

Vishwavidyalaya, Bhopal (M.P.) and all Engineering Colleges affiliated to Ravi Shankar University, Raipur(Chattisgarh)
Basic Engineering Mathematics Volume

This book discusses reliability applications for power systems, renewable energy and smart grids and highlights trends in reliable communication, fault-tolerant systems, VLSI system design and embedded systems. Further, it includes chapters on software reliability and other computer engineering and software management-related disciplines, and also examines areas such as big data analytics and ubiquitous computing. Outlining novel, innovative concepts in applied areas of reliability in electrical, electronics and computer engineering disciplines, it is a valuable resource for researchers and practitioners of reliability theory in circuit-based engineering domains.

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Water And Its Industrial Applications | Fuels And Combustion | Lubricants | Cement And Refractories| Polymers | Instrumental Techniques In Chemical Analysis | Water Analysis Techniques | Question Bank

Market_Desc: Primary Market- Undergraduate I Year Engineering student of RGPV, Bhopal (More than 1 lac intake)Course: Basic Computer EngineeringCourse Code: B.E. - 205Secondary Market- Undergraduate first year students of various universities, such as- UPTU

(ECS-101/ECS-201 : Computer Concepts and Programming in C)- UTU (Fundamentals of Computer & Programming)- PTU (CS-101 Fundamentals of Computer Programming and Information Technology)- RTU (Computer Systems and Programming [104])- GTU (Computer Programming and Utilization)- Anna (GE2112 Fundamentals of Computing and Programming)- JNTU (C Programming and Data Structures)-

BPUT (BCSE 3101 PROGRAMMING IN C)- VTU (10CCP13/10CCP23 Computer Concepts and C Programming)- CSVTU (300224 Introduction to Computing) Special Features: · Completely covers the syllabus as a textbook for B.E. first year course Basic Computer Engineering , RGPV (Bhopal) and similar courses in other universities.· Single-handedly caters to the requirements of several engineering disciplines that have this course in their curriculum.· Explains programming in C++ in detail.· Covers operating systems such as Windows, DOS and UNIX; database management systems; data structures; algorithms and C++, without entering into the specifics of programming languages and complex technologies.· Makes liberal use of screenshots to show how the screen would look like after processing the command.· Has increased utility owing to the presence of a large number of examples and illustrations.· Covers programming assignments and experimental portions under specific chapters to take into account the practical nature of the course.· Contains appendices that introduce readers to emerging areas of research such as neural networks and fuzzy logic.· Provides model question papers for practicing questions based on the examination pattern.· Excellent pedagogy having:ü 160+ Figuresü 70+ Tablesü 40+ Programs with outputü 70+ Syntaxes and explanatory examplesü 220+ Objective questionsü 170+ Review questionsü 50+ Programming assignments. About The Book: This book helps in familiarizing students with the basic organization of the computer, and then moving on to study of the operating systems such as Windows, DOS and UNIX; database management systems; data structures; algorithms and C++, without entering into the specifics of programming languages and complex technologies. It provides an insight into the basics of computers as delineated by the syllabi of RGPV and various reputed Indian universities. This book is suitable for self-study because of clear explanation of the topics, uniformity in

