

Engineering Chemistry Wbut

Devices has been written for the undergraduate students of Electronics and Electrical Engineering. The book caters to introductory and advance courses on Solid State Devices. It is student-friendly and written for those who like to understand the subject from a physical perspective. Even teachers and researchers will benefit immensely from the knowledge of the subject with the help of lucid descriptions of theories and solved examples and covers the syllabus of most of the colleges under WBUT.

Numerical Methods and Programming has been written for engineering students of all streams, and can also be used profitably by all degree students. Theories have been discussed comprehensively, with numerous solved problems to help students understand subsequent techniques. The C programs in the book will be of immense help to those who have experiences of teaching various grades of students have played an instrumental role towards this end. Key Features • Brief but sufficient discussion of theory • Lucid presentation of theoretical concepts • Simple and easy-to-understand language • Solutions for a large number of technical problems • Examination-oriented approach • Several years' university question papers

The book 'Basic Environmental Engineering and Elementary Biology' has been written for the engineering students. It starts with basic concepts of ecology and concerns on environment. It then discusses how the spiraling rate of population growth and the requirements of human beings have led to large-scale deforestation, depletion of the environment and pollution. The book equips students to manage environment-related issues by showing how technology can be used to control these problems. This well thought-out book on one of the most talked about issues today, can serve as a ground for future environmentalists. It can also be a highly useful reference work for those who are interested in the fundamental aspects of environment principles have been explained in great detail, which can be used to manage environment and restore nature's balance.

Particle Technology and Engineering presents the basic knowledge and fundamental concepts that are needed by engineers dealing with particles and powders. The book provides a comprehensive reference and introduction to the topic, ranging from single particle characterization to bulk powder properties, from particle-particle interaction to advanced computational mechanics for particle and powder systems. The content focuses on fundamental concepts, mechanistic analysis and computational approaches. The first six chapters present basic information on properties of single particles and powder systems and their characterisation (covering the fundamental characteristics such as surface area, porosity, and flow), as well as particle-fluid interactions, gas-solid and liquid-solid systems, with applications in fluidization and pneumatic conveying. The last four chapters have an emphasis on the mechanics of particle and powder systems, including the mechanical behaviour of powder systems during storage and flow, contact mechanics, modelling particle systems, and finite element methods for analysing powder systems. This thorough guide is beneficial to undergraduates in chemical and other types of engineering, to chemical and process engineers in industry, and early stage researchers. It also provides a reference to experienced researchers on mathematical and mechanical computational methods. Provides a simple introduction to core topics in particle technology: characterisation of particles and powders: interaction between particles, gases and liquids; and some useful examples of gas-solid and liquid-solid systems Introduces the principles and applications of two useful computational approaches: discrete element method and computational fluid dynamics engineers to build their knowledge and skills and to enhance their mechanistic understanding of particulate systems

Engineering Mathematics I, (WBUT)

Basic Electrical and Electronics Engineering:

Engineering Chemistry, 2E As Per Wbut Syllabi

Engineering Thermodynamics and Fluid Mechanics (For MAKAUT), 3rd Edition

Drug Delivery and Biomedical Applications

The book has been designed according to the new AICTE syllabus and will cater to the needs of engineering students across all branches. The book provides the basis which is necessary for dealing with different types of physicochemical phenomena. Great care has been taken to explain the physical meaning of mathematical formulae, when and where they are required, followed by lucid development and discussion of experimental behaviour of systems. Every chapter has a set of solved problems and exercises. The idea is to instil sound understanding of the fundamental principles and applications of the subject. The author is well known for explaining the concepts of Engineering Chemistry with full clarity, leaving no ambiguity in the minds of the readers.Although this book is primarily intended for BTech/BE students, it will also cater to the requirements of those pursuing BSc and MSc, including those of other disciplines like materials science and environmental science.

Engineering Chemistry I has been primarily written for first year B.Tech students but can also be used by BSc and MSc students to clarify their fundamental knowledge. The book begins with the basic theories of chemistry in various disciplines in order to provide a necessary background for dealing with a number of different physicochemical phenomena. Key Features 1. Brief discussion of the concepts 2. Coverage of syllabus in totality 3. Examination-oriented approach 4. Large number of solved problems 5. Solution to previous year's question papers 6. Exercises at the end of each chapter

This book presents research advances in the theory of medical physics and its application in various sectors of biomedical engineering. It gathers best selected research papers presented at International Conference on Advances in Medical Physics and Healthcare Engineering (AMPHE 2020), organized by the Department of Physics (in collaboration with the School of Engineering and Technology) Adamas University, Kolkata, India. The theme of the book is interdisciplinary in nature; it interests students, researchers and faculty members from biomedical engineering, biotechnology, medical physics, life sciences, material science and also from electrical, electronics and mechanical engineering backgrounds nurturing applications in biomedical domain.

A comprehensive and up-to-date reference covering both conventional and novel industrial fermentation technologies and their applications Fermentation and cell culture technologies encompass more than the conventional microbial and enzyme systems used in the agri-food, biochemical, bioenergy and pharmaceutical industries. New technologies such as genetic engineering, systems biology, protein engineering, and mammalian cell and plant cell systems are expanding rapidly, as is the demand for sustainable production of bioingredients, drugs, bioenergy and biomaterials. As the growing biobased economy drives innovation, industrial practitioners, instructors, researchers, and students must keep pace with the development and application of novel fermentation processes and a variety of cell technologies. Advanced Fermentation and Cell Technology provides a balanced and comprehensive overview of the microbial, mammalian, and plant cell technologies used by the modern biochemical process industry to develop new and improved processes and products. This authoritative volume covers the essential features of advanced fermentation and cell technology, and highlights the interaction of food fermentation and cell culture biopharmaceutical actives. Detailed chapters, organized into five sections, cover microbial cell technology, animal and plant cell technology, safety issues of new biotechnologies, and applications of microbial fermentation to food products, chemicals, and pharmaceuticals. Written by an internationally-recognized expert in food biotechnology, this comprehensive volume: Covers both conventional and novel industrial fermentation technologies and their applications in a range of industries Discusses current progress in novel fermentation, cell culture, commercial recombinant bioproducts technologies Includes overviews of the global market size of bioproducts and the fundamentals of cell technology Highlights the importance of sustainability, Good Manufacturing Practices (GMP), quality assurance, and regulatory practices Explores microbial cell technology and culture tools and techniques such as genome shuffling and recombinant DNA technology, RNA interference and CRISPR technology, molecular thermodynamics, protein engineering, proteomics and bioinformatics, and synthetic biology Advanced Fermentation and Cell Technology is an ideal resource for students of food science, biotechnology, microbiology, agricultural sciences, biochemical engineering, and biochemistry, and is a valuable reference for food scientists, researchers, and technologists throughout the food industry, particularly the dairy, bakery, and fermented beverage sectors.

Mathematics for BCA Volume 2 – (WBUT)

Engineering Mathematics – 3A, 1E As Per Wbut Syllabi

Advances in Medical Physics and Healthcare Engineering

Engineering Mathematics Volume 3B (WBUT), 2nd Edition

Chemistry–I (As per AICTE)

Engineering Mathematics Volume 3B has been written for the third semester students of electrical, electronics, instrumentation, power and biomedical engineering courses. The entire book has been developed with an eye on the physical interpretations of concepts, application of the notions in engineering and technology and precision through its solved examples. Author's long experience of teaching various grades of students has played an instrumental role towards this end. An emphasis on various techniques of solving complex problems will be of immense help to the students.

ENGINEERING CHEMISTRY (WBUT)Engineering ChemistryWBUT-2011Engineering Chemistry I (WBUT), 3rd EditionVikas Publishing House

This book explores in depth a wide range of functional biomaterials-based systems for drug, gene delivery, and biomedical aspects. The chapters cover newer technologies such as polymeric micelle, pH-responsive biomaterials, stimuli-responsive hydrogels, silk fibroin, inorganic biomaterials, synthetic biomaterials, 3D printed biomaterials, metallic biomaterials, ceramic and hybrid biomaterials. It also describes the theranostic approaches for cancer therapy, the biomaterials-based nanofibers scaffolds in tissue engineering, as well as the strategies applications of metallic biomaterials for the medical and dental prosthetic field. This newer and updated approach will be attractive for biomedical engineering students working on materials science in the development of novel drug delivery strategies. The book will be an important reference for researchers and professionals working on biomaterial research in the pharmaceutical and medical fields.

The book 'Data Structures and Algorithms Using C' aims at helping students develop both programming and algorithm analysis skills simultaneously so that they can design programs with the maximum amount of efficiency. The book uses C language since it allows basic data structures to be implemented in a variety of ways. Data structure is a central course in the curriculum of all computer science programs. This book follows the syllabus of Data Structures and Algorithms course being taught in B Tech, BCA and MCA programs of all institutes under most universities.

Elements of Engineering mechanics

Engineering Mathematics II (WBUT), 2Nd Edition

Advances in Bioprocess Engineering and Technology

Software Engineering (WBUT), 2nd Edition

Everything You Should Have Learned in School...but Probably Didn't

Engineering Mathematics I has been written for the first year engineering students of WBUT. Starting with the basic notions of matrices and determinants, the entire book has been developed keeping in mind the physical interpretations of mathematical concepts, application of the notions of the in engineering and technology and precision through solved examples. Authors' long experiences of teaching various grades of students have played an instrumental role towards this end. An emphasis on various techniques of solving difficult problems will be of immense help to the students.

This book presents the select peer-reviewed proceedings of the International Conference on Advances in Bioprocess Engineering and Technology (ICABET 2020). The book covers all aspects of bioprocesses, especially related to fermentation technology, food technology, environmental biotechnology, and sustainable energy. Along with this primary theme, the focus is on recent advances in bioprocessing research such as biosensors, micro-reactors, novel separation techniques, bioprocess control, bio-safety, advanced techniques for waste to wealth generation, and nanobiotechnology. This contents are divided according to the major themes of the conference: (i) Fermentation Technology and Bioreactor, (ii) Food Pharmaceuticals and Health care, (iii) Environment and Agriculture, and (iv) Sustainable Energy. This book is intended to help students, researchers, and industry professionals acquire knowledge on innovative technologies and recent advancements in the field of bioprocess engineering and technology.

Thermodynamics is the very basic science to appreciate all engineering disciplines, more particularly the chemical, metallurgical and mechanical engineering in terms of the efficiencies in various related operations that is why metallurgical thermodynamics has been developed specifically to understand the metallurgical engineering processes and their energy efficiencies. Any change is driven by the potential driving it. Thermodynamics is the tool to appreciate that potential and to assess the related energy efficiency. Hence thermodynamics is the basic tool that helps to assess finally the economics of any metallurgical process. The more one understands it the better. The present book attempts to explain the very basic thermodynamic concepts underlying metallurgical engineering operations and therefore the related economics.

Following the suicide of an acquaintance, Abeer was suffering from a cliché case of doomsday syndrome. In a life where all everyone could bring into his life was either medication or addictions . In this beautiful city with shit stained sidewalks and shit swinging elitism, life felt directionless until a small incident makes him realise he may need the same help he has been trying to extend. While shuffling through multiple therapists, A chance meeting with a woman leads to something far more than he ever imagined. The woman in question was Meera. The woman on the contrary was a being of never ending optimism in a society full of nihilists. Would This encounter help Abeer answer some questions which were left unanswered?

Engineering Chemistry Lab (Ch-291)

Engineering Physics Practical

An Engineer's Guide to Particles and Powders: Fundamentals and Computational Approaches

For Power Plant Professionals

An Introduction to Thermal Power Plant Engineering and Operation

Electrical Engineering 101 covers the basic theory and practice of electronics, starting by answering the question "What is electricity?" It goes on to explain the fundamental principles and components, relating them constantly to real-world examples. Sections on tools and troubleshooting give engineers deeper understanding and the know-how to create and maintain their own electronic design projects. Unlike other books that simply describe electronics and provide step-by-step build instructions, EE101 delves into how and why electricity and electronics work, giving the reader the tools to take their electronics education to the next level. It is written in a down-to-earth style and explains jargon, technical terms and schematics as they arise. The author builds a genuine understanding of the fundamentals and shows how they can be applied to a range of engineering problems. This third edition includes more real-world examples and a glossary of formulae. It contains new coverage of: Microcontrollers FPGAs Classes of components Memory (RAM, ROM, etc.) Surface mount High speed design Board layout Advanced digital electronics (e.g. processors) Transistor circuits and circuit design Op-amp and logic circuits Use of test equipment Gives readers a simple explanation of complex concepts, in terms they can understand and relate to everyday life. Updated content throughout and new material on the latest technological advances. Provides readers with an invaluable set of tools and references that they can use in their everyday work.

Innovations in software engineering have ushered in an era of wired technology. We are constantly surrounded by the products of this revolution. With this book, the author has created a resourceful cache of latest information for aspiring software engineers, preparing them for a productive industry experience. Elaboration on concepts of software development and engineering, the book gives an insightful view of the fundamentals of system design, coding and documentation, software metrics, management and cost estimation. Based upon the updated university curriculum, this book is a student-friendly work that explains difficult concepts with neat illustrations and examples. Topic wise discussions on system testing and computer-aided software engineering go a long way in equipping budding software engineers with the right knowledge and expertise. This is a great book for self-based learning and for competitive examinations. It comes with a glossary of technical terms. Key Features • Lucid, well-explained concepts with solved examples • Complete coverage of the updated university syllabus • Chapter-end summaries and questions for quick review • Relevant illustrations for better understanding and retention • Glossary of technical terms • Solution to previous years' university papers

Made Easy Series is developed with an objective of meeting the requirement of books that cover syllabi of important core engineering subjects focussing completely on the manner in which concepts will be tested in examinations. Books in this series are designed in a question-and-answer format to cater to undergraduate students of all major technological universities and to equip them with the desired knowledge in a simple yet comprehensive manner. They explore all the important concepts of the syllabi with the help of solved questions and numerical problems of previous years? question papers of these universities. Apart from being extremely student-friendly and lucid, the books in this series are rich in pedagogical features such as brief point-wise discussion of fundamental concepts, theoretical questions with answers, solved numerical problems, and objective questions and exercises for further practice (all taken from previous years? question papers) that aid students in preparing well for university examinations.Because of the fiercely competitive nature of the current academic scenario and the large number of books available for each topic, it is extremely difficult for students to spend too much time in an in-depth study of each book, especially during examinations when they are hard-pressed for time. Made Easy Series will empower students to prepare for university examinations in a systematic and thorough manner in a limited amount of time.The syllabi of the following universities have been covered in the book: UPTU, Anna Univ., JNTU, VTU, RTU, RGTU, WBUT, BPUT, PTU, Pune Univ., Mumbai Univ.

Any good text book,particularly that in the fast changing fields such as engineering & technology,is not only expected to cater to the current curricular requirements of various institutions but also should provied a glimpse towards the latest developments in the concerned subject and the relevant disciplines.It should guide the periodic review and updating of the curriculum.

Essentials of Metallurgical Thermodynamics

Select Proceedings ICABET 2020

Numerical Method and Programming (WBUT), 2nd Edition

Mathematics-II (Calculus, Ordinary Differential Equations and Complex Variable)

A TEXTBOOK OF ENGINEERING CHEMISTRY

About The Vikas-Wbut Students Series: Books In This Series Have Been Specially Designed To Meet The Requirements Of A Large Spectrum Of Engineering Students Of Wbut Those Who Find Learning The Concepts Difficult And Want To Study Through Solved Examples, And Those Who Wish To Study The Traditional Way. A Large Number Of Solved Examples Are The Backbone Of This Series And Are Aimed At Instilling Confidence In The Students To Take On The Examinations. Engineering Chemistry Has Primarily Been Written For The First Year Engineering Students Of Wbut But Can Also Be Used By B.Tech / B.Sc (Hons & Pass) And M. Sc Students To Clarify Their Fundamental Concepts. It Starts With The Basic Theories Of Chemistry In Various Disciplines In Order To Provide A Background Necessary In Dealing With Different Types Of Physicochemical Phenomena. The Rapid Progress Of Technology, To Improve The Quality Of Human Life, Would Not Have Been Possible Without Holistic Research In The Field Of Chemistry. The Book Provides Motivational Ideas To Engineers For Innovation.

Mathematics for BCA is specially designed for students of BCA, who are at the threshold of a completely new domain. Keeping this in mind, the book has been planned with utmost care in the exposition of concepts, choice of illustrative examples, and also in sequencing of topics. The language is simple yet precise. A large number of worked out problems have been included to familiarize the students with the techniques to solving them, and to instill confidence. The topics are interdependent and must be studied in the same order as given in the book.

Books in this series have been specially designed to meet the requirements of a large spectrum of engineering students of WBUT-those who find learning the concepts difficult and want to study through solved examples and those who wish to study in the traditional way. Modern-day engineers constantly encounter applications of thermodynamics and fluid mechanics while working with engineering designs and structures, converting the power of heat and fluid into mechanical work-from early steam engines to hydroelectricity and supersonic jets. Equipping budding engineers with state-of-the-art technology, Engineering Thermodynamics and Fluid Mechanics provides an in-depth study of the two disciplines.Key Features1. Summary at the end of each chapter for quick recapitulation2. Large number of MCQs, review questions and numerical problem sets for self-assessment3. Five model test papers for practice4. Solution to past ten years' university papers

This book is intended to meet the requirements of the fresh engineers on the field to endow them with indispensable information, technical know-how to work in the power plant industries and its associated plants. The book provides a thorough understanding and the operating principles to solve the elementary and the difficult problems faced by the modern young engineers while working in the industries. This book is written on the basis of 'hands-on' experience, sound and in-depth knowledge gained by the authors during their experiences faced while working in this field. The problem generally occurs in the power plants during operation and maintenance. It has been explained in a lucid language.

WBUT-2011

Engineering Mathematics - 3B, 1E As Per Wbut Syllabi

ENGINEERING CHEMISTRY

Particle Technology and Engineering

Functional Biomaterials

Engineers face mathematical dilemmas every day—be it simple arithmetic or complex differential equations. To bail out engineers in such situations, a thorough understanding of applied mathematical concepts is quintessential. Engineering Mathematics II comes up with this and more—from discussing graph theory to solving improper integrals; from working out linear differential equations to understanding the Laplace transforms, the book is an exhaustive cache of solved numerical examples to enhance learning and problem-solving skills in students. The book, with its simple calculations and derivations, completely meets the requirements of II semester BE/BTech students who aspire to master mathematics. Keeping the curriculum at focus, the authors offer numerous problem sets and model question papers, which serve as a great reference work for course study as well as for getting a real-life experience of competitive exams. With this book as guide, students will find tackling complex concepts and problems an easy task. It is a great all-time companion for budding engineers. Key Features 1. Lucid, well-explained concepts with solved examples 2. Numerical problem sets for self-assessment 3. Large number of MCQs and model test papers 4. Past examination papers with answers

Mathematics-II (Calculus, Ordinary Differential Equations and Complex Variable) for the paper BSC-104 of the latest AICTE syllabus has been written for the second semester engineering students of Indian universities. Paper BSC-104 is common for all streams except CS&E students. The book has been planned with utmost care in the exposition of concepts, choice of illustrative examples, and also in sequencing of topics. The language is simple, yet accurate. A large number of worked-out problems have been included to familiarize the students with the techniques to solving them, and to instil confidence. Authors' long experience of teaching various grades of students has helped in laying proper emphasis on various techniques of solving difficult problems.

Today, enzyme technology, amalgamating enzymology with biotechnology, has become a household name in practically all branches of the contemporary science and technology. The book Principles of Enzyme Technology provides an exhaustive presentation of enzyme technology. The text is organised into four parts out of which the first three are more inclined towards imparting the conceptual aspects of the subject, whereas the fourth part accentuates more on the escalating applications of enzymes in industry, be it food, textile or pharmaceutical. Thus, the book offers a balanced insight into the immense world of enzymes in a single readable volume. HIGHLIGHTS OF THE BOOK • Inclusion of a chapter on Enzyme Engineering and Technology makes the book more future-oriented, highlighting the wonders that the modern science can make. • The textual presentation is very lucid, illustrative and organised in a manner that it is not based solely on the complexity of the subject but also on its usefulness. • Adequate number of references, listing of literature for further reading and problems (both multiple choice and thought based) given at the end of each chapter make the book an ideal tool for learning enzyme technology. Primarily intended as a text for the students of biotechnology, biochemistry and other life science branches, this book will be of immense use to the professionals as well as researchers for teaching and references.

Particle technology is a term used to refer to the science and technology related to the handling and processing of particles and powders. The production of particulate materials, with controlled properties tailored to subsequent processing and applications, is of major interest to a wide range of industries, including chemical and process, food, pharmaceuticals, minerals and metals companies and the handling of particles in gas and liquid solutions is a key technological step in chemical engineering. This textbook provides an excellent introduction to particle technology with worked examples and exercises. Based on feedback from students and practitioners worldwide, it has been newly edited and contains new chapters on slurry transport, colloids and fine particles, size enlargement and the health effects of fine powders. Topics covered include: Characterization (Size Analysis) Processing (Granulation, Fluidization) Particle Formation (Granulation, Size Reduction) Storage and Transport (Hopper Design, Pneumatic Conveying, Standpipes, Slurry Flow) Separation (Filtration, Settling, Cyclones) Safety (Fire and Explosion Hazards, Health Hazards) Engineering the Properties of Particulate Systems (Colloids, Respirable Drugs, Slurry Rheology) This book is essential reading for undergraduate students of chemical engineering on particle technology courses. It is also valuable supplementary reading for students in other branches of engineering, applied chemistry, physics, pharmaceuticals, mineral processing and metallurgy. Practitioners in industries in which powders are handled and processed may find it a useful starting point for gaining an understanding of the behavior of particles and powders. Review of the First Edition taken from High Temperatures - High pressures 1999 31 243 - 251 ".This is a modern textbook that presents clear-cut knowledge. It can be successfully used both for teaching particle technology at universities and for individual study of engineering problems in powder processing."

Advanced Fermentation and Cell Technology, 2 Volume Set

Engineering Mathematics-Vol. 1, 2E As Per Wbut Syllabi

A Complete Course In Engg.Chemistry (Wbut)

Introduction to Particle Technology

Engineering Chemistry I (WBUT), 3rd Edition

Some chapters in the book deal with the basic principles of chemistry while others are focused on its applied aspects, providing the correct interphase between the principles of chemistry and engineering. KEY FEATURES * Chapters cover both basic principles of chemistry as also its applied aspects. * Written in easy self-explanatory language and in depth at the same time. * Review questions provided at the end of each chapter. * A separate section 'Laboratory Manual' in Engineering Chemistry comprising 12 experiments is appended at the end of the book.

Market_Desc: Primary Market- RGPV (B.E.- 101 Engineering Chemistry)- VTU (10CHE12/ 10CHE 22 Engineering Chemistry)- BPUT (BSCC 2101 Chemistry)- UPTU (EAS-102/202 Engineering Chemistry)- WBUT (Chemistry -1 (Gr A and B))- JNTU (BS Engineering Chemistry)- Anna (CY2111 Engineering Chemistry-I; CY2161 Engineering Chemistry-II)- PTU (CH-101 Engineering Chemistry)- RTU ([106] and [206] Engineering Chemistry-I and II)- GTU (Chemistry)- CSVTU (300112 Applied Chemistry)Secondary Market- Higher semesters of Chemical and Biotechnology courses.· Students preparing for GATE and TANCET examinations. Special Features: · Accordant with the syllabi of various technical universities.· Structured to support the objective of Engineering Chemistry course for undergraduates. · Excellent correlation of concepts with their applications.· Systematic chapter organization based on logical progression of concepts.ü Builds the fundamentals of the subject in the initial chaptersü Comprehensively covers the applied topics in the field of engineering in the later chapters.ü Coherent chapter layout withü Clearly defined learning objectives.ü Introduction of topics, their precise and adequate explanation.ü Ample illustrations and diagrams.ü Solved examples at the end of relevant subtopics to strengthen the concepts.· Multiple-author model with content sourced from experts in respective areas of expertise (Inorganic, Organic, Physical, Analytical and Applied Chemistry) across geographies.· Comprehensive question bank at the end of each chapter containingü Objective type questions (classified into multiple-choice questions and fill in the blanks).ü Review questions (categorized into short-answer and long-answer type questions).ü Numerical problems.· Extensively reviewed content with single or multiple reviews by academicians of various technical universities for each chapter to generate error-free and accurate content. About The Book: The Engineering Chemistry course for undergraduate students is designed to strengthen the fundamentals of chemistry and then build an interface of theoretical concepts with their industrial/engineering applications. This book is structured keeping in view the objective of the course and is intended as a textbook for first year B.Tech/B.E. students of all engineering disciplines. The book aims to impart in-depth knowledge of the subject and highlight the role of chemistry in the field of engineering. The lucid explanation of the topics will help students understand the fundamental concepts and apply them to design engineering materials and solve problems related to them. An attempt has been made to logically correlate the topic with its application. The extension of fundamentals of electrochemistry to energy storage devices such as commercial batteries and fuel cells is one such example. The layout for a topic is designed after detailed study and analysis of the syllabi of various technical universities. The chapter for each topic begins with clearly defined learning objectives, followed by introduction of subtopics, their precise and adequate explanation supported with ample illustrations and diagrams. Solved examples are given at the end of relevant subtopics to strengthen the concepts. The chapters conclude with a set of review and practice questions.

Basic Electrical and Electronics Engineering provides an overview of the basics of electrical and electronic engineering that are required at the undergraduate level. The book allows students outside electrical and electronics engineering to easily

Basic Environmental Engineering and Elementary Biology (WBUT)

Proceedings of AMPHE 2020

Warm Loving Medication

PRINCIPLES OF ENZYME TECHNOLOGY