

Aktu B Tech 1st Year Syllabus

University Chemistry, 4/E
 Power Electronics
 Modern Java Recipes
 Renewable Energy Resources
 Modeling and Simulation of Dynamic Systems
 A TEXTBOOK OF ENGINEERING CHEMISTRY
 Let Us C: Authentic Guide to C PROGRAMMING Language 17th Edition (English Edition)
 GATE Mathematics
 Basic Electrical Engineering
 Engineering Mechanics
 COMPUTER BASICS AND C PROGRAMMING
 Yours Sarcastically
 Fundamentals of Electrical Drives
 Basic Electrical Engineering
 The State of Affairs
 University of Delhi
 Electric Drives
 Functional Python Programming
 Advanced Engineering Mathematics
 A Text Book of Engineering Mathematics
 Programming for Problem Solving (All India)
 Introduction To Engg.Mathematics Vol-I (U.P.)
 Mechanical and Industrial Engineering
 Science and Survival
 An Introduction to Immunology
 Introduction to Engineering.Mathematics Vol-1(GBTU)
 Electrical Engineering (For 1st Year of UPTU & UTU)
 Engineering Mathematics: For First Year
 Engineering Mathematics
 Engineering Mathematics - II: For UPTU
 Signals & Systems
 Manufacturing Processes
 Cosmological and Psychological Time
 Applied Physics for Engineers
 Computer Organization
 Introduction to Engineering Physics Vol-1 (U.P.Tech.Uni.Lucknow)
 Digital Design
 Engineering Mathematics-II
 Engineering Physics Theory And Experiments

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EVELYN HULL

University Chemistry, 4/E Introduction to Engineering Physics Vol-1 (U.P.Tech.Uni.Lucknow)
 Effective from 2008-09 session, U.P.T.U. has introduced the subject of manufacturing processes for first year engineering students of all streams. This textbook covers the entire course material in a distilled form.
Power Electronics Pearson Education India
 This authoritative book, highly regarded for its intellectual quality and contributions provides a solid foundation and life-long reference for anyone studying the most important methods of modern signal and system analysis. The major changes of the revision are reorganization of chapter material and the addition of a much wider range of difficulties.
Modern Java Recipes One Point Six Technology Pvt Ltd
 For close to 30 years, [Basic Electrical Engineering] has been the go-to text for students of Electrical Engineering. Emphasis on concepts and clear mathematical derivations, simple language coupled with systematic development of the subject aided by illustrations makes this text a fundamental read on the subject. Divided into 17 chapters, the book covers all the major topics such as DC Circuits, Units of Work, Power and Energy, Magnetic Circuits, fundamentals of AC Circuits and Electrical Instruments and Electrical Measurements in a straightforward manner for students to understand.
Renewable Energy Resources Pearson Educación
 An eminent ecologist shows how dangerous flaws in the structure of science threaten our existence & suggests what might be done to avert the ultimate blunder.
Modeling and Simulation of Dynamic Systems "O'Reilly Media, Inc."
 Iconic couples' therapist and bestselling author of *Mating in Captivity* Esther Perel returns with a provocative look at relationships through the lens of infidelity. An affair: it can rob a couple of their relationship, their happiness, their very identity. And yet, this extremely common human experience is so poorly understood. What are we to make of this time-honored taboo—universally forbidden yet universally practiced? Why do people cheat—even those in happy marriages? Why does an affair hurt so much? When we say infidelity, what exactly do we mean? Do our romantic expectations of marriage set us up for betrayal? Is there such a thing as an affair-proof marriage? Is it possible to love more than one person at once? Can an affair ever help a marriage? Perel weaves real-life case stories with incisive psychological and cultural analysis in this fast-paced and compelling book. For the past ten years, Perel has traveled the globe and worked with hundreds of couples who have grappled with infidelity. Betrayal hurts, she writes, but it can be healed. An affair can even be the doorway to a new marriage—with the same person. With the right approach, couples can grow and learn from these tumultuous experiences, together or apart. Affairs, she argues, have a lot to teach us about modern relationships—what we expect, what we think we want, and what we feel entitled to. They offer a unique window into our personal and cultural attitudes about love, lust, and commitment. Through examining illicit love from multiple angles, Perel invites readers into an honest, enlightened, and entertaining exploration of modern marriage in its many variations. Fiercely intelligent, *The State of Affairs* provides a daring framework for understanding the intricacies of love and desire. As Perel observes, "Love is messy; infidelity more so. But it is also a window, like no other, into the crevices of the human heart."
A TEXTBOOK OF ENGINEERING CHEMISTRY S. Chand Publishing
 In An Introduction to Immunology, the author includes the most recent information while emphasizing the basic fundamentals of each topic so that you obtain a broad outline of the subject. The text elucidates fundamental concepts, such as the origin of the immune system, innate and acquired immunity, and cells and organs of the immune system. It discusses recent concepts and

ideas regarding innate and acquired immunity, T-cell and B-cell activation and differentiation mechanisms, factors involved in rheumatoid arthritis, T-cell clonal anergy, NK cell receptors, strategies in production of new vaccines against pathogens, new information on the minor histocompatibility complex, and much more. Moreover, the author brings you up to date with the latest developments by reviewing recently proposed concepts on transplantation immunology, blocking of costimulatory signals, CTLA-4 mediated T-cell inhibition, immune tolerance, NK cell tolerance, HLA delivered peptides for immunosuppression, and tumor antigens coded by oncogenes. Covering subject matter based on the immunology course taught by the author for the past twenty years, *Introduction to Immunology* is an excellent text for graduate and postgraduate students, as well as a good reference book for teachers of biological sciences.
Let Us C: Authentic Guide to C PROGRAMMING Language 17th Edition (English Edition) New Age International
 Basic Of Concepts • D.C. Circuit Analysis • Network Theorem • A. C. Fundamentals • Analysis Of Single Phase A.C. Circuit • Three Phase A.C. Circuit • Measuring Instruments • Introduction To Power System • Magnetic Circuits • Single Phase Transformer • D.C. Machines • Induction Motors • Three Phase Synchronus Machines Papers Index
GATE Mathematics Pearson Educación
 This Book Is Based On The Common Core Syllabus Of Up Technical University. It Explains, In A Simple And Systematic Manner, The Basic Principles And Applications Of Engineering Physics. After Explaining The Special Theory Of Relativity, The Book Presents A Detailed Analysis Of Optics.Scalar And Vector Fields Are Explained Next, Followed By Electrostatics. Magnetic Properties Of Materials Are Then Described. The Basic Concepts And Applications Of X-Rays Are Highlighted Next. Quantum Theory Is Then Explained, Followed By A Lucid Account Of Lasers. After Explaining The Basic Theory, The Book Presents A Series Of Interesting Experiments To Enable The Students To Acquire A Practical Knowledge Of The Subject.A Large Number Of Questions And Model Test Papers Have Also Been Added. Different Chapters Have Been Revised And More Numerical Problems As Per Requirement Have Been Added. The Book Would Serve As An Excellent Text For First Year Engineering Students. Diploma Students Would Also Find It Extremely Useful.
Basic Electrical Engineering Upkar Prakashan
 "This second edition maintains the book's basis on fundamentals, whilst including experience gained from the rapid growth of renewable energy technologies as secure national resources and for climate change mitigation, more extensively illustrated with case studies and worked problems. The presentation has been improved throughout, along with a new chapter on economics and institutional factors. Each chapter begins with fundamental theory from a scientific perspective, then considers applied engineering examples and developments, and includes a set of problems and solutions and a bibliography of printed and web-based material for further study. Common symbols and cross referencing apply throughout, essential data are tabulated in appendices. Sections on social and environmental aspects have been added to each technology chapter." -- back cover.
Engineering Mechanics New York ; Toronto : McGraw-Hill
 This book examines the many faces of philosophy of time, including the metaphysical aspects, natural science issues, and the consciousness of time. It brings together the different methodologies of investigating the philosophy of time. It does so to counter the growing fragmentation of the field with regard to discussions, and the existing cleavage between analytic and continental traditions in philosophy. The book's multidirectional approach to the notion of time contributes to a better understanding of time's metaphysical, physical and phenomenological aspects. It helps clarify the presuppositions underpinning the analytic and continental traditions in the philosophy of time and offers ways in which the differences between them can be bridged.
COMPUTER BASICS AND C PROGRAMMING KHANNA PUBLISHING HOUSE
 Engineering Mathematics II: For UPTU is designed as per the specific requirements of the first-

semester paper offered in the B.E./B.Tech syllabus of Uttar Pradesh Technical University (UPTU). With an emphasis on problem-solving techniques, engineering applications, as well as detailed explanations of the mathematical concepts, this book will give the students a complete grasp of the mathematical skills that are needed by engineers. The focus on practice rather than theory ensures complete mastery over the topics covered in the semester.

Yours Sarcastically Springer

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 Visveswaraiya 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.

Fundamentals of Electrical Drives HarperCollins

Introduction to Engineering Physics Vol-1 (U.P.Tech.Uni.Lucknow)S. Chand Publishing

Basic Electrical Engineering S. Chand Publishing

or BE/BTech /B Arch students for third semester of all engineering Colleges under UPTU This book is primarily written according to the unified syllabus (2009-2010) of Mathematics-III for all Engineering students.

The State of Affairs PHI Learning Pvt. Ltd.

For B.E./B.Tech. / B.Arch. Students for First Semester of all Engineering Colleges of Maha Maya

Technical University, Noida and Gautam Buddha Technical University, Lucknow

University of Delhi Packt Publishing Ltd

Learn the hand-crafted notes on C programming Key Features Strengthens the foundations, as a detailed explanation of programming language concepts are given Lucid explanation of the concept Well thought-out, fully working programming examples End-of-chapter exercises that would help you practice the skills learned in the chapter Hand-crafted "KanNotes" at the end of the each chapter that would help the reader remember and revise the concepts covered in the chapter Focuses on how to think logically to solve a problem Description The new edition of this classic book has been thoroughly revamped, but remains faithful to the principles that have established it as a favourite amongst students, teachers and software professionals round the world. "Simplicity"- that has been the hallmark of this book in not only its previous sixteen English editions, but also in the Hindi, Gujarati, Japanese, Korean, Chinese and US editions. This book doesn't assume any programming background. It begins with the basics and steadily builds the pace so that the reader finds it easy to handle advanced topics towards the end of the book. What will you learn C Instructions Decision Control Instruction, Loop Control Instruction, Case Control Instruction Functions, Pointers, Recursion Data Types, The C Preprocessor Arrays, Strings Structures, Console Input/Output, File Input/Output Who this book is for Students, Programmers, researchers, and software developers who wish to learn the basics of C++ programming language. Table of Contents 1. Getting Started 2. C Instructions 3. Decision Control Instruction 4. More Complex Decision Making 5. Loop Control Instruction 6. More Complex Repetitions 7. Case Control Instruction 8. Functions 9. Pointers 10. Recursion 11. Data Types Revisited 12. The C Preprocessor 13. Arrays 14. Multidimensional Arrays 15. Strings 16. Handling Multiple Strings 17. Structures 18. Console Input/Output 19. File Input/Output 20. More Issues In Input/Output 21. Operations On Bits 22. Miscellaneous Features 23. Interview FAQs Appendix A- Compilation and Execution Appendix B- Precedence Table Appendix C- Chasing the Bugs Appendix D- ASCII Chart Periodic Tests I to IV, Course Tests I, II Index About the Authors Through his books and Quest Video Courses on C, C++, Java, Python, Data Structures, .NET, IoT, etc. Yashavant Kanetkar has created, molded and groomed lacs of IT careers in the last three decades. Yashavant's books and Quest videos have made a significant contribution in creating top-notch IT manpower in India and abroad. Yashavant's books are globally recognized and millions of students/professionals have benefitted from them. Yashavant's books have been translated into Hindi, Gujarati, Japanese, Korean and Chinese languages. Many of his books are published in India, USA, Japan, Singapore, Korea and China. Yashavant is a much sought after speaker in the IT field and has conducted seminars/workshops at TedEx, IITs, IIITs, NITs and global software companies. Yashavant has been honored with the prestigious "Distinguished Alumnus Award" by IIT Kanpur for his entrepreneurial, professional and academic excellence. This award was given to top 50 alumni of IIT Kanpur who have made a significant contribution towards their profession and betterment of society in the last 50 years. His LinkedIn profile: [linkedin.com/in/yashavant-kanetkar-9775255](https://www.linkedin.com/in/yashavant-kanetkar-9775255)

Electric Drives Ramesh Publishing House

This book is intended as a textbook for the first-year undergraduate engineering students of all disciplines. Key features: simple and clear diagrams throughout the book help students in understanding the concepts clearly; numerous in-chapter solved problems, chapter-end unsolved problems (with answers) and review questions assist students in assimilating the theory comprehensively; a large number of objective type questions at the end of each chapter help students in testing their knowledge of the theory.

Functional Python Programming Pearson College Division

This book introduces students to the basics of computers, software and internet along with how to program computers using the C language. It is intended for an introductory course that gives beginning engineering and science students a firm rooting in the fundamental principles of computers and information technology, and also provides invaluable insights into key concepts of computing through development of skills in programming and problem solving using C language. To this end, the book is eminently suitable for the first-year engineering students of all branches and MCA students, as per the prescribed syllabus of several universities. C is a difficult language to learn if it is not methodically introduced. The book explains C and its basic programming techniques in a way suitable for beginning students. It begins by giving students a solid foundation in algorithms to help them grasp the overall concepts of programming a computer as a problem-solving tool. Simple aspects of C are introduced first to enable students to quickly start writing programs. More difficult concepts in the latter parts of the book, such as pointers and their use, have been presented in an accessible manner making the learning of C an exciting and interesting experience. The methodology used is to illustrate each new concept with a program and emphasize a good style in programming to allow students to gain sufficient skills in problem solving. KEY FEATURES Self-contained introduction to both computers and programming for beginners All important features of C illustrated with over 100 examples Good style in programming emphasized Laboratory exercises on applications of MS Office, namely, Word processing, Spreadsheet, PowerPoint are included.

Advanced Engineering Mathematics S. Chand Publishing

This book is primarily written according to the unified syllabus, 2003 of Mathematics of first semester and second semester of all Engineering Colleges affiliated to U.P. Technical University, Lucknow and other States of India. This book also covers the B.Tech./B.E./B.Arch First year courses of other Indian Engineering Colleges. This is divided into Thirty chapters on different topics. Multiple Integral Chapter has been divided into two separate chapters i.e. one chapter on Double Integration and the other chapter on Triple integration, so that the readers can understand easily.

A Text Book of Engineering Mathematics Let Us C

Create succinct and expressive implementations with functional programming in Python Key Features Learn how to choose between imperative and functional approaches based on expressiveness, clarity, and performance Get familiar with complex concepts such as monads, concurrency, and immutability Apply functional Python to common Exploratory Data Analysis (EDA) programming problems Book Description If you're a Python developer who wants to discover how to take the power of functional programming (FP) and bring it into your own programs, then this book is essential for you, even if you know next to nothing about the paradigm. Starting with a general overview of functional concepts, you'll explore common functional features such as first-class and higher-order functions, pure functions, and more. You'll see how these are accomplished in Python 3.6 to give you the core foundations you'll build upon. After that, you'll discover common functional optimizations for Python to help your apps reach even higher speeds. You'll learn FP concepts such as lazy evaluation using Python's generator functions and expressions. Moving forward, you'll learn to design and implement decorators to create composite functions. You'll also explore data preparation techniques and data exploration in depth, and see how the Python standard library fits the functional programming model. Finally, to top off your journey into the world of functional Python, you'll at look at the PyMonad project and some larger examples to put everything into perspective. What you will learn Use Python's generator functions and generator expressions to work with collections in a non-strict (or lazy) manner Utilize Python library modules including itertools, functools, multiprocessing, and concurrent features to ensure efficient functional programs Use Python strings with object-oriented suffix notation and prefix notation Avoid stateful classes with families of tuples Design and implement decorators to create composite functions Use functions such as max(), min(), map(), filter(), and sorted() Write higher-order functions Who this book is for This book is for Python developers who would like to perform Functional programming with Python. Python Programming knowledge is assumed.