction Technology - Building Materials - Environmental Engineering - Computer Simulation - CAD/CAE Emphasis was given to basic methodologies, scientific development and engineering applications. Advances in Civil Engineering and Building Materials will be useful to professionals, academics, and Ph.D. students interested in the above mentioned areas.

Advanced Computing Springer Nature
Buy Managerial Accounting e-Book for Mba 1st Semester in English language specially designed for SPPU (Savitribai Phule Pune University ,Maharashtra) By Thakur publication.
Recent Trends and The Future of Antimicrobial Agents - Part I Routledge
Handbook on ICT in Developing Countries: Next Generation ICT Technologies is the second volume of the Handbook of ICT in Developing Countries. The first volume was on the potential implementation and service delivery of the forthcoming 5G networks. Here the focus is on the new technologies and services enabled by 5G networks or broadband Internet networks including artificial Intelligence (AI), machine learning, augmented reality, Internet of Things (IoT), autonomous driving, blockchain solutions, cloud solutions etc. Some of these are already globally experiencing growth in the existing networks and all of them are expected to grow substantially in the future. Examples: currently, 5% of global organizations have fully adopted AI, but the penetration is expected to increase rapidly before 2025. IoT with 20.35 billion devices connected in 2017 is estimated to show 75.44 billion devices connected in 2025. The expected growth is based on delivering of new value to businesses and citizens. It is, however, not obvious that this growth will also occur in developing countries. Currently, the

digital divide between developing countries and developed countries is widening. This is mostly due to the lack of infrastructure and low level of awareness by the businesses and citizens of the value made possible by the new technologies for developing countries. The book discusses the potentials of the new technologies for developing countries and the need for market interventions that will facilitate the demand and supply side of the market. It is designed for a broad audience including practitioners, researchers, academics, policy makers and industry players and influencers. The language and approach to the handbook is a combination of the academic writing style and professional reviews.

A Handbook on Teaching & Research Aptitude (General Paper -I of UGC-NET/SET/JRF & PET Exams) Nirali Prakashan

When gently those winds kiss my soul in the night sky and my pen wrote my feelings in its own rhythm creating a new and freshly brewed baked piece of poetry I never knew. Isn't it great when the rest sleep some people make night their best friend and reflect their thoughts on a blank sheet and making the sheet a sketch of emotions which were hidden once and now are on your paper.

Young Dreams - CRC Press
About the Book: This book Engineering Mathematics-II is designed as a self-contained, comprehensive classroom text for the second semester B.E. Classes of Visveswararajah Technological University as per the Revised new Syllabus. The topics included are Differential Calculus, Integral Calculus and Vector Integration, Differential Equations and Laplace Transforms. The book is written in a simple way and is accompanied with explanatory figures. All this make the students enjoy the subject while they learn. Inclusion of selected exercises and problems make the book educational in nature. It shou.

Research Methodology Springer Nature

This book constitutes the refereed proceedings of the 5th International Symposium on

Security in Computing and Communications, SSCC 2017, held in Manipal, India, in September 2017. The 21 revised full papers presented together with 13 short papers were carefully reviewed and selected from 84 submissions. The papers focus on topics such as cryptosystems, algorithms, primitives; security and privacy in networked systems; system and network security; steganography, visual cryptography, image forensics; applications security.
Documentation and Preservation of Folklore Culture of Bidar District Jaico Publishing House
Documentation and Preservation of Folk Culture of Bidar District. The book is the result of much research on the topic; this book makes a valuable addition to the corpus of information on the great Folk art and artisans of Bidar and their contribution to Bidar district. It attempt to bring to light aspects of the folk literature, arts, artisans, songs, theatre, Medicine, religion ,beliefs as well as the historical context in which such writing emerged. This book has thus highlighted not just the folk culture of Bidar, but its significance in the society of the time and later, for the pointed out the Preservation policies for folk culture in Bidar. The book brought to light the range of Folklore of Bidar and translated many Kannada work into English for helpful to new researcher, scholars and writers. This book will helpful to write the subaltern and local history
Wordsgenix One Year Blast Technical Publications
The book entitled 'MY LIFETIME READING' is the outcome and resultant of the lifetime reading of Prof. Suvasish Mukhopadhyay. He is a voracious reader and in his life time he went through nearly seventy books from cover to cover.

He has a unique habit of preparing a note from each of the books which are read by him in different time in his life. This book bridges the extreme two end of the English Literature right from 'Discovery of India' to 'Three Mistakes of my Life'. This book is nothing but the collection of vocabularies, phrases, good constructions, quotations and adages which are collected by the author while reading all these books. Out of all the books under consideration there are more than forty books which received the BOOKER PRIZE and rest of the books are also world famous books and accepted whole heartedly by the readers across the globe. The author has nothing new to say, only he took years together to compile his total reading and in this world he is the only person who is having this collection, only for that reason he keeps the copyright of this collection with him. In the reference the titles of all the books are given along with the names of the authors. This book will be nothing but a made easy for the budding authors who are in quest of good words, phrases and sentences. This book will save the time of the readers who are in search of good vocabularies, phrases and well constructed sentences. It is the staunch belief of the author that millions of readers across the globe will be benefited through this book and this book will enrich their level of English language to a great extent due to its uniqueness.

Fundamentals of Data Science

Book Rivers

A Simplified Approach For Beginners& Can you multiply 231072 by 110649 and get the answer in just a single line? Can you find the cube root of 262144 or 704969 in two seconds? Can you predict the birth-date of a person without him telling you? Can you predict how much money a person has without him telling you? Can you check the final answer without solving the question? Or, in a special case, get the final answer without looking at the question? Can you solve squares, square roots, cube-roots and other problems mentally? All this and a lot more is possible with the

techniques of Vedic Mathematics described in this book. The techniques are useful for students, professionals and businessmen. The techniques of Vedic Mathematics have helped millions of students all over the world get rid of their fear of numbers and improve their scores in quantitative subjects. Primary and secondary school students have found the Vedic mathematics approach very exciting. Those giving competitive exams like MBA, MCA, CET, UPSC, GRE, GMAT etc. have asserted that Vedic Mathematics has helped them crack the entrance tests of these exams.

Engineering Mechanics Firewall Media

Fluid Mechanics is the branch of physics concerned with the mechanics of fluids and forces acting on them. It includes unlimited practical applications ranging from microscopic biological systems to automobiles, airplanes and spacecraft propulsion. Fluid Mechanics is the study of fluid behavior at rest and in motion. It also gives information about devices used to measure flow rate, pressure and velocity of fluid. The book uses plain, Lucid language to explain fundamentals of this subject. The book provides logical method of explaining various complicated concepts and stepwise methods to explain the important topics. Each chapter is well supported with necessary illustrations, practical examples and solved problems. All the chapters in the book are arranged in a proper sequence that permits each topic to build upon earlier studies. All care has been taken to make readers comfortable in understanding the basic concepts of the subject.

Nanomaterials and Nanocomposites S. Chand Publishing

The primary objective of vol. I of A Text Book of Electrical Technology is to

provided a comprehensive treatment of topics in Basic Electrical Engineering both for electrical as well as nonelectrical students pursuing their studies in civil, mechanical, mining, textile, chemical, industrial, environmental, aerospace, electronic and computer engineering both at the Degree and diploma level. Based on the suggestions received from our esteemed readers, both from India and abroad, the scope of the book has been enlarged according to their requirements. Almost half the solved examples have been deleted and replaced by latest examination papers set upto 1994 in different engineering collage and technical institutions in India and abroad.

Security in Computing and Communications Technical Publications

Engineering mechanics is the branch of the physical science which describes the response of bodies or systems of bodies to external behaviour of a body, in either a beginning state of rest or of motion, subjected to the action of forces. It bridges the gap between physical theory and its application to technology. It is used in many fields of engineering, especially mechanical engineering and civil engineering. Much of engineering mechanics is based on Sir Issac Newton's laws of motion. Within the practical sciences, engineering mechanics is useful in formulating new ideas and theories, discovering and interpreting phenomena and developing experimental and computational tools.

Engineering mechanics is the application of applied mechanics to solve problems involving common engineering elements. The goal of this engineering mechanics course is to expose students to problems in mechanics as applied to plausibly real-world scenarios. Problems of particular types are explored in detail in the hopes that students will gain an inductive understanding of

the underlying principles at work; students should then be able to recognize problems of this sort in real-world situations and respond accordingly. Our hope is that this book, through its careful explanations of concepts, practical examples and figures bridges the gap between knowledge and proper application of that knowledge. *Vedic Mathematics Made Easy* CRC Press

This book highlights the role of Biomedical Engineering (BME) used in diagnosis (e.g., body scanners) and treatment (radiation therapy and minimal access surgery in order to prevent various diseases). In recent years, an important progress has been made in the expansion of biomedical microdevices which has a major role in diagnosis and therapy of cancer. When fighting cancer, efficacy and speed are of the utmost importance. A recently developed microfluidic chip has enabled a breakthrough in testing the efficacy of specialized cancer drugs. Effective cancer-targeting therapies will require both passive and active targeting strategies and a thorough understanding of physiologic barriers to targeted drug delivery. Targeted cancer treatments in development and the new combinatorial approaches show promise for improving targeted anticancer drug delivery and improving treatment outcomes. This book discusses the advancements and innovations in the field of BME that improve the diagnosis and treatment of cancer. This book is focused on bioengineering approaches to improve targeted delivery for cancer therapeutics, which include particles, targeting moieties, and stimuli-responsive drug release mechanisms. This book is a useful resource for students, researchers, and professionals in BME and medicine.

The Indian Family Caregivers of Persons with Mental Illness Nirali Prakashan

SGN.The Ebook Savitribai Phule Pune University Ph.D. Entrance Test: Commerce Subject Covers Objective Questions On Commerce Subject From Various Similar Exams With Answers.

Research Advances in the Integration of Big Data and Smart Computing CRC Press

This book presents the select proceedings of 1st

International Conference on Future Trends in Materials and Mechanical Engineering (ICFTMME-2020), organised by Mechanical Engineering Department, SRM Institute of Science and Technology (Formerly known as SRM University), Delhi-NCR Campus, Ghaziabad, Uttar Pradesh, India. The book provides a deep insight of future trends in the advancement of materials and mechanical engineering. A broad range of topics and issues in material development and modern mechanical engineering are covered including polymers, nanomaterials, magnetic materials, fiber composites, stress analysis, design of mechanical components, theoretical and applied mechanics, tribology, solar, additive manufacturing and many more. This book will prove its worth to a broad readership of engineering students, researchers, and professionals.

Advances in Civil Engineering and Building Materials Bentham Science Publishers

Preface UGC NET exam pattern 2022 has been released by National Testing Agency (NTA) along with the official notification. As per the UGC NET 2022 exam pattern, the exam consists of two papers- Paper 1 and Paper 2. Both papers are comprised of objective-type multiple-choice questions (MCQs). There is no break between Paper 1 and 2. The exam will be conducted in Computer Based Test (CBT) mode. The medium of the UGC NET question paper is in English and Hindi languages only. Till December 2018, the UGC NET exam pattern was such that the test consisted of two papers (Paper 1 and 2) that were conducted in two different sessions. Candidates had to complete both the papers (Paper 1 and 2) in a duration of one and two hours, respectively. However, in June 2019, NTA changed the exam pattern as per which candidates now have to give both the

papers in a single three-hour duration. In UGC NET Paper 1, the official website of NTA informs, "The questions will be generic in nature, intending to assess the teaching/research aptitude of the candidate. It will primarily be designed to test reasoning ability, comprehension, divergent thinking and general awareness of the candidate." This book 'A Handbook for General Paper on Teaching & Research Aptitude (Paper -I) of UGC-NET & PET Exams: A Crash Course for all Aspiring Students' (For All 101 Subjects) is an outcome of not just efforts from the authors, but contributions by many Research Scholars. We take this opportunity to thank all those who supported in publication of this book. Many research scholars have been kind enough to share their research works in form of Video sessions on Teaching & Research Aptitude, Power-point presentations, MCQs in google from etc, so that a larger section of the aspiring students can take a guideline in preparing for the exams. This Book also contains useful QR codes for direct link to various folders and files on the drive for Syllabi for UGC NET Paper-I & Various MCQ's on different Open-source websites. We owe to many authors and websites whose writings formed the basis for this book. Our special acknowledgment and thanks to Indira Gandhi Open University, New Delhi and their open source websites www.ignou.ac.in & www.egyankosh.ac.in. We also take this opportunity to thank Amazon and Kindle Publishing for the publication of this book. At the end we would like to say that there is always a room for improvement in whatever we do. We would appreciate any suggestions and feedback regarding this book from the readers on mukulburghate@gmail.com so that the book can be made more interesting and meaningful. Dr. Mukul Burghate I BE, FIE, M. Com, MBA, SET, NET Dr. Indu Mazumdar I MBA, DTM, NET Dr. Ram Panchariya I MBA, M. Com, NET Dr. Ninad Gawande I MBA, NET

Engineering Mathematics-II
 BecomeShakespeare.com
 Mechanical engineering, as its name suggests, deals with the mechanics of operation of mechanical systems. This is the branch of engineering which includes design, manufacturing, analysis and maintenance of mechanical systems. It combines engineering physics and mathematics principles with material science to design, analyse, manufacture and maintain mechanical systems. This book covers the field requires an understanding of core areas including thermodynamics, material science, manufacturing, energy conversion systems, power transmission systems and mechanisms. This book includes basic knowledge of various mechanical systems used in day to day life. My hope is that this book, through its careful explanations of concepts, practical examples and figures bridges the gap between knowledge and proper application of that knowledge.

A Textbook of Electrical Technology - Volume I (Basic Electrical Engineering) mukul burghate

Cheers to the one year journey of our publication "Wordsgenix". In the commemoration of the first birth anniversary of our publication, we bring you a wholesome collection of all the writers from our team. The explicit memory of the compilers from our team has been highlighted in this anthology. Our experiences will ignite the optimistic vision of achieving your ambitions and our friendship goals will revive your spirits of team work. Let's discover the blast!

Basic Electronics New Age International

The main aims of this book are to summarize the fundamentals, synthesis methods, properties and applications of nanomaterials, so as to provide readers with a systematic knowledge on nanomaterials. In addition,

the book covers most commonly used characterization tools pertaining to nanomaterials. Further, it deals with relevant aspects of nanocomposites which contains dispersion of nano-sized particulates, and carbon nanotubes (CNTs) in the matrices (polymer, metal and ceramic). It also discusses development of smart nano textiles (intelligent textiles), self-cleaning glass, sensors, actuators, ferro-fluids, and wear resistant nano coatings. Aimed at senior undergraduate and graduate students, the key features on this book include: Top-down and bottom-up approaches for the synthesis of nanomaterials included Illustrates sample preparation and basic principle of characterization tools for nanomaterials Explains calculation of ratios of surface area to volume and surface atoms to bulk atoms Reviews synthesis, properties and applications of carbon nanotubes and magnetic nanomaterials Discusses size effect on thermal, mechanical, optical, magnetic and electrical properties

Advances in Materials and Mechanical Engineering JEC PUBLICATION

The volume, complexity, and irregularity of computational data in modern algorithms and simulations necessitates an unorthodox approach to computing. Understanding the facets and possibilities of soft computing algorithms is necessary for the accurate and timely processing of complex data. Research Advances in the Integration of Big Data and Smart Computing builds on the available literature in the realm of Big Data while providing further research opportunities in this dynamic field. This publication provides the resources necessary for technology developers, scientists, and policymakers to adopt and implement new paradigms in

computational methods across the globe. The chapters in this publication advance the body of knowledge on soft computing techniques through topics such as transmission control protocol for mobile ad hoc networks, feature extraction, comparative analysis of filtering techniques, big data in economic policy, and advanced dimensionality reduction methods.