

Navneet Gupta Physics Book

A Textbook of Engineering Physics is written with two distinct objectives: to provide a single source of information for engineering undergraduates of different specializations and provide them a solid base in physics. Successive editions of the book incorporated topics as required by students pursuing their studies in various universities. In this new edition the contents are fine-tuned, modernized and updated at various stages.

The book covers recent trends in the field of devices, wireless communication and networking. It presents the outcomes of the International Conference in Communication, Devices and Networking (ICCDN 2018), which was organized by the Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim, India on 2-3 June, 2018. Gathering cutting-edge research papers prepared by researchers, engineers and industry professionals, it will help young and experienced scientists and developers alike to explore new perspectives, and offer them inspirations on addressing real-world problems in the field of electronics, communication, devices and networking.

Divided into four parts: circuits, electronics, digital systems, and electromagnetics, this text provides an understanding of the fundamental principles on which modern electrical engineering is based. It is suitable for a variety of electrical engineering courses, and can also be used as a text for an introduction to electrical engineering.

Textbook of Surgical Gastroenterology is a highly illustrated, two volume resource for residents and practising surgeons. Divided into 124 chapters across ten sections, this comprehensive textbook covers a vast range of gastroenterological conditions and their surgical management. Each section begins with a chapter on anatomy, before covering the surgical treatment of various disorders. This book is enhanced by 1200 images and two DVDs with guidance on seven surgical procedures.

Who's Who in Science and Engineering 2008-2009

English for Nurses

Textbook of Surgical Gastroenterology, Volumes 1 & 2

Nanomaterials and Their Applications

Analog Communication Systems

This book focuses on the latest advances in the field of nanomaterials and their applications, and provides a comprehensive overview of the state-of-the-art of research in this rapidly developing field. The book comprises chapters exploring various aspects of nanomaterials. Given the depth and breadth of coverage, the book offers a valuable guide for researchers and students working in the area of nanomaterials.

Engineering Physics is designed as a textbook for first year undergraduate engineering students. The book comprehensively covers all relevant and important topics in a simple and lucid manner. It explains the principles as well as the applications of a given topic using numerous solved examples and self-explanatory figures.

The book offers a simple yet effective way to learn English as well as to translate from Hindi to English. It contains several common Hindi sentences that have been translated

into English that allow a learner to easily understand day-to-day words and how to use them in sentences when writing or speaking in English. By learning how typical Hindi sentences, when translated into English can be used in everyday life, one can improve his or her grasp about using both the language. Besides the author, a good bi-linguist, has even detailed the grammatical aspects about each topic given in the book, which offer self-improving problems with easy solutions to them. Different sections have been created so as to improve the reader's basic grammar, which includes Nouns, Pronouns, Tenses, Sentence making, etc. Each section comes with a separate practice set that lets the readers test English reading, writing and speaking skills as well as the translation ability that one has been able to learn. There is even a separate vocabulary section to help readers learn more new words and how to use them effectively while communicating. With step-by-step guidelines, one can surely bring fluency in their English language usage over a few months.

B.Sc. Practical Physics

Handbook of Water Resources Management: Discourses, Concepts and Examples

ABC of Physics

A Very Brief Guide

Foundation Course for NEET (Part 2): Chemistry Class 9

Proceedings of ICCDN 2018

A Textbook of Engineering PhysicsS. Chand Publishing

Our NEET Foundation series is sharply focused for the NEET aspirants. Most of the students make a career choice in the middle school and, therefore, choose their stream informally in secondary and formally in senior secondary schooling, accordingly. If you have decided to make a career in the medical profession, you need not look any further! Adopt this series for Class 9 and 10 today.

This book gathers selected research papers presented at the Second International Conference on Energy Systems, Drives and Automations (ESDA 2019), held in Kolkata on 28-29 December 2019. It covers a broad range of topics in the fields of renewable energy, power management, drive systems for electrical machines and automation. Also discussing a variety of related tools and techniques, the book offers a valuable resource for researchers, professionals and students in electrical and mechanical engineering disciplines.

A series of six books for Classes IX and X according to the CBSE syllabus. Each class divided into 3 parts. Part 1 - Physics. Part 2 - Chemistry. Part 3 - Biology

Proceedings of ICRTMD 2019

Objective Chemistry

Proceedings of ESDA 2019

Advances in Communication, Devices and Networking

B.Sc. Practical Physics

This little book concentrates on the foundations of modern physics (its OC ABC"sOCO) and its most fundamental constants: c OCo the velocity of light and h OCo the quantum of action. First of all, the book is addressed to professional physicists, but in order to achieve maximal concentration and clarity it uses the simplest (high school) mathematics. As a result many pages of the book will be useful to college students and may appeal to a more general audience."

This book is useful for Teacher (TGT, PGT/J.B.T./N.T.T./ E.T.E./B.Ed./E.El.Ed. according to New Pattern of Examination

Understanding the recent developments in renewable energy is crucial for a

range of fields in today's society. As environmental awareness and the need for a more sustainable future continues to grow, the uses of renewable energy, particularly in areas such as smart grid, must be considered and studied thoroughly to be implemented successfully and move society toward a more sustainable future. Optimal Planning of Smart Grid With Renewable Energy Resources offers a detailed guide to the new problems and opportunities for sustainable growth in engineering by focusing on modeling diverse problems occurring in science and engineering as well as novel effective theoretical methods and robust optimization theories, which can be used to analyze and solve multiple types of problems. Covering topics such as electric drives and energy systems, this publication is ideal for researchers, academicians, industry professionals, engineers, scholars, instructors, and students.

Handbook of Physics Formulae Book For IIT-JEE, NEET, KVPY, NTSE, Olympiad and all other Engineering Entrance Exams Many excellent books are available in the market & each of them represents the subject matter in a highly explanatory manner. However, the students preparing for the competitive examinations also need a comprehensive book on formulae for quick reference and revision. This hand-book of Physics Formulae, therefore, will address this need of students. This little book is an attempt to present the basic formulae in quick reference format. A student may find this book as a handy aid for gaining rapid insight into the new formulae. Whether a student is doing exercises, homework, or preparing for the tests, this book will give them a quick easy reference to the formulae. The book contains most of the formulae from the syllabus of competitive examination, covering all the topics. Additionally, a systematic index incorporated at the beginning of the hand-book allows a user locate the required formulae swiftly and simply. We have tried our best to keep errors out of this book. Though we shall be grateful to the readers if they point any errors and/or make constructive suggestions. We wish to utilize the opportunity to place on record our special thanks to all members of the Content Development team for their efforts to create this wonderful book. Career Point Ltd, Kota (Rajasthan)

Proceedings ICRTMD 2015

TFET Integrated Circuits

Mathematics Formulae & Definitions (R-1009)

Three Decades of HIV/AIDS in Asia

IIT JEE Physics (1978 to 2018: 41 Years) Topic-wise Complete Solutions

The Book Thoroughly The Following: Physical Chemistry With Detailed Concepts And Numerical Problems. Organic Chemistry With More Chemical Equations. Inorganic Chemistry With Theory And Examples. In Addition To A Well Explained Theory The Book Includes Well Categorized Classified And Sub-Classified Questions On The Basis Of Latest Trends Of Examination Papers. Salient Features As Per The Syllabus Of Engineering And Medical Entrance Examinations Previous Years Solved Papers Every Unit Contains (I) Main Highlights; (Ii) Multiple Choice Questions; (Iii) True And False Statements; (Iv)Hints And Solutions.

"Bring conceptual clarity and develop the skills to approach any unseen problem, step by step." - HC Verma "Great Book to read and understand! Quality explanations and methodical approach separates this book from the rest. A clear winner in its category." -Review on Amazon "Must have book for every IIT JEE aspirant! There are many solution books available in the market but this book is a class apart. Solutions are explained in detail. In many questions there are extra points which are beneficial for aspirants." - Review on Amazon Written by IITians, foreword by Dr HC Verma and appreciated by students as well as teachers. Two IITian have worked together to provide a high quality Physics problem book to Indian students. It is an indispensable collection of previous 41 years IIT questions and their illustrated solutions for any serious aspirant. The success of this work lies in making the readers capable to solve complex problems using few basic principles. The readers are also asked to attempt variations of the solved problems to help them understand the concepts better. The students can use the book as a readily available mentor for providing hints or complete solutions as per their needs. Key features of the book are: - Concept building by problem solving. The solutions reveals all the critical points. - 1400+ solved problems from IIT JEE. The book contains all questions and their solutions. - Topic-wise content arrangement to enables IIT preparation with school education. - Promotes self learning. Can be used as a readily available mentor for solutions.

This book is a complete guide to dermatologic surgery for clinicians. Divided into 52 sections, the text begins with an overview of surgical instruments, local anaesthesia, sutures, dressings and skin biopsy. The following chapters cover numerous techniques for different dermatologic conditions, from mole surgery, vitiligo, and nail surgery, to Mohs surgery, laser scar revision, fillers, and much more. Each procedure is described with a step by step approach and includes tips and tricks, modifications, potential complications and recent advances. Both common and more complex disorders and techniques are explained in detail. The comprehensive text is further enhanced by more than 1800 clinical and surgical photographs, diagrams and tables. Key points Comprehensive guide to dermatologic surgery Covers numerous common and more complex disorders and techniques Tips and tricks, modifications, complications and recent advances highlighted for each topic Highly illustrated with more than 1800 photographs, diagrams and tables

This is the definitive source for all practising psychiatrists. It covers all areas of general psychiatry in depth, and includes sections on each of the subspecialties including child psychiatry and forensic psychiatry.

Modern Pharmaceutics

Logarithmic and Mathematical Tables

Advances and Challenges

Carbon Nanotube and Graphene Device Physics

Recent Trends in Materials and Devices

This book presents articles from the International Conference on Modelling, Simulation and Intelligent Computing (MoSiCom 2020), held at Birla Institute of Technology and Science Pilani, Dubai Campus, Dubai, UAE, in January 2020. Modelling and simulation are becoming increasingly important in a wide variety of fields, from Signal, Image and Speech Processing, and Microelectronic Devices and Circuits to Intelligent Techniques, Control and Energy Systems, and Power Electronics. Further, Intelligent Computational techniques are gaining significance in interdisciplinary engineering applications, such as Robotics and Automation, Healthcare Technologies, IoT and its Applications. Featuring the latest advances in the field of

engineering applications, this book serves as a definitive reference resource for researchers, professors and practitioners interested in exploring advanced techniques in the field of modelling, simulation and computing.

This book presents the proceedings of the International Conference on Recent Trends in Materials and Devices (ICRTMD 2019) held in India. It brings together academicians, scientists and industrialists from various fields for the establishment of enduring connections to solve the common global challenges across a number of disciplines. The conference provides a platform to tackle complex problems from a range of perspectives, thereby modeling integrated, solution-focused thinking and partnerships.

This book brings together selective and specific chapters on nanoscale carbon and applications, thus making it unique due to its thematic content. It provides access to the contemporary developments in carbon nanomaterial research in electronic applications.

Written by professionals with thorough expertise in similar broad area, the book is intended to address multiple aspects of carbon research in a single compiled edition. It targets professors, scientists and researchers belonging to the areas of physics, chemistry, engineering, biology and medicine, and working on theory, experiment and applications of carbon nanomaterials.

"Completely revised and expanded throughout. Presents a comprehensive integrated, sequenced approach to drug dosage formulation, design, and evaluation. Identifies the pharmacodynamic and physicochemical factors influencing drug action through various routes of administration."

Optimal Planning of Smart Grid With Renewable Energy Resources

A Handbook for Letter Writing

Teaching Aptitude (With MCQ)

Hindi-English Expert Translator Hindi se English Translation Mai Step-By-Step Purn Dakshita Ke Liye

A Step by Step Approach

There's more to creative visualization than meets the eye! In this groundbreaking volume, first published in 1967, Ophiel lays out the 10 Laws of Creative Visualization. Once understood, they are as simple and as real as the laws of gravity or magnetism. In other words, they work. Ophiel tells us how to do -- and undo -- the magic of visualization. Whether we want a new job, a new house, a new relationship, or a warm coat -- we can manifest that which will create happiness and comfort in our lives. And, should we discover that we've gotten it wrong -- that we neither want nor need what we've visualized, there are techniques to undo what has been done. Along with the theory, Ophiel offers plenty of practice in working with symbols, visualizing physical reality, making a "treasure chart," and understanding the role of emotion in visualization. Work with the symbols in the book and learn how to create your own. This is practical metaphysics at its best. Love spells are forever, but if you want the object of your affection to go away, Ophiel tells you how to do that as well.

Antenna design and wireless communication has recently witnessed their fastest growth period ever in history, and these trends are likely to continue for the foreseeable future. Due to recent advances in industrial applications as well as antenna, wireless communication, and 5G technology, we are witnessing a variety of developing and expanding new technologies. Compact and low-cost antennas are increasing the demand for ultra-wide bandwidth in next-generation (5G) wireless communication systems and the Internet of Things (IoT). Enabling the next generation of high-frequency communication, various methods have been introduced to achieve reliable high data rate communication links and enhance the directivity of planar antennas. 5G technology can be used in many applications, such as in smart city applications and in smartphones. This technology can satisfy the fast rise in user and traffic capacity in mobile broadband communications. Therefore, different planar antennas with intelligent beamforming capability play an important role in these areas. The purpose of this book is to present the advanced technology, developments, and challenges in antennas for next-generation antenna communication systems. This book covers advances in next-generation antenna design and application domain in all related areas. It is a detailed overview of

cutting-edge developments and other emerging topics and their applications in all areas of engineering that have achieved great accuracy and performance with the help of the advancement and challenges in next generation antennas. Whether a refresher for veteran engineers hoping to stay abreast of the latest advances and developing concepts in the field, an introduction to new engineers moving into the field, or a textbook for students and faculty, this groundbreaking new volume is a must-have for any library.

This book describes the physical operation of the Tunnel Field-effect Transistor (TFET) and circuits built with this device. Whereas the majority of publications on TFETs describe in detail the device, its characteristics, variants and performance, this will be the first book addressing TFET integrated circuits (TFET ICs). The authors describe the peculiarities of TFET ICs and their differences with MOSFETs. They also develop and analyze a number of logic circuits and memories. The discussion also includes complex circuits combining CMOS and TFET, as well as a potential fabrication process in Silicon.

This book provides an overview of facts, theories and methods from hydrology, geology, geophysics, law, ethics, economics, ecology, engineering, sociology, diplomacy and many other disciplines with relevance for concepts and practice of water resources management. It provides comprehensive, but also critical reading material for all communities involved in the ongoing water discourses and debates. The book refers to case studies in the form of boxes, sections, or as entire chapters. They illustrate success stories, but also lessons to be remembered, to avoid repeating the same mistakes. Based on consolidated state-of-the-art knowledge, it has been conceived and written to attract a multidisciplinary audience. The aim of this handbook is to facilitate understanding between the participants of the international water discourse and multi-level decision making processes. Knowing more about water, but also about concepts, methods and aspirations of different professional, disciplinary communities and stakeholders professionalizes the debate and enhances the decision making.

Planet Earth in a Nutshell

SCIENCE FOR TENTH CLASS PART 3 BIOLOGY

A Textbook of Engineering Physics

Fundamentals of Electrical Engineering

Handbook of Physics Formulae for JEE & NEET By Career Point Kota

This book presents the proceedings of the International Conference on Recent Trends in Materials and Devices, which was conceived as a major contribution to large-scale efforts to foster Indian research and development in the field in close collaboration with the community of non-resident Indian researchers from all over the world. The research articles collected in this volume - selected from among the submissions for their intrinsic quality and originality, as well as for their potential value for further collaborations - document and report on a wide range of recent and significant results for various applications and scientific developments in the areas of Materials and Devices. The technical sessions covered include photovoltaics and energy storage, semiconductor materials and devices, sensors, smart and polymeric materials, optoelectronics, nanotechnology and nanomaterials, MEMS and NEMS, as well as emerging technologies.

English for Nurses provides a perfect solution to the needs of nursing undergraduates. Based on the INC syllabus, it is an indispensable resource for B.Sc. Nursing students. Students of M.Sc. Nursing and those going for NCLEX, TOEFL and IELTS will also find it tremendously useful. The book has been written keeping in mind the requirements of the modern Indian nurses to converse well in English. As they serve in different national and international locations, English is their only window to the outside world. This book provides comprehensive study material and practice exercises on English language the way it is used in

day-to-day conversations in the hospital environment. Salient Features • Comprehensive, exhaustive and well-structured coverage • Lucid presentation with easy language for ease of comprehension • Ample number of examples, tables and other learning aids • All the essential elements of communication in modern-day nursing practice like nursing reports, records, etc., discussed, analysed and exemplified • Examples from real-life health care communications provided • Exhaustive end-of-chapter exercises • Solutions for all objective type exercises given What's New in the Second Edition • More examples have been added in the chapters • Exercises have been increased in several chapters • Several chapters like Narration and Voice have been revised for better clarity of the concept • Chapters like Essay Writing and Comprehension have been revised to include more health care scenarios

A work by health and development experts and professionals, this well-researched compilation traces the evolving and highly dynamic nature of HIV/AIDS and its unprecedented health and development threat in Asia. Three decades of HIV/AIDS in Asia studies how the region has responded to this epidemic in the last three decades. It contains country-specific chapters on the HIV/AIDS problem—low-prevalence countries such as Bangladesh and Sri Lanka as well as countries with advanced epidemics such as Cambodia, China, India, Pakistan, Thailand and Vietnam—and the evolving response to it. There is recognition of the fact that Asia remains the hardest hit after Africa. The lesson learnt from the Asian countries show that HIV can be prevented and clinically managed with sustained political commitment, adequate human and financial resources, and inter-sectoral action. With the modus operandi of real-life stories and case studies, this work is highly relevant in assessing the ground reality and the measures required for effective prevention, treatment, and care across the continuum.

The book in its present form is due to my interaction with the students for quite a long time. It had been my long-cherished desire to write a book covering most of the topics that form the syllabi of the Engineering and Science students at the degree level. Many students, although able to understand the various topics of the books, may not be able to put their knowledge to use. For this purpose a number of questions and problems are given at the end of each chapter.

Managing aquifer recharge

Modelling, Simulation and Intelligent Computing

Educative JEE Mathematics

Modern Engineering Physics

Art & Practice of Creative Visualization

The first introductory textbook to explain the properties and performance of practical nanotube devices and related applications.

A Handbook for Letter Writing ' is a comprehensive & exhaustive book which has been designed to help in learning the art and techniques of writing letters. The words and language that are being used while writing a letter not only shows our knowledge but also reflects our personality. The present book on letter writing has been divided into five chapters namely An Introduction of Letter Writing, Informal Letters, Formal Letters, Reference/ Recommendation Letters and Email. This

book contains various types of letters - Personal, Business Letters, Applications, Official Letters, Application Writing, Apology, Condolence, etc. The book also contains the E-mailing, Report Writing and Press Release sections. A simple and easy language with the latest pattern has been used in this book. This book will also help you in developing the research and writing skills.

Energy Systems, Drives and Automations

Procedural Dermatosurgery

New Oxford Textbook of Psychiatry

From Perspective Towards Reality

Engineering Physics