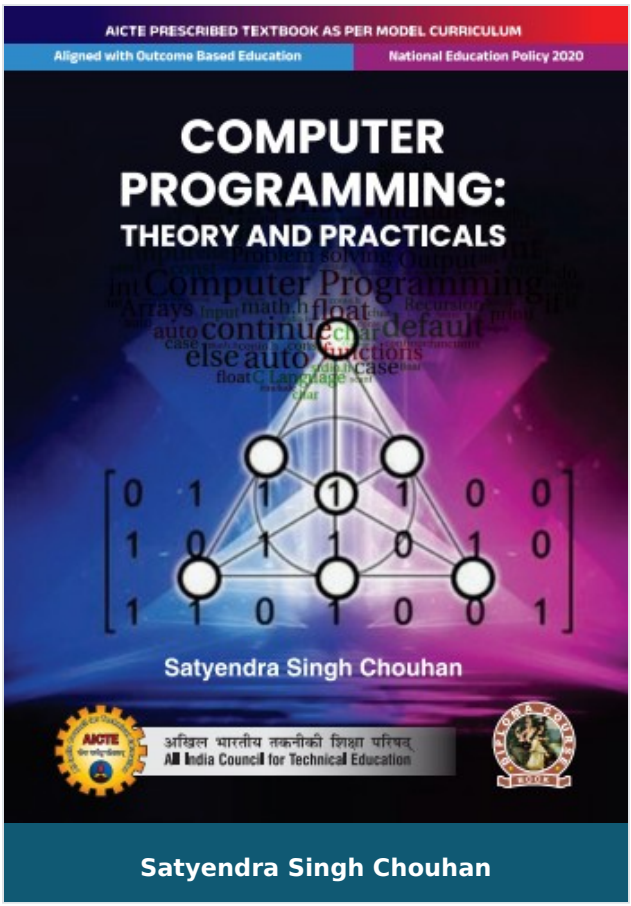

Computer Programming: Theory and Practicals

Author :	Satyendra Singh Chouhan
ISBN 13 :	978-93-55382-67-2
ISBN 10 :	9355382677
E-ISBN 13 :	978-93-55382-67-2
Edition :	First
Pages :	188
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Computer Programming: Theory and Practicals

This book is written to provide fundamental knowledge of problem-solving using c programming language for beginners. It employs real-life examples for better understanding. It covers topics such as the foundation of c programming, input-output in c, control statements, Arrays and functions, and recursion & recursive solutions. This book is an amalgamation of theoretical understanding and practical applications.

This book includes visuals and step-by-step solutions for explaining the key concepts. This book is aimed at diploma and undergraduate engineering students to enhance their problem-solving skills.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a ‘know more’ section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.

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- Solved and unsolved problems including numerical examples are solved with systematic steps.

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Dr. Satyendra Singh Chouhan Assistant Professor, Department of Computer Science and Engineering

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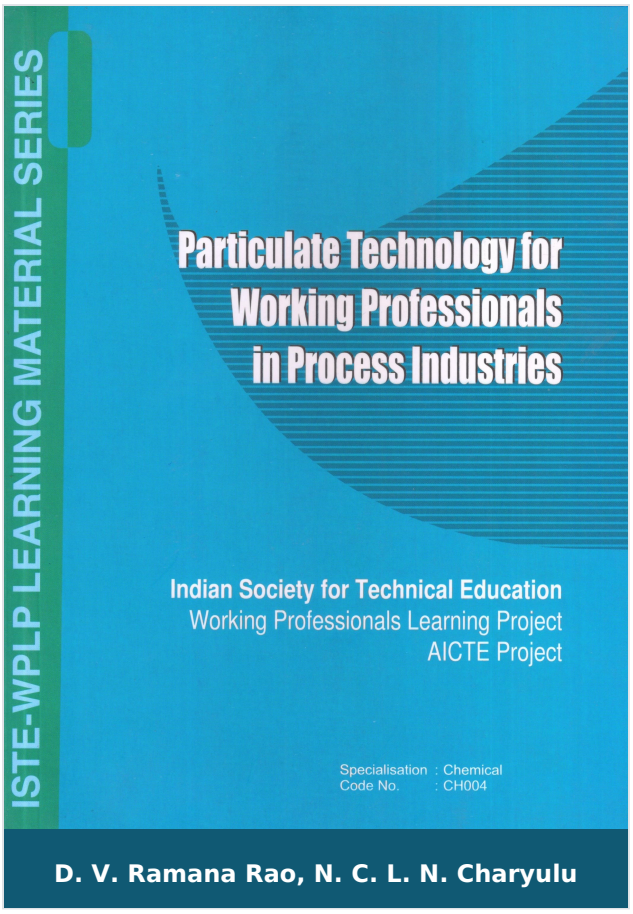

Particulate Technology for Working Professionals in Process Industries

Author :	D. V. Ramana Rao, N. C. L. N. Charyulu
ISBN 13 :	978-93-55386-75-5
ISBN 10 :	9355386753
E-ISBN 13 :	978-93-55386-75-5
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Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	Chemical Engineering, Book Store, ISTE Series
Condition Type :	New
Country Origin :	India

Product Description

Particulate Technology, a study of particulate materials, their properties and behavior in processes, is of increasing importance in process industries. Particulates are frequently encountered in modern technology that it is difficult to name an area of industrial activity where such materials do not play a significant part.

The term " particulates" is used to include small pieces of solid material ordinarily called "particles", small masses of liquids usually termed "drop" and isolated quantities of gas surrounded by a continuous phase normally termed "bubbles".

Research in the field of particulates is being carried out in several disciplines-Chemical, mechanical, mining and metallurgical engineering, food and pharmaceutical technology, agriculture, medicine, air pollution etc. There is much in common between these various disciplines in regard to particulate problems.

In recent years, however, there is growing awareness in all the process industries and among research, design and development workers in chemical engineering, and other process industries, as our present knowledge of particulate systems is extremely meager and several workers have taken keen interest in the problems of Particulate Technology.

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D. V. Ramana Rao

Dr. D. V. Ramana Rao received his B.Sc. (Hons.) and M.Sc. in Chemical Technology from Andhra University and Ph.D. in Chemical Engineering from Indian Institute of Technology, Madras in 1970. He worked as a Research Associate, as part of post doctoral work at DECHEMA-Institute, Frankfurt, Germany in the field of corrosion for two years. Before joining Ph.D. , he worked in Andhra University, I.I.T. , Kanpur, and in the Chemical Engineering Department of National Sugar Institute as a lecturer. After returning from

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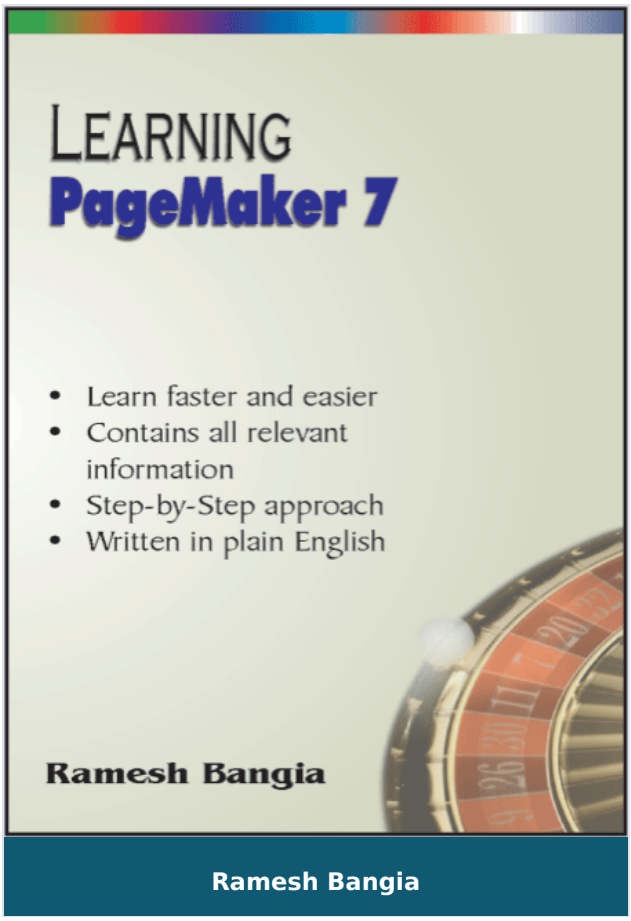
Germany, he joined as a Scientist at senior level in National Council for Cement and Building Materials (NCB), [formerly known as Cement Research Institute of India], New Delhi and retired as Joint Director, after working for 26 years. After retiring from NCB, he worked as Professor & Head of Chemical Engineering Department of BVRIT, Hyderabad and IS Sadan College of Engg. and Technology, Hyderabad (present Boji Reddy College of Engineering) nearly for 2 years. At present he is the Managing partner fo Institute of Particulate Technology International (IPTI) from June 2004, which carries sponsored research work, training programmes for working personnel in Industry and Consultancy. He has authored 21 research papers, published in international, national journals and international seminars. He has to his credit 2 patents. He has prepared 15 and technical reports of R&D work and coordinated more than 30 training programmes and 4 workshops to working personnel in cement manufacturing industries. At present as a managing partner of IPTI, he has carried out 7 sponsored projects and two training programmes to working personnel in cement and pharmaceutical Industry.

N. C. L. N. Charyulu

N. C. L. N. CHARYULU obtaining B. Tech. (Chem. Engg.) from Andhra University in 1963, M. Tech. (Chem. Engg.) with specialization in Chemical Plant Design, from I.I.T., Kharagpur, in 1967 (Technical Teacher Trainee) and Ph.D. (Chem. Engg.) from I.I.Sc., in 1977. Joined Karnataka Regional Engineering College, KREC Surathkal (presently renamed as National Institute of Technology Surathkal) as lecturer in 1967. Served in different caplacities as Asst. Prof. Professor, Head of Chemical Engineering Department and Dean Students Affairs. Taken voluntary retirement in March, 2001 and joined Chaitanya Bharati Institute of Technology (CBIT). Served as Prof. and Head Chem. Engg. Dept. CBIT till May, 2010. Total teaching experience of 46 Y (1964-2010). He was awarded National Biotechnology Associate for One Year (1988-1989) during which he was a visiting professor at Fermentation Technology and Bioengineering C.F.T.R.I., Mysore, in the Biotechnology associate ship programme. May-Nov 1990, he spent 3 months at NCSU,

Raleigh, N.C., USA, another 3 moths at U.M.C., U.S.A. and Indian Secondment Visiting Professorship for one semester 1996-97 at School of Environment Resource Development, Asian Institute of Technology, Bangkok, Thailand. He has Coordinated two I.S.T.E. sponsored Winter/Summer School a) Fludization Engineering 1980;b) Bioconversion process optimization computer modeling -1989 and two refresher courses to working professionals a) Application of Chem. Eng. principle to Urea plant operator of MCF, Panambur, 1993 and b) Unit operations for design, production and maintenance personnel in cement and mineral based industries, October 20-25,2008. He guided four theses for Ph.D. a) Biosynthesis for Cellulase enzyme and Modeling, 1994. b(Bioremediation of industrial and domestic effluents by microorganisms1990c) Studies on biodegradation of high BOD effluent by anaerobic digestion and modeling 2001.d) Study of Coagulation/flocculation Process by polyelectrolytes for effective solid- liquid separation in water and wastewater treatment 2005. In addition he has guided over 20 M.Tech. theses. His areas of specialization are Chemical plant design, chemical reaction engineering, Enzyme synthesis, Biomediation, Biosynthesis and Bioconversion; Simulation & Computer Modeling, Application of Science and Technology to Rural areas for utilization of Agro waste Environmental Impact Assessment; Environment Management Planning. He published about 15 technical papers in International and national journals and seminars/symposia. He delivered number of invited lectures. He was a Chairman and / or member of several academic bodies of different Universities-Mysore, Banglore, Manglore, Osamnia, Kuvempu etc.



Ramesh Bangia

Learning PageMaker 7

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-95-9
ISBN 10 :	818752295X
E-ISBN 13 :	978-81-87522-95-9
Edition :	First
Pages :	256
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Book Store, Learning Series, BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

Product Description

Learning of a software is both easy and difficult. It depends up to what level you planning to learn. If you are learning only for the working use, then it is very easy. But, when you try to go deep into it, then you realize how difficult it is to master it. Page Maker 7.0 is such a vast subject that it will take a lot of time to understand it fully. This book has been written in mind to make you aware of the options available in the software and how they can be used. It is like telling the child about the steps and stairs. You are the one who is to climb the stair. This book will just guide you how to use the stairs.

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Author

Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are

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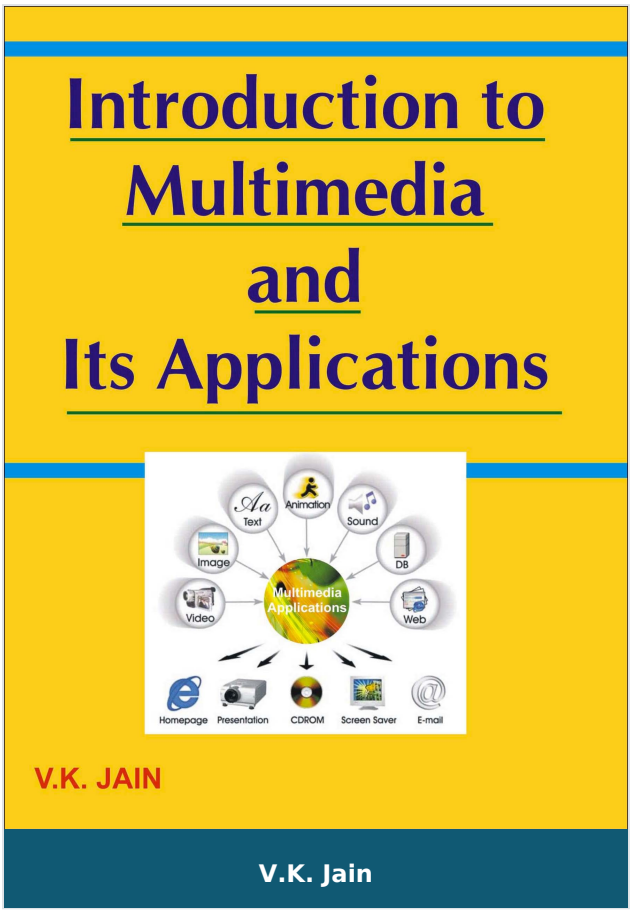
even exported to Middle Ease and African countries.



Introduction to Multimedia and its Applications

Author :	V.K. Jain
ISBN 13 :	978-93-81068-57-1
ISBN 10 :	9381068577
E-ISBN 13 :	978-93-81068-57-1
Edition :	1
Pages :	560
Type of book :	Physical
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Language :	English
Publisher :	Khanna Publishing House
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Product Description

It is down-to-earth practical guidebook for beginners in the field of multimedia, Students who read portions of this book will gain a basic understanding of basic know-how for creation of multimedia and its applications, Multimedia developers, and other professionals, will find a variety of tutorials step wise step, Equally good for students, developers, teachers and any one with a basic background in computer, Science and windows applications will find the material in this book accessible without any additional preparation.

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Author

V.K. Jain

Dr. V.K. Jain is a well known practical engineer who has authored more than 125 books on engineering, management and subjects related with computer science. He obtained degree in Electrical Engineering in 1966 from MACT (Maulana Azad College of Technology) Bhopal. He did M. Tech. in 1968 from MACT and HEL (Now Bharat Heavy Electricals) Bhopal in Design and Production of Heavy Electrical Equipments, an Industry Oriented course run under the sponsorship of UNESCO under Vikram University Ujjain in 1968. He was attached to Electronics Application Engineering Department of BHEL. He presented a thesis on ""Analysis of the performance of speed and excitation regulation System using fast acting integrator type AVR for a large Hydro-generator (15 MW). This was concerned with studying power system from the viewpoint of electronic control systems (based on Nyquist Criteria) through Analog and Digital Computer at one of the

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premier Institution of India IIT (Indian Institutue of Technology) Kanpur. He personally prepared digital computer program in FORTRAN IV as early as in year 1968 at IIT Kanpur and compiled it on IBM 7044 Main Frame Computer, The fastest Computer in India at that time. He joined CPWD as Electrical Engineer on 20.5.1968 on basis of All India Competitive Examination for Central Electrical Engineering Services (Now known as IES) through Union Public Service Commission of India and served CPWD for 35 years. After retirement he worked with M/s CP Kukreja as consultat engineer for nearly one and half years and at present working as Chief Consultant Engineer with M/s Hospitech Management Consultant Pvt. Limited WTC New Delhi and engaged in designing most modern E/M, Electronic services and IBMS in premier Medical colleges and Big Hospital systems including AIIMS at Raipur and Patna.

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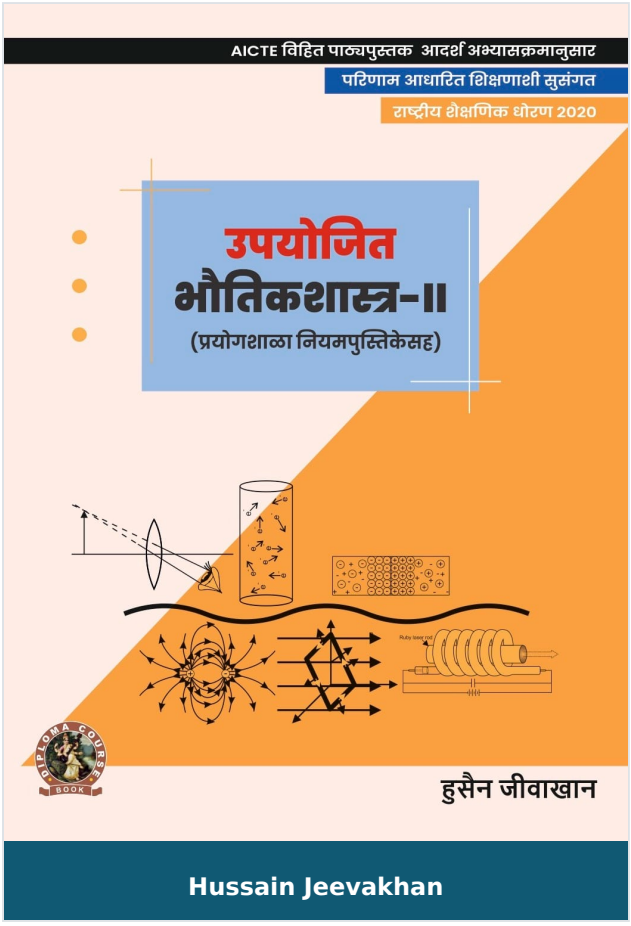

Applied Physics-II (with Lab Manual)

Author :	Hussain Jeevakhan
ISBN 13 :	978-93-55380-28-9
ISBN 10 :	9355380283
E-ISBN 13 :	978-93-55380-28-9
Edition :	First
Pages :	260
Type of book :	Physical
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Applied Physics-ll” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE).

Book covers seven topics- Wave motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning.

Some salient features of the book:

1. Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes.

2. Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit.

3. Content presented in book in chronological way.

4. Figures, tables and equations are given to improve clarity of the topics.

5. Solved examples are given with systematic steps.

6. MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “Applied Physics-ll” is a basic science course in the first year of the Diploma program in Engineering & Technology. Contents of this book are stringently aligned as per model curriculum of AICTE and incorporated with the concepts of outcomes-based education(OBE). Book covers seven topics- Wave

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motion, Optics, Electrostatics, Current electricity, Electromagnetism, semiconductor physics and Modern physics. Each topic and its subtopics are written from the perspective of a student’s learning and in accord with the NEP 2020 guidelines. Every unit comprises a set of activities and exercise at the end to assist the student’s learning. Some salient features of the book: l Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes. l Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit. l Content presented in book in chronological way. l Figures, tables and equations are given to improve clarity of the topics. l Solved examples are given with systematic steps. l MCQ’s, short and long answer questions and unsolved problems of understanding and above levels (Bloom’s Taxonomy) are given for learning reinforcement of students and as per OBE.

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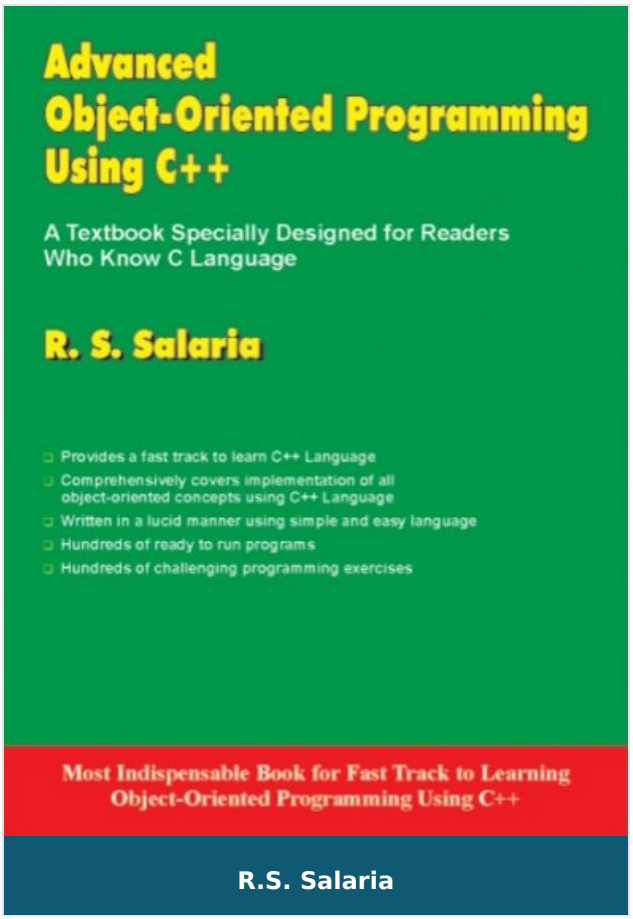

Advanced Object-Oriented Programming Using C++

Author :	R.S. Salaria
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ISBN 10 :	8190744488
E-ISBN 13 :	978-81-90744-48-5
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Language :	English
Publisher :	Khanna Publishing House
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Condition Type :	New
Country Origin :	India

Product Description

There are two groups of readers-one who have no programming experience with C Language and the other who have programming experience with C language. This book is designed for those readers who have programming experience with C language and will provide them a fast track to learn object-oriented programming using C++. There is no repetition of the topics that they already know while learning C language. Since object-oriented concepts are altogether a new addition to C language, those are thoroughly explained and demonstrated with well designed programming examples. Provides a comprehensive coverage of the subject. Demonstrates the development of programs in a good programming style. Large number of ready to run programs for reference. Large number of multiple choice questions, true/false questions and review exercises to test your knowledge about the subject learned. Large number of programming exercises to test your programming skills acquired.

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Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for

Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p

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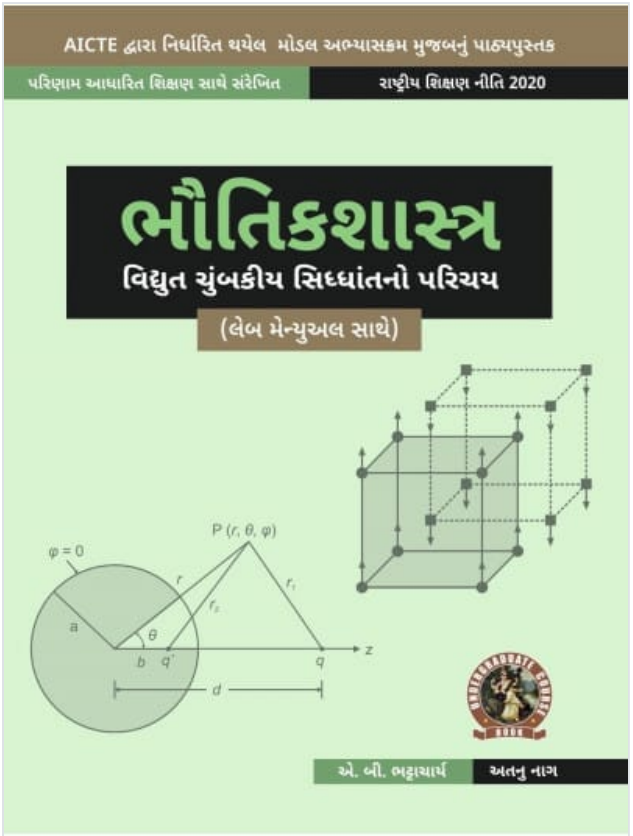

A. B. Bhattacharya, A. Nag

Physics (Introduction to Electromagnetic Theory) (with Lab Manual)

Author :	A. B. Bhattacharya, A. Nag
ISBN 13 :	978-93-55381-61-3
ISBN 10 :	9355381611
E-ISBN 13 :	978-93-55381-61-3
Edition :	First
Pages :	328
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

Engineering Physics: Introduction to Electromagnetic Theory has been written for the first year students of B. Tech Engineering Degree Courses of all Indian Universities following the guideline and syllabus as recommended by AICTE. The book, written in a very simple and lucid way, will be very much helpful to reinforce understanding of different aspects to meet the engineering student’s needs Writing a text-cum manual of this category poses several challenges providing enough content without sacrificing the essentials, highlighting the key features, presenting in a novel format and building informative assessment. This book on engineering physics will prepare students to apply the knowledge of Electromagnetic Theory to tackle 21st century and onward engineering challenges and address the related questions.

Some Salient Features of the Book:

1. Expose basic science to the engineering students to the fundamentals of physics and to enable them to get an insight of the subject.

2. To develop knowledge on critical questions, solved and supplementary problems covering all types of medium and advanced level problems in a very logical and systematic manner.

3. Some essential information for the users under the heading “know More” for clarifying some basic

4. Information as well as comprehensive synopsis of formulae for a quick revision of the basic principles.

5. Constructive manner of presentation so that an Engineering degree students can prepare to work in different sector or in national laboratories at the very forefront of technology.

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Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness hon0red him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lighting is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

A. Nag

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A. Nag Dr. Atanu Nag did his M. Sc. in 2007 and Ph. D. in 2013 from the University of Kalyani. He has published over 50 Journal papers and 5 books for Science & Engineering students. Presently he is the Head and Associate Professor in the Department of Physics, Modern Institute of Engineering & Technology, Hooghly, West Bengal.

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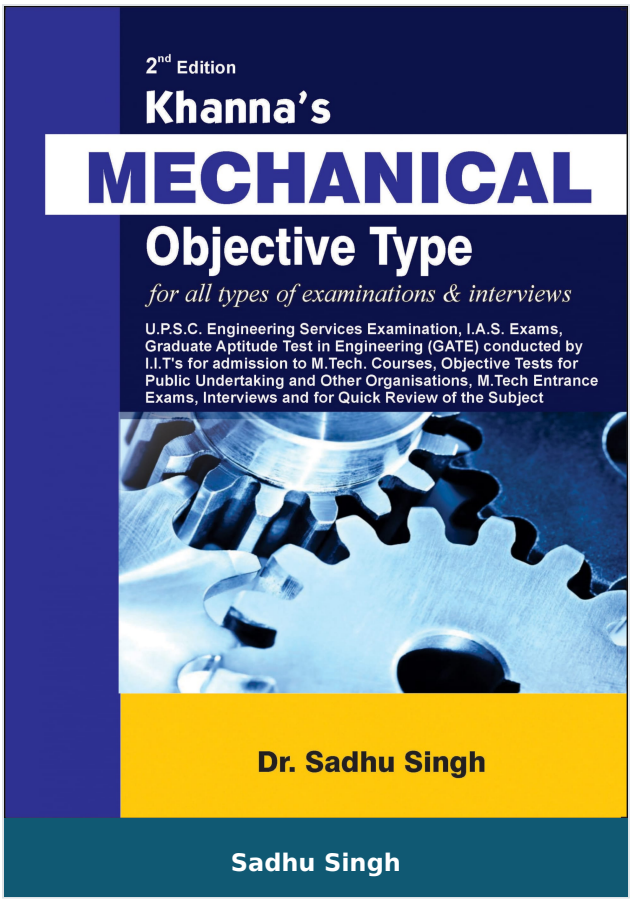

Khanna's Mechanical Objective Type

Author :	Sadhu Singh
ISBN 13 :	978-93-82609-60-5
ISBN 10 :	9382609601
E-ISBN 13 :	978-93-82609-60-5
Edition :	2
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Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	Mechanical Engineering, OBJECTIVE TYPE BOOKS, Book Store
Condition Type :	New
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Product Description

U.P.S.C. Engineering services examination, I.A.S. exams, Graduate aptitude test in engineering (GATE) conducted by I.I.T's for admission to M. Tech. courses, Objective tests for public undertaking and other organizations, M. Tech entrance exams, Interview and for quick review of the subject. An attempt has made by the author to present explanatory notes and answers to all the questions as correctly as possible for the question papers from 1992 to 2000 Topic wise and from 2001 to 2014 Year wise. This shall help aspiring candidates better to prepare for the ensuing IES examinations.

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- Operations Research

Author

Sadhu Singh

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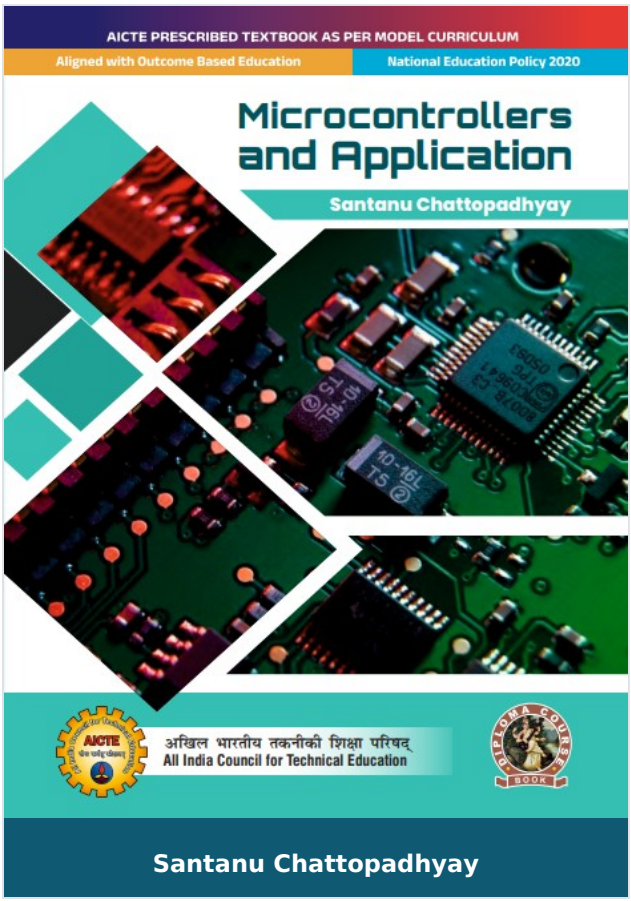

Microcontrollers and Applications

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Product Description

Microcontrollers and Applications

This book contains topics of Microcontrollers and Applications for the fourth semester students of diploma course strictly as per syllabus and model curriculum of AICTE and aligned with the theme of outcomes-based education according to National Education Policy 2020. This book comprises of fives units covering topics on fundamentals of microprocessors and microcontroller, The 8051 Architecture, instruction set and programming, I/O Interfacing and introduction to advanced Processors and Concepts.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological matter.
- Figures, tables, inserted to improve clarity of topics.
- A ‘know more’ section in each unit to extends the learning beyond syllabus.
- MCQs, short-answer type, long-answer type, numerical q\and practical questions added for the units to help in self-checking of Knowledge.
- Answers have been provided for the MCQs and numerical questions. Hints have been given for solving the practical problems.

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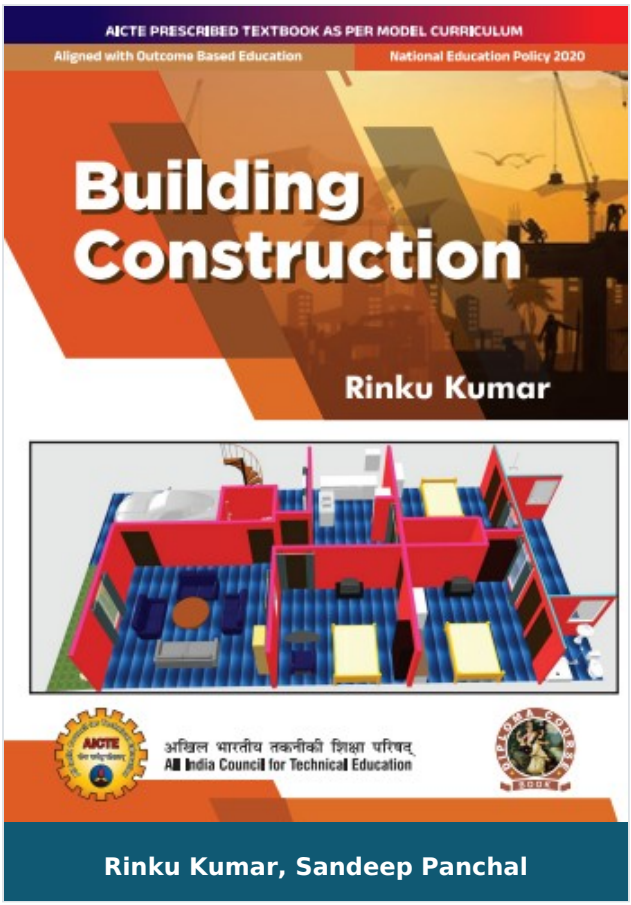

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Product Description

Building Construction

This book familiarizes the students with the basics of building construction. The main aim of this book is to provide conceptual knowledge of techniques and processes used for the construction of buildings that can be applied with the model curriculum of AICTE followed by the concept pf outcome-based education according to the National Education Policy (NEP) 2020.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- The book consists of a lot of information about the construction of the various parts of building, making it easier to understand by the students.
- The 2-d and 3-D figures are given for enhancing the understanding of the subject in the students and field engineers.
- QR codes are given in the book to access advanced information about the different topics.
- Apart from the essential information, a `know more’ section is also included that gives information the historical facts and enhances the interest of the students in the subjects.
- Short-answer, long answer and multiple-choice questions (MCQs) are given for practice at the end of each unit.

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