

# Engineering Vtu Textbooks

Getting the books **Engineering Vtu Textbooks** now is not type of challenging means. You could not only going with books hoard or library or borrowing from your contacts to get into them. This is an unconditionally easy means to specifically get lead by on-line. This online message Engineering Vtu Textbooks can be one of the options to accompany you taking into account having supplementary time.

It will not waste your time. believe me, the e-book will categorically tell you extra concern to read. Just invest little get older to retrieve this on-line statement **Engineering Vtu Textbooks** as competently as review them wherever you are now.

*CONTROL ENGINEERING* - K.P.Ramachandran 2011-06-01  
Market\_Desc: Primary Market· VTU: 06ME71 Control Engineering 7th Sem/ EC/TC/EE/IT/BM/ML 06ES43 4th Sem· JNTU: ECE/EEE Control Systems 4th Sem· Anna: ECE/EEE PTEC 9254/PTEE 9201 Control Systems 3rd Sem· UPTU (ME)EEE-409 Electrical Machines & Automatic Control 4th Sem/ ECE/ETE/EEE EEC503/EEE502 Control Systems 5th Sem· Mumbai: ETE Principles of Control System 5th Sem· BPUT ETE/EEE/ECE CPEE 5302 Control System Engineering 6th Sem· WBUT EE-503 Control System 5th Sem; EC-513 Control System 5th Sem· RGPV EC-402 Control Systems, 4th Sem· PTU ECE/EIE/EEE IC-204 Linear Control System 4th Sem· GNDU ECE ECT-223 Linear Control System 4th Sem  
Secondary Market· BPUT:CPME 6403 Mechanical Measurement and Control, 7th sem· RGPV: ME 8302 Mechatronics, 8th Sem elective· Anna: PTME9035 measurement and controls, 8th Sem· UPTU: TME-028 Automatic Controls, Elective 8th Sem· Mumbai: Mechatronics, 6th Sem· WBUT: ME 602 Mechatronics and Modern Control, 6th Sem  
Special Features: § The book provides clear exposure to the principles of control system design and analysis techniques using frequency and time domain analysis.§ Explains the important topics of PID controllers and tuning procedures.§ Includes state space methods for analysis of control system.§ Presents necessary mathematical topics such as Laplace transforms at relevant places.§ Contains detailed artwork capturing

circuit diagrams, signal flow graphs, block diagrams and other important topics.§ Presents stability analysis using Bode plots, Nyquist diagrams and Root locus techniques.§ Each chapter contains a wide variety of solved problems with stepwise solutions.§ Appendices present the use of MATLAB programs for control system design and analysis, and basic operations of matrices.§ Model question papers contain questions from various university question papers at the end of the book.§ Excellent pedagogy includesü 520+ Figures and tablesü 200+ Solved problemsü 90+ Objective questionsü 100+ Review questionsü 70+ Numerical problems  
About The Book: Control Engineering is the field in which control theory is applied to design systems to produce desirable outputs. It essays the role of an incubator of emerging technologies. It has very broad applications ranging from automobiles, aircrafts to home appliances, process plants, etc. This subject gains importance due to its multidisciplinary nature, and thus establishes itself as a core course among all engineering curricula. This textbook aims to develop knowledge and understanding of the principles of physical control system modeling, system design and analysis. Though the treatment of the subject is from a mechanical engineering point of view, this book covers the syllabus prescribed by various universities in India for aerospace, automobile, industrial, chemical, electrical and electronics engineering disciplines at undergraduate level.

**Basic Electronics (As Per U.P. Tech University)** - D. Chattopadhyay  
2002

The Book Is Meant To Be A Textbook For The Students Taking The Course On Basic Electronics Prescribed By The U.P. Technical University. In Nine Chapters, The Book Deals With The Formation Of Energy Bands In Solids; Properties Of Semiconductors; Semiconductor Junction Diodes And Diode Circuits; Bipolar Junction Transistors; Operational Amplifiers And Their Applications; Number Systems, Logic Gates And Digital Circuits; Digital Multimeter, And Cathode-Ray Oscilloscope. Fundamental Principles And Applications Are Discussed Herein With Explanatory Diagrams In A Clear Concise Way. Physical Aspects Are Discussed In Detail; Mathematical Derivations Are Given, Where Necessary. Many Problems, Objective-Type And Review Questions Which Are Typically Set In Examinations, Are Included In The Book At The End Of Each Chapter.

*A Textbook Of Engineering Mathematics-I : (As Per The New Syllabus, B.Tech. I Year Of U.P. Technical University)* - Gangwar 2009

**Engineering Physics (VTU)** - B. Basavaraj & P. Sadashiv

This book "Engineering Physics" is prepared specially for I and II Semester students of B.E./B.Tech. Course of Visvesvaraya Technological University. The subject matter has been methodically and systematically developed from the fundamental experimental physics. This text book has been written keeping in mind the difficulties of the students. KEY FEATURES • Number of solved problems for practice • Comprehensive text with lucid language • Revision questions, chapter end summary and list of formulae for better recap • Model Question papers for better insight into the subject matter

**Advanced Methods of Structural Analysis** - Igor A. Karnovsky  
2021-03-16

This revised and significantly expanded edition contains a rigorous examination of key concepts, new chapters and discussions within existing chapters, and added reference materials in the appendix, while retaining its classroom-tested approach to helping readers navigate

through the deep ideas, vast collection of the fundamental methods of structural analysis. The authors show how to undertake the numerous analytical methods used in structural analysis by focusing on the principal concepts, detailed procedures and results, as well as taking into account the advantages and disadvantages of each method and sphere of their effective application. The end result is a guide to mastering the many intricacies of the range of methods of structural analysis. The book differentiates itself by focusing on extended analysis of beams, plane and spatial trusses, frames, arches, cables and combined structures; extensive application of influence lines for analysis of structures; simple and effective procedures for computation of deflections; introduction to plastic analysis, stability, and free and forced vibration analysis, as well as some special topics. Ten years ago, Professor Igor A. Karnovsky and Olga Lebed crafted a must-read book. Now fully updated, expanded, and titled *Advanced Methods of Structural Analysis (Strength, Stability, Vibration)*, the book is ideal for instructors, civil and structural engineers, as well as researches and graduate and post graduate students with an interest in perfecting structural analysis.

**MATERIALS OF CONSTRUCTION - II** - H. S. Vishwanath 2014-05-09  
"Materials Of Construction-II" is intended to be used as a text book for Second Semester Diploma in Civil Engineering and is designed for comprehensively covering all topics relevant the subject as per the Syllabus Prescribed by the Board of Technical Education, Karnataka. The book contains six chapters. Chapter 1 - Cement, manufacture of cements, types and tests on cement discussed. Chapter 2 & Chapter 3 - deals with aggregates, tests of aggregates, mortar and its types. Chapter 4 - in this chapter concept of cement concrete, types, method of placing, compacting, curing, discussed. Chapter 5 - in this chapter paints and its types discussed. Chapter 6 - Consists of new modern materials used in Civil Engineering works and its properties. At the end of each chapter, Points to remember, Fill up the blanks & Descriptive type questions is given. To enhance the utility of book, Multiple Choice Questions are given towards the end of the book along with answers. This should benefit the students preparing for Common Entrance Test. It is hoped

that this book will be immense use to teachers and students of Polytechnics. I wish to express my gratitude to MEI Polytechnic, Bangalore for providing me an opportunity to bring out this text book. I am grateful to Sri Nitin S.Shah, M/s Sapna Book House (P) Ltd., Bangalore for publishing this book within a reasonable time. I am thankful to M/s Datalink, Bangalore for neatly typing the manuscript of this book. I also express my sincere thanks to Sri C.Chandrashekar, HOD (Civil) and colleagues for their encouragement. The readers are welcome to send their valuable comments and suggestions for further improvement of this book.

Engineering Metrology and Measurements - Raghavendra, 2013-05

Engineering Metrology and Measurements is a textbook designed for students of mechanical, production and allied disciplines to facilitate learning of various shop-floor measurement techniques and also understand the basics of mechanical measurements.

**ELEMENTS OF CIVIL ENGINEERING AND ENGINEERING MECHANICS** - M. N. SHESHA PRAKASH 2014-07-30

This book, in its third edition, continues to focus on the basics of civil engineering and engineering mechanics to provide students with a balanced and cohesive study of the two areas (as needed by them in the beginning of their engineering education). A basic undergraduate textbook for the first-year students of all branches of engineering, this book is specifically designed to conform to the syllabus of Visvesvaraya Technological University (VTU). Imparting the basic knowledge in various facets of civil engineering and the related engineering structures and infrastructure such as buildings, roads, highways, dams and bridges, the third edition covers the engineering mechanics portion in eleven chapters. Each chapter introduces the concepts to the reader, stepwise. Providing a wealth of practice examples, the book emphasizes the importance of building strong analytical skills. Practice problems, at the end of each chapter, give students an opportunity to absorb concepts and hone their problem-solving skills. The book comes with a companion CD containing the software developed using MS-Excel, to work out the problems on Forces, Centroid, Friction and Moment of Inertia. The use of

this software will enable the students to understand the concepts in a relatively better way. NEW TO THIS EDITION • Introduces a chapter on Kinematics as per the revised Civil Engineering syllabus of VTU • Updates with the latest examination Question Papers, including the one held in the month of December 2013

**TEXTBOOK OF ELEMENTS OF MECHANICAL ENGINEERING.** - S. TRYMBAKA. MURTHY 2016

**Engineering Electromagnetics** - Rajeev Bansal 2018-10-08

Electromagnetics is too important in too many fields for knowledge to be gathered on the fly. Knowing how to apply theoretical principles to the solutions of real engineering problems and the development of new technologies and solutions is critical. Engineering Electromagnetics: Applications provides such an understanding, demonstrating how to apply the underlying physical concepts within the particular context of the problem at hand. Comprising chapters drawn from the critically acclaimed Handbook of Engineering Electromagnetics, this book supplies a focused treatment covering radar, wireless, satellite, and optical communication technologies. It also introduces various numerical techniques for computer-aided solutions to complex problems, emerging problems in biomedical applications, and techniques for measuring the biological properties of materials. Engineering Electromagnetics: Applications shares the broad experiences of leading experts regarding modern problems in electromagnetics.

*Engineering Mathematics, Volume-1 (For VTU, Karnataka, As Per CBCS)* - Gangadharaiah Y.H. & Suma S.P.

Engineering Mathematics

A Textbook of Automobile Engineering - SK Gupta

A Textbook of Automobile Engineering is a comprehensive treatise which provides clear explanation of vehicle components and basic working principles of systems with simple, unique and easy-to-understand illustrations. The textbook also describes the latest and upcoming technologies and developments in automobiles. This edition has been completely updated covering the complete syllabi of most Indian

Universities with the aim to be useful for both the students and faculty members. The textbook will also be a valuable source of information and reference for vocational courses, competitive exams, interviews and working professionals.

**Mathematics for Machine Learning** - Marc Peter Deisenroth  
2020-04-23

The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

**Computer Aided Engineering Drawing (As Per The Latest BIS Standards Sp: 46-2003) , Third Edition** - S. Trymbaka Murthy  
2006-01-01

In Computer Aided Engineering Drawing, the author draws upon his vast experience of teaching and presents a student friendly step-by-step demonstrative approach, similar to that of classroom teaching. Key Features: \* Use of updated B.I.S. conventions. \* Incorporates standard assumptions in case of incomplete data by framing special problems. \* Introduces various softwares for computer-aided engineering drawings. \* Includes solved problems using different methods. \* A concise summary at the end of each chapter for quick revision. \* Includes solutions to

difficult problems using 3-D diagrams. \* Examination problems of VTU and other universities have been included in the exercise section for practice. Hints have been given to solve the problems where necessary. \* The complete book has been written with classroom teaching approach.

**Fluid Mechanics** - Anup Goel 2021-01-01

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

**Software Engineering: Introduction; 2. Socio-technical systems; 3. Critical systems; 4. Software processes; 5. Project management; 6. Software requirements; 7. Requirements engineering processes; 8. System models; 9. Critical systems specification; 10. Formal specification; 11. Architectural Design; 12. Distributed Systems Architectures; 13. Application Architectures; 14. Object-oriented Design; 15. Real-Time Software Design; 16. User Interface Design; 17. Rapid Software Development; 18. Software Reuse; 19. Component-based Software Engineering; 20. Critical Systems Development; 21. Software Evolution; 22. Verification and Validation; 23. Software Testing; 24. Critical Systems Validation; 25. Managing People; 26. Software Cost Estimation; 27. Quality Management; 28. Process Improvement; 29. Configuration Management** - Ian Sommerville 2004

**Computer Integrated Manufacturing** - M.S. Ganesha Prasad 2007

**Introduction to Python Programming** - Gowrishankar S 2018-12-07

Introduction to Python Programming is written for students who are beginners in the field of computer programming. This book presents an intuitive approach to the concepts of Python Programming for students. This book differs from traditional texts not only in its philosophy but also in its overall focus, level of activities, development of topics, and attention to programming details. The contents of the book are chosen with utmost care after analyzing the syllabus for Python course prescribed by various top universities in USA, Europe, and Asia. Since the prerequisite know-how varies significantly from student to student, the book's overall overture addresses the challenges of teaching and learning of students which is fine-tuned by the authors' experience with large sections of students. This book uses natural language expressions instead of the traditional shortened words of the programming world. This book has been written with the goal to provide students with a textbook that can be easily understood and to make a connection between what students are learning and how they may apply that knowledge. Features of this book This book does not assume any previous programming experience, although of course, any exposure to other programming languages is useful This book introduces all of the key concepts of Python programming language with helpful illustrations Programming examples are presented in a clear and consistent manner Each line of code is numbered and explained in detail Use of f-strings throughout the book Hundreds of real-world examples are included and they come from fields such as entertainment, sports, music and environmental studies Students can periodically check their progress with in-chapter quizzes that appear in all chapters

Elements of MECHANICAL ENGINEERING - V. K. MANGLIK 2013-04-08

This book provides a comprehensive and wide-ranging introduction to the fundamental principles of mechanical engineering in a distinct and clear manner. The book is intended for a core introductory course in the area of foundations and applications of mechanical engineering,

prescribed for the first-year students of all disciplines of engineering. The book develops an intuitive understanding of the basic principles of thermodynamics as well as of the principles governing the conversion of heat into energy. Numerous illustrative examples are provided to fortify these concepts throughout. The book gives the students a feel for how thermodynamics is applied in engineering practice in the areas of heat engines, steam boilers, internal combustion engines, refrigeration and air conditioning, and to devices such as turbines, pumps and compressors. The book also provides a basic understanding of mechanical design, illustrating the principles through a discussion of devices designed for the transmission of motion and power such as couplings, clutches and brakes. No book on basic mechanical engineering is complete without an introduction to materials science. The text covers the treatment of the common engineering materials, highlighting their properties and applications. Finally, the role of lubrication and lubricants in reducing the wear and tear of parts in mechanical systems, is lucidly explained in the concluding chapter. The text features several fully worked-out examples, a fairly large number of numerical problems with answers, end-of-chapter review questions and multiple choice questions, which all enhance the value of the text to the students. Besides the students studying for an engineering degree, this book is also suitable for study by the students of AMIE and the students of diploma level courses.

*BASIC ELECTRIC ENGG - VTU 2010 - KULSHRESHTHA*

This book offers a solid foundation in the fundamental concepts of electrical engineering. Using a balanced coverage of both theory and applications, aptly supported by practical illustrations, this book offers an unparalleled exposure to the subject. The simple language and the exhaustive pedagogy make it easy for the students to grasp and retain the concepts.

*Textbook of Elements of Mechanical Engineering* - S. Trymbaka Murthy 2010

This book is essential reading for the students of Mechanical Engineering. It is a rich blend of theoretical concepts and neat

illustrations with footnotes and a list of formulae for ready reference  
Key Features: " Step-by-Step approach to help students

**ENGINEERING PHYSICS-I (BASIC PHYSICS)** - M. S. Pawar 2019-08

This book aims at providing a complete coverage of the needs of First Year students as per S.B.T.E's. revised syllabus. The entire revised syllabus has been covered keeping in view the non-availability of the complete subject matter through a single source. The difficult articles have been explained in a simple language providing, wherever necessary, neat and well explained diagrams so that even an average student may be able to follow it independently. A sufficient number of solved examples and problems with answers and SBTE questions are given at the end of each topic. Formulae specifying symbol meaning are enlisted before solving the examples.

**Basic Electronics** - 2013

*Computer Aided Engineering Drawing* - M.H. Annaiah

ELEMENTS OF CIVIL ENGINEERING - 4TH EDITION - S S Bhavikatti  
2005-01-01

*MECHATRONICS & MICROPROCESSORS: AS PER REVISED VTU SYLLABUS* - G.K. Vijayaraghavan K.P. Ramachandran, M.S. Balasundaram 2009-05-01

Special Features: This textbook is useful for the undergraduate students embarking introductory course in Mechatronics and Microprocessors and covers the revised syllabus prescribed by Visvesvaraya Technological University (VTU), Karnataka, India with effect from 2008 for third year Mechanical, Mechatronics and Automobile Engineering students.1. Updated coverage on microprocessors and programming as represented by the Syllabus Map.2. Working and applications provided for various components.3. Wide variety of solved problems with step-by-step solutions.4. Concepts well illustrated by labeled circuit diagrams.5. Related examples and microprocessors programs.6. Excellent pedagogy that includes:· 360+ illustrations and line diagrams.· 60+ solved

examples.· 260+ review questions.· 160+ objective-type questions.· 30+ chapter-end problems.· 50+ explanatory examples.· Model question papers. About The Book: This textbook is useful for the undergraduate students embarking on an introductory course in Mechatronics and Microprocessors. The text focuses and is written for engineering students, and for those who would like to understand the principles of mechatronic systems and microprocessors.However, it is designed to meet with the requirements for mechanical, manufacturing and automobile engineering programmes prescribed by the Visvesvaraya Technological University (VTU), Karnataka, in India. It covers the revised syllabus prescribed by VTU Karnataka, with effect from 2008 for third year Mechanical, Mechatronics and Automobile Engineering students.· Updated coverage on microprocessors and programming as represented by the Syllabus Map.· Working and applications provided for various components.· Wide variety of solved problems with step-by-step solutions.· Concepts well illustrated by labeled circuit diagrams.· Related examples and microprocessors programs.· Excellent pedagogy that includes:" 360+ illustrations and line diagrams." 60+ solved examples." 260+ review questions." 160+ objective-type questions." 30+ chapter-end problems." 50+ explanatory examples.· Model question papers.

**Elements of Civil Engineering and Engineering Mechanics** - Prakash M. N. Shesha 2011

**A Textbook Of Engineering Physics (As Per Vtu Syllabus)** - S.O. Pillai 2014-08

**Voyage Through the Universe** - Time-Life Books 1990-06-01

**Internal Combustion Engines** - R. K. Singal 2009

**Basic Mechanical Engineering** - Pravin Kumar  
Basic Mechanical Engineering covers a wide range of topics and engineering concepts that are required to be learnt as in any undergraduate engineering course. Divided into three parts, this book

lays emphasis on explaining the logic and physics of critical problems to develop analytical skills in students.

**Kinematics of Machinery** - Anup Goel 2021-01-01

Kinematics of Machinery is the branch of engineering science which deals with the study of relative motion between the various parts of a machine and the forces which act on them. It gives information about the basic concepts and layout of linkages in the assembly of a system or a machine. The subject provides information about the principles in analysing the assembly with respect to the displacement, velocity and acceleration at any point in a link of a mechanism. This book gives technique to find velocity and acceleration of different mechanisms by graphical and analytical methods. It also includes the basic concepts of toothed gearing and kinematics of gear trains and the effect of friction in motion transmission and in machine components. My hope is that this book, through its careful explanations of concepts, practical examples and figures bridges the gap between knowledge and proper application of that knowledge.

**Communication Skills, Second Edition** - Sanjay Kumar 2015-07-30

The book is divided into six sections covering all the aspects of the subject, including basics of communication, English language, listening, speaking, reading, and writing skills. Furthermore, topics such as role of creative and critical thinking for effective communication, inter-cultural communication, developing extempore and story-telling skills, and writing and giving instructions have been included in this revised edition. Due to its exhaustive coverage and practical approach, this textbook is suitable for both students and professionals.

**Electronic Circuits** - Mike Tooley 2019-11-08

Electronics explained in one volume, using both theoretical and practical applications. Mike Tooley provides all the information required to get to grips with the fundamentals of electronics, detailing the underpinning knowledge necessary to appreciate the operation of a wide range of electronic circuits, including amplifiers, logic circuits, power supplies and oscillators. The 5th edition includes an additional chapter showing how a wide range of useful electronic applications can be developed in

conjunction with the increasingly popular Arduino microcontroller, as well as a new section on batteries for use in electronic equipment and some additional/updated student assignments. The book's content is matched to the latest pre-degree level courses (from Level 2 up to, and including, Foundation Degree and HND), making this an invaluable reference text for all study levels, and its broad coverage is combined with practical case studies based in real-world engineering contexts. In addition, each chapter includes a practical investigation designed to reinforce learning and provide a basis for further practical work. A companion website at <http://www.key2electronics.com> offers the reader a set of spreadsheet design tools that can be used to simplify circuit calculations, as well as circuit models and templates that will enable virtual simulation of circuits in the book. These are accompanied by online self-test multiple choice questions for each chapter with automatic marking, to enable students to continually monitor their own progress and understanding. A bank of online questions for lecturers to set as assignments is also available.

**Basic Electrical Engineering** - C. L. Wadhwa 2007-01-01

*TEXTBOOK OF FINITE ELEMENT ANALYSIS* - P. SESHU 2003-01-01

Designed for a one-semester course in Finite Element Method, this compact and well-organized text presents FEM as a tool to find approximate solutions to differential equations. This provides the student a better perspective on the technique and its wide range of applications. This approach reflects the current trend as the present-day applications range from structures to biomechanics to electromagnetics, unlike in conventional texts that view FEM primarily as an extension of matrix methods of structural analysis. After an introduction and a review of mathematical preliminaries, the book gives a detailed discussion on FEM as a technique for solving differential equations and variational formulation of FEM. This is followed by a lucid presentation of one-dimensional and two-dimensional finite elements and finite element formulation for dynamics. The book concludes with some case studies that focus on industrial problems and Appendices that include mini-

project topics based on near-real-life problems. Postgraduate/Senior undergraduate students of civil, mechanical and aeronautical engineering will find this text extremely useful; it will also appeal to the practising engineers and the teaching community.

**Fundamentals of Wireless Communication** - David Tse 2005-05-26

This textbook takes a unified view of the fundamentals of wireless communication and explains cutting-edge concepts in a simple and intuitive way. An abundant supply of exercises make it ideal for graduate courses in electrical and computer engineering and it will also be of great interest to practising engineers.

**Engineering Chemistry** - R. V. Gadag 2010-09-30

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.

**Textbook Of Control Systems Engineering (Vtu)** - I. J. Nagrath 2008

Engineering Mathematics-II - A. Ganeshi 2009

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.