B Tech 1st Year Engineering Civil Notes

Engineering Physics Theory And Experiments : (As Per The New Syllabus, B. Tech. I Year Of U.P. Technical University)Engineering Mathematics Volume - II (Numerical Methods and Complex Variables) (For 1st Year, 1st Semester of JNTU, Kakinada)Engineering Mechanics : (As Per The New Syllabus, B.Tech. 1 Year Of U.P. Technical University)Laboratory Manual For Engineering Chemistry (For Bput)Biology for EngineersEngineering MathematicsEngineering Mathematics - IiHigher engineering mathematicsIntroduction to Special RelativityElectronics Engineering : (As Per The New Syllabus, B.Tech. I Year Of U.P. Technical University)Modern Engneering PhysicsEngineering Mathematics-IIA Textbook of Engineering PhysicsBasics Of Electronics EngineeringHigher Engineering Mathematics (Sem-III)Basic Electrical Engineering (Be 104)Problems in PhysicsA Textbook on Engineering Mathematics -1(MDU,Krukshetra)A Text Book of Applied PhysicsBasic Mechanical EngineeringEngg Physics (Uptu 2007)Mechanical Sciences-1(Wbut)Engineering Mathematics: Vol II; B.Sc. (Engg.), B.E., B.Tech., and other equivalent professional exams of all Engg. Colleges and Indian UniversitiesEngineering Mathematics-I (MAKAUT)Engineering Mathematics Volume - I (For 1st Semester of JNTU, Kakinada)Engineering MechanicsS.Chand'S Problems in Engineering PhysicsBasic ElectronicsEngineering DrawingEngineering Chemistry I (WBUT), 3rd EditionEngineering DrawingComputer Concepts and Programming in CIntroduction to Engineering.Mathematics Vol-1(GBTU)Computer Aided Engineering Graphics : (As Per The New Syllabus, B. Tech. I Year Of U.P. Technical University)Manufacturing Processes (as Per The Uptu New Syllabus)Introduction to Engineering MaterialsA Textbook of Engineering MathematicsElectrical Engineering (For 1st Year of UPTU & UTU)Engineering ChemistryA Textbook of Engineering Mechanics

Engineering Physics Theory And Experiments : (As Per The New Syllabus, B. Tech. I Year Of U.P. Technical University)

This book is primarily written according to the syllabi for B.E./B.Tech. Students for I sem. of MDU, Rohtak and Kurushetra University . Special Features : Lucid and Simple Laguage |bjective Types Questions | Large Number of Solved Examples | Tabular Explanation of Specific Topics | Presentation in a very Systematic and logical manner.

Engineering Mathematics Volume - II (Numerical Methods and Complex Variables) (For 1st Year, 1st Semester of JNTU, Kakinada)

Engineering Mechanics : (As Per The New Syllabus, B.Tech. 1 Year Of U.P. Technical

University)

The book gives an exhaustive exposition of the fundamental concepts, techniques and devices in Basic Electronics Engineering. The book covers the basic course in basic electronics of almost all the Indian technical universities and some foreign universities as well. It is particularly well suited undergraduate students of all Engineering disciplines. Diploma students of EEE and ECE will find useful too. Basic Electronics is designed as the one-stop solution for those attempting to teach as well as study a course on Basic Electronics. The carefully developed pedagogy will help the instructor pick thought-provoking questions for tutorials and examinations, as well as allow plenty of practice for the students. Salient Features • Approach modular, and exposition of subject matter through illustrations • Block-diagrams and circuit diagrams used aplenty to enhance understanding • Pedagogy count and features: • Solved Examples- 136 • MCQs- 189 • Review Questions- 235 • Problems- 163 • Diagrams- 409

Laboratory Manual For Engineering Chemistry (For Bput)

Biology for Engineers

Engineering Mathematics

Engineering Mathematic

Engineering Mathematics - Ii

Higher engineering mathematics

Manufacturing Processes is meant for the students of B.Tech. in all branches of engineering, namely, Mechanical, Electronics, Computer, Information Technology, Electrical and Civil. This book aims to fullfil specific need. Effective from 2008-09 sessions

Introduction to Special Relativity

In The Study Of Physics At The +2 Stage And The 1St Year Engineering Course, Problem Solving Poses A Major Challenge. This Book Aims At Assisting The Students Approach A Physics Problem, Elaborating On What Signifies That A Solution Has Been Found And Much More. Tougher Problems Have Been Solved, Laying Great Stress On Approach And Method; While Simultaneously Offering The Number Of Ways A Given Problem Can Be Solved Applying Different Approaches. The Fourth Edition Of This Widely Used Text Presents 300 New Problems With Answers Including 50 Fully Solved Examples.

Electronics Engineering : (As Per The New Syllabus, B.Tech. I Year Of U.P. Technical University)

Modern Engneering Physics

Suitable for a student taking a course in Electronics for the first time, this title explains 'what electronics is', 'what are its applications in our day-to-day life', 'what components are used in electronic circuits', 'Future trends in electronics', and more.

Engineering Mathematics-II

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

A Textbook of Engineering Physics

Introduction to Semiconductors and Diodes Introduction : Semiconductors N-type and P-type Majority and Minority carriers PN Junction characteristics Type and applications Power supplies Rectifier Filters Voltage multiplier Zener regulators.Transistors-Introduction to Small Signal AmplifierAmplification Transistor characteristic curve Transistor Types Transistor as switch Measuring gain Common emitter amplifier Stabilizing the amplifier Other configurations. Large Signal Amplification - Oscillators Basic features Amplifier classification Class A, B, AB, C and switched mode Amplifiers Oscillators RC, LC, Crystal and Relaxation oscillators SCR.Digital Logic and Combinational Circuits Binary Number System and Codes Basic logic gates and truth tables Boolean algebra and DeMorgan's theorem Logic circuits Sum of product methods Product of sum method Simple design of combinational logic networks Digital arithmetic Addition, Subtraction, Multiplication and Division of binary numbers. Sequential Logic CircuitsFlip Flops SR Flip Flop, Clocked SR, Master Slave, SR, JK Flip Flop D Flip Flop Registers Types of registers Counters Synchronous and Asynchronous counters BCD Decade counter.

Basics Of Electronics Engineering

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

Higher Engineering Mathematics (Sem-III)

Engineering Chemestry 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 physiochemical 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

Basic Electrical Engineering (Be 104)

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 syllabii 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.

Problems in Physics

A Textbook on Engineering Mathematics -1(MDU,Krukshetra)

Basic Of Concepts • D.C. Circuit Analaysis • 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 Trasformer • D.C. Machines • Induction Motors • Three Phase Synchronus Machaines Papers Index

A Text Book of Applied Physics

Engineering Mathematics covers the four mathematics papers that are offered to undergraduate students of engineering. With an emphasis on problem-solving techniques and 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.

Basic Mechanical Engineering

For the first year students of B.E./B.Tech/B.Arch. and also useful for competitive Examinations. A number of problems are solved. New problems are included in order to expedite the learning process of students of all hues and to improve their academic performance. Each chapter divided into smaller parts and subheading are provided to make the reading a pleasant journey

Engg Physics (Uptu 2007)

Mechanical Sciences-1(Wbut)

Engineering Mathematics: Vol II; B.Sc. (Engg.), B.E., B.Tech., and other equivalent professional exams of all Engg. Colleges and Indian Universities

Engineering Mathematics-I (MAKAUT)

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 Visveswaraiah 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.

Engineering Mathematics Volume - I (For 1st Semester of JNTU, Kakinada)

Engineering Mechanics

S.Chand'S Problems in Engineering Physics

Special Features: · Simple language, point-wise descriptions in easy steps.· Chapter organization in exact agreement with sequence of syllabus.· Simple line diagrams.· Concepts supported by ample number of solved examples and illustrations.· Pedagogy in tune with examination pattern of RGTU.· Large number of Practice problems.· Model Question Papers About The Book: This book is designed to suit the core engineering course on basic mechanical engineering offered to first year students of all engineering colleges in Madhya Pradesh. This book meets the syllabus requirements of Basic Mechanical Engineering and has been written for the first year students (all branches) of BE Degree course of RGPV Bhopal affiliated Engineering Institutes. A number of illustrations have been used to explain and clarify the subject matter. Numerous solved examples are presented to make understanding the content of the book easy. Objective type questions have been provided at the end of each chapter to help the students to quickly review the concepts.

Basic Electronics

Engineering Drawing

The course contents of the third edition of this book entitled 'Engineering Mechanics' are planned in such a way that the book covers the complete course of first year students of all disciplines of Anna University, Tamil Nadu according to the revised syllabus on annual pattern.

Engineering Chemistry I (WBUT), 3rd Edition

Engineering Drawing

Computer Concepts and Programming in C

A text which deals with the basic principles of materials science and technology in a simple, yet thorough manner. This edition includes more worked examples and more detailed information on certain aspects of materials science. An ELBS/LPBB edition is available.

Introduction to Engineering.Mathematics Vol-1(GBTU)

Biology is an important part of engineering analysis and design, and it is important that students in engineering programs, as well as ecologists and environmentalists, become well-acquainted with the fundamentals of biology as they relate to their field. This is the first book on the subject designed specifically for students of BTech and BE courses, as the subject has now been introduced to the syllabus.

Computer Aided Engineering Graphics : (As Per The New Syllabus, B. Tech. I Year Of U.P. Technical University)

Manufacturing Processes (as Per The Uptu New Syllabus)

Engineering Mathematics – 1 is designed as per the latest MAKAUT syllabus for first year engineering students. This book seeks to build fundamental concepts as well as help students in their semester examination. Each topic of the book is lucidly explained and illustrated with wide variety of examples. It provides crisp but complete coverage of topics which will help students in their higher semester examinations. Salient Features: - Complete coverage of the new MAKAUT 2018 syllabus for all streams of engineering - Deep coverage of topics such as Calculus, Fourier Series, Matrix Theory and Vector Spcaes - Step-wise explanation of different methods of solving problems

Introduction to Engineering Materials

Engineering Mathematic

A Textbook of Engineering Mathematics

Electrical Engineering (For 1st Year of UPTU & UTU)

This book gives an excellent introduction to the theory of special relativity. Professor Resnick presents a fundamental and unified development of the subject with unusually clear discussions of the aspects that usually trouble beginners. He includes, for example, a section on the common sense of relativity. His presentation is lively and interspersed with historical, philosophical and special topics (such as the twin paradox) that will arouse and hold the reader's interest. You'll find many unique features that help you grasp the material, such as worked-out examples,summary tables,thought questions and a wealth of excellent problems. The emphasis throughout the book is physical. The experimental background, experimental confirmation of predictions, and the physical interpretation of principles are stressed. The book treats relativistic kinematics, relativistic dynamics, and relativity and electromagnetism and contains special appendices on the geometric representation of space-time and on general relativity. Its organization permits an instructor to vary the length and depth of his treatment and to use the book either with or following classical physics. These features make it an ideal companion for introductory courses.

Engineering Chemistry

A Textbook of Engineering Mechanics