

Introduction to Multimedia and Its Applications



V.K. JAIN

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Introduction to Multimedia and its Applications

Author : V.K. Jain

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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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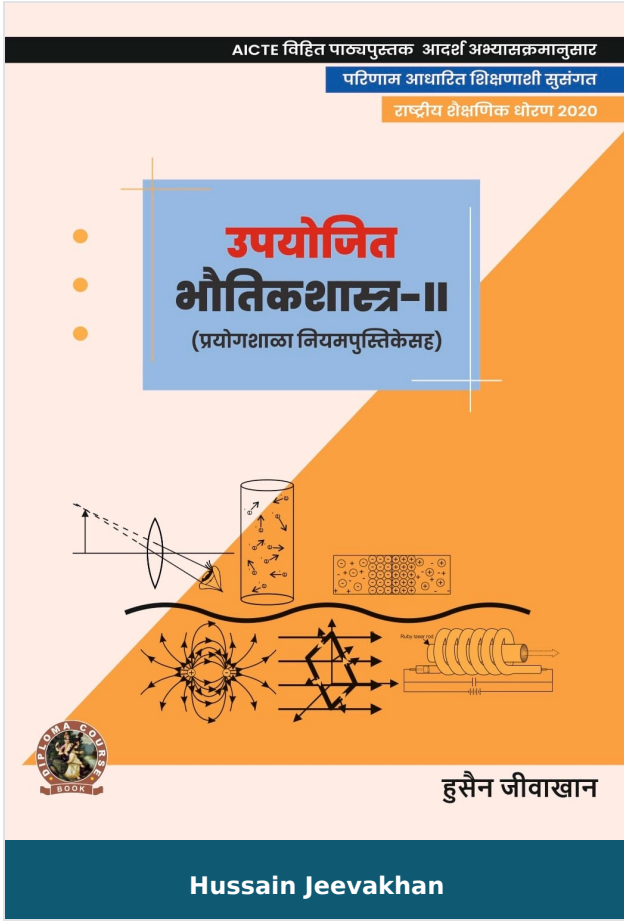
- Multimedia & Applications
- Creating HTML Documents
- Computer Fonts & Hypertext
- Audio Fundamentals & Representations
- Image Fundamentals & Graphics
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Author

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

premier Institution of India IIT (Indian Institue 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.



Applied Physics-II (with Lab Manual)

Author : Hussain Jeevakhan

ISBN 13 : 978-93-55380-28-9

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E-ISBN 13 : 978-93-55380-28-9

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Type of book : Physical

Year : 2022

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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-II” 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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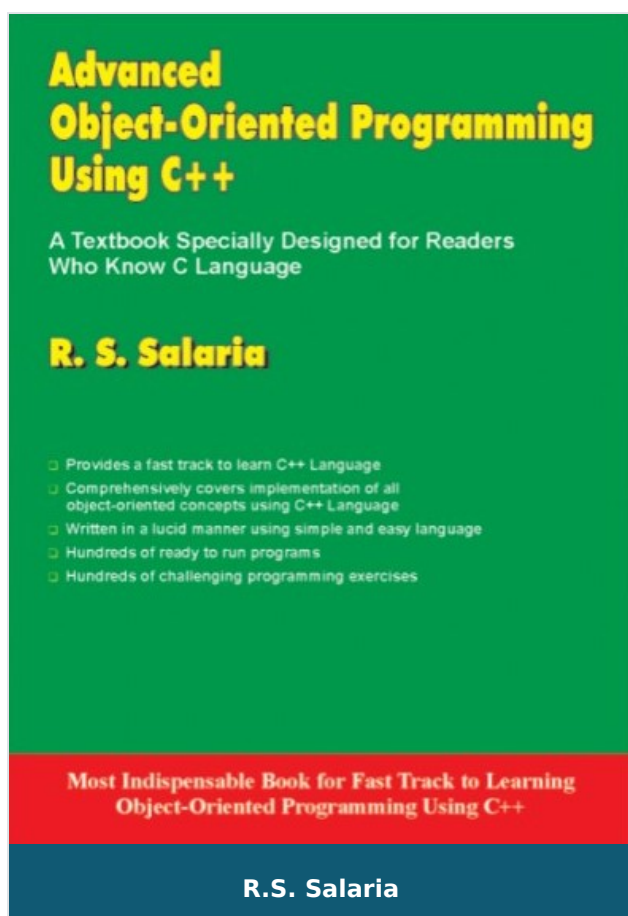
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- Guidelines for Teachers,
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- Electrostatics
- Current Electricity
- Electromagnetism
- Semiconductor physics
- Modern physics
- Index

Author

Hussain Jeevakhan

Hussain Jeevakhan-789391505578(DIP126EN) “Applied Physics-II” 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: | Unit Outcomes of each unit are mapped with Course Outcomes and Programs Outcomes. | Book Provides relevant interesting facts, QR Code for E-resources and use of ICT and suggested micro projects activities in each unit. | Content presented in book in chronological way. | Figures, tables and equations are given to improve clarity of the topics. | Solved examples are given with systematic steps. | 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.



Advanced Object-Oriented Programming Using C++

Author :	R.S. Salaria
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Publisher :	Khanna Publishing House
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Categories :	Computer Science Engineering, Book Store
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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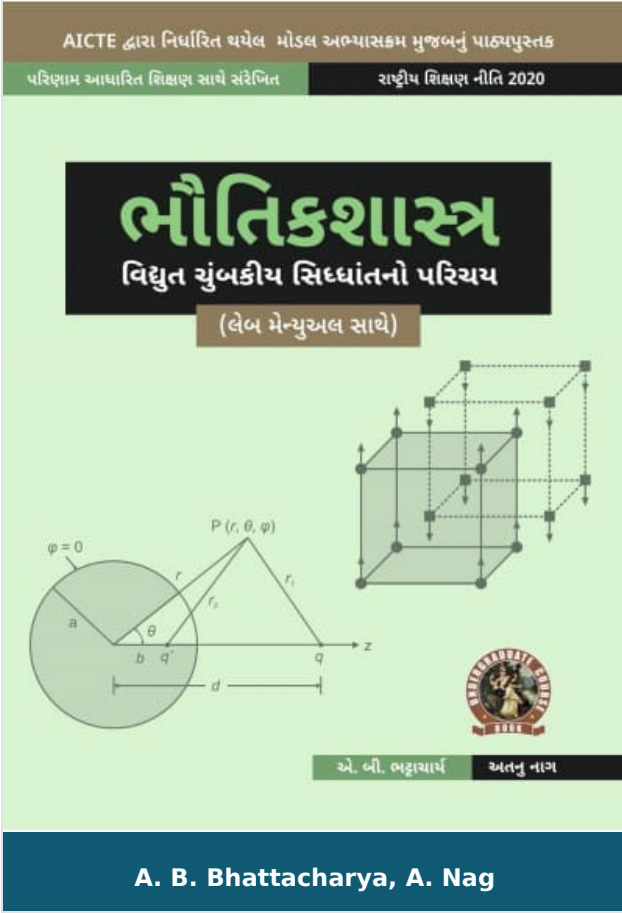
- Migrating from C to C++
- Object-Oriented Programming Concepts
- Handling Keyboard Input & Screen Output
- Classes and Objects
- Pointers and Dynamic Memory Management
- Constructors and Destructors
- Operator Overloading and Type Conversion
- Inheritance
- Virtual Functions and Polymorphism
- Exception Handling
- Templates and Generic Programming
- File Handling
- Working with Graphics Using C++
- Introduction to Standard Template Library
- Object-Oriented Implementation of Data Structures
- Object-Oriented Implementation of Sorting and Searching Algorithms.

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>



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

Author : A. B. Bhattacharya, A. Nag

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ISBN 10 : 9355381611

E-ISBN 13 : 978-93-55381-61-3

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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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- Magnetostatics
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- Maxwell's Equations
- Electromagnetic Waves
- Table of Physical Constants
- Appendices
- Annexures
- References for Further learning
- CO and PO attainment Table
- Index

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 honored 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

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.



Khanna's Mechanical Objective Type

Author :	Sadhu Singh
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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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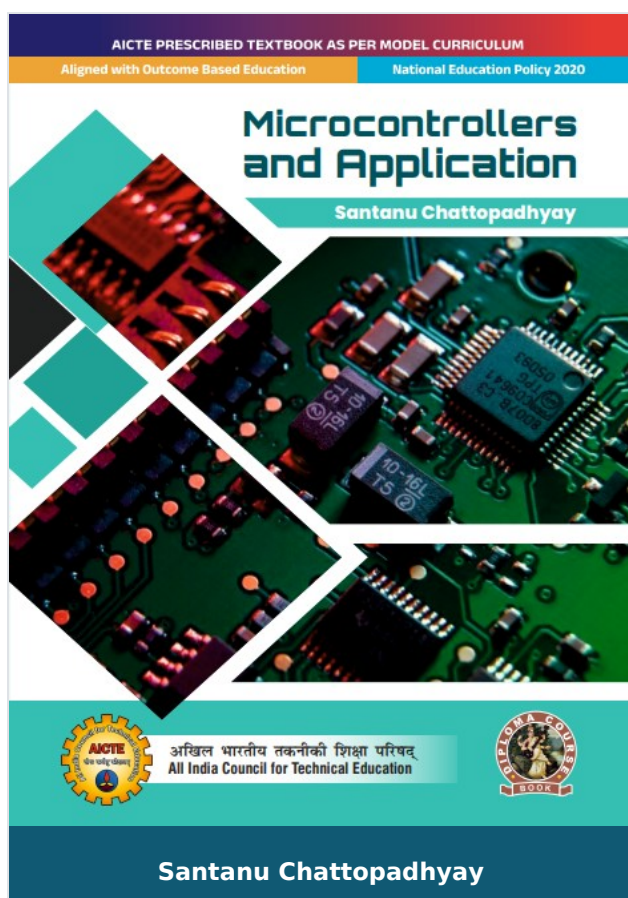
- Thermodynamics
- Internal Combustion Engines
- Heat and Mass Transfer
- Refrigeration and Air-Conditioning
- Fluid Mechanics
- Fluid Machinery
- Power Plant Technology
- Turbomachinery
- Engineering Mechanics
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- Metal Forming
- Metal Casting
- Fabrications Process
- Metal Cutting
- Tool Engineering
- Metrology and Inspection
- Work Study
- Inventory Control
- Production Planning and Control

- Operations Research

Author

Sadhu Singh

Dr. Sadhu Singh is a retired professor of Mechanical Engineering of Govind Ballabh Pant university of Agriculture & Technology, Pantnagar. He graduated in Mechanical Engineering with Hons, from Punjab University, Chandigarh, M.Sc. (Mechanical Design & Production Engineering) and Ph.D. from Kurukshetra University, Kurukshetra. His teaching experience spans 15 years at Regional Engineering College (now NIT), Kurukshetra and 19 years at Pantnagar University. He has been Professor & Head, Mechanical Engineering Department and Dean, Faculty of Engineering & Technology at Pantnagar. He has been Director (Colleges). Punjab Technical University, Jalandhar.



Microcontrollers and Applications

Author : Santanu Chattopadhyay

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M.R.P : Rs 418.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

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 five 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 extend the learning beyond syllabus.
- MCQs, short-answer type, long-answer type, numerical 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.

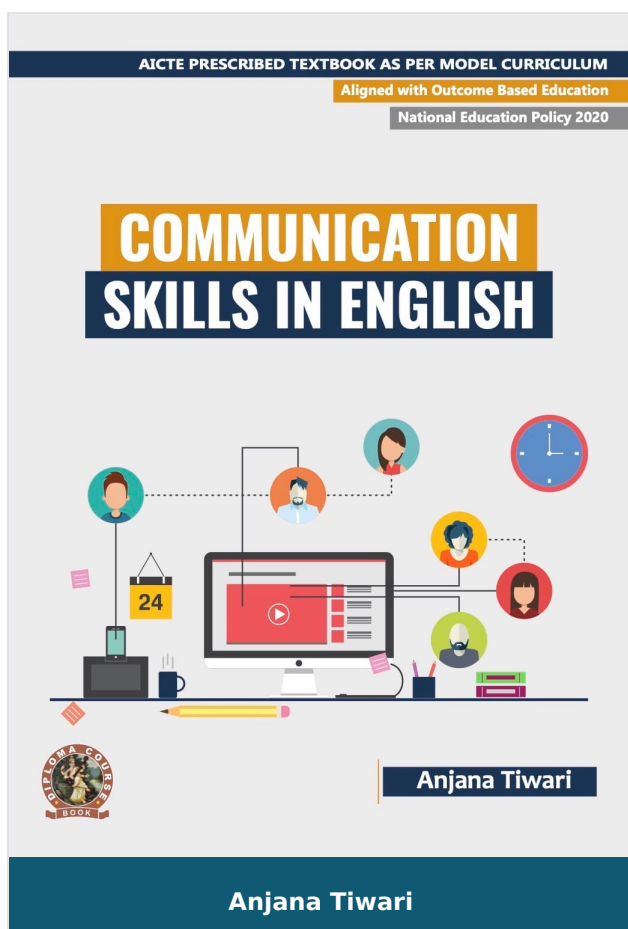
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- The 8051 Architecture
- Instruction set and programming
- I/O interfacing
- Introduction to advanced processors and concepts
- CO and PO Attainment Table
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Author

Santanu Chattopadhyay

Prof. Santanu Chattopadhyay Professor, Dept. of Electronics and Electrical
Communication Engineering IIT Kharagpur, West Bengal



Communication Skills in English

Author :	Anjana Tiwari
ISBN 13 :	978-93-91505-49-3
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E-ISBN 13 :	978-93-91505-49-3
Edition :	First
Pages :	212
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Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
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Condition Type :	New
Country Origin :	India

Product Description

“Communication Skills in English” is a basic book that can provide a foundation for further study in the field of English language, literature, grammar and its usage. It will benefit students who are learning the essentials at the Diploma level and those who wish to review the concepts previously learned. The premise of this book is to understand English language and its practice thus enabling us to use it more effectively. This skill can enhance personal communication, college/university work finally percolating down to professional lives. Therefore, the present book will be useful for advanced level students who face difficulty with grammar and need a book for reference and practice. In writing this book, I have drawn on many years of my expertise in teaching, research, and writing. I have taught the English language in a range of institutions and to multiple age groups at different levels: at a college of further education, and universities. Therefore, this book in front of you is a systematic account of grammatical forms and the way they are used in standard British English today. The emphasis is on the meanings and how they govern the choice of grammatical patterns. The book is thorough in its coverage but also pays attention to the points that are of importance to the intermediate and advanced learners of English, and to their teachers. It would be equally suitable for quick reference to details and the more leisureed study of grammar topics.

A useful feature of the book is the inclusion of example text and conversations, many of them authentic, to show how grammar is used in connected writing and speech. Study the rules, review the examples, and look for more examples of good writing in newspapers, magazines, and other available sources on the internet. Complete the exercises to practice what you have learned, but also remember to apply the rules whenever you speak and write. There are writing test exercises for assessing the reader's progress. Although every effort has been made to make the book as useful and accurate as possible but if students or teachers have any comments, criticisms, or suggestions I

would be very pleased to hear from them. The more you use what's written in this book, the better you would be able to apply it in real life. In the end, you will be a better and more effective speaker and writer. You're on your way—good luck!

Some salient features of the book:

1. This book is designed to help the reader's master the basics of English grammar that they need to succeed in their studies. Best of all, when students understand the underpinnings of English language, learning will be fun – as it should be. This book has multiple purposes. It is primarily designed as a course book for Diploma students, but b it has also been adapted to the needs of the teachers who are interested in exploring a new approach to grammar, communication skills, and English literature, or of any person keen to catch up with a subject so wretchedly neglected by our education system. That is why a part of this book is devoted to the correction of preconceptions.
2. This book has been arranged into five units for a total of five chapters.
3. Each chapter ends with a series of review exercises. These help you reinforce what you have learned during the courses of a particular chapter. The exercise include tests like MCQs or multiple-choice questions, true-false, and completion of sentences.

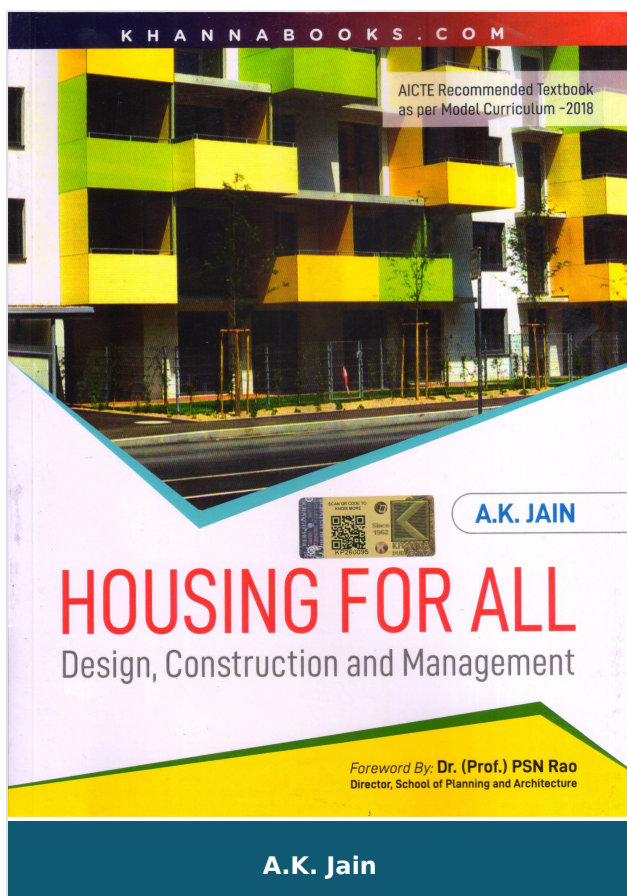
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- Unit-3 Reading Comprehension
- Unit-4 Professional Writing
- Unit-5 Vocabulary and Grammar

Author

Anjana Tiwari

Anjana Tiwari



Housing for All

Author : A.K. Jain

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ISBN 10 : 9386173565

E-ISBN 13 : 978-93-86173-56-0

Edition : First

Pages : 396

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Year : 2024

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 650.00

Categories : [Architecture Engineering,](#)
[UNIVERSITY RECOMMENDED,](#)
[Book Store](#)

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Country Origin : India

Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

This book titled “Housing for All: Design, Construction and Management” by A.K. Jain is a comprehensive assessment of the housing situation in India which not only traces the path taken by (governments so far but also outlines a roadmap for the future. The book begins with an overview of the housing scenario in India. It discusses various housing program and draws a distinction between affordable housing and adequate housing. The book also draws particular attention to housing issues of special groups such as the elderly, disabled, homeless, migrant and transit workers, students and single women. There is also a discussion on the issue of social and physical infrastructure. The book notes that housing units alone do not constitute housing but infrastructure plays a critical role in the occupancy of housing. The question of reducing the cost of housing has been vexatious for long. Jain deals with this issue in detail and suggests various low-cost technologies and house building systems for making housing more affordable. Another issue is that of rental housing. Jain suggests that giving a boost to rental housing through a slew of measures can go a long way in making housing more accessible and bring vacant housing into the market.

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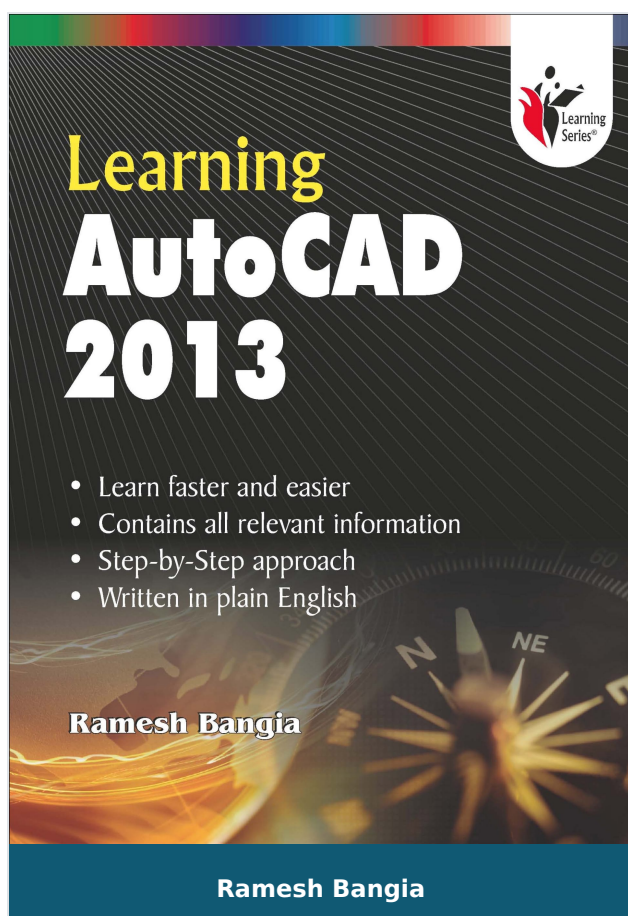
- An Overview of India's Housing Scenario
- Housing Programmes
- Affordable and Adequate Housing;
- Housing Design;
- Rural Housing
- Slum Rehabilitation and Community Development
- Housing Renewal and Redevelopment
- Shelter for Elderly, Disabled, Homeless, Migrants, Women and Students;
- Housing Amenities, Facilities and Services;
- Building Resources and Technology;
- Building and Housing Systems;
- Rental Housing
- Land for Housing;
- Housing Finance
- Housing Management Strategies;
- Regulatory Reforms for Housing;
- Bibliography

Author

A.K. Jain

A.K. Jain, as Commissioner (Planning) Delhi Development Authority worked on the Master Plan for Delhi-2021, National Urban Housing and Habital Policy, National Urban Transport Policy and various urban projects. He was a member of the Committee Constituted by the Ministry of Urban Development, GOI to review the statute of the Delhi Development

Authority vis-a-vis the changing urban scenario and new policy initiatives. As a member of editorial Board of International Journal of Environmental Studies (UK) and is author of several books on urban development and management. He is visiting faculty at Delhi School of Planning and Architecture and other Institutes. He was awarded 2nd Urban Professional Award 2014 at World Urban Forum in Medellin, Colombia in recognition of being an exemplary city changer. Union Minister for Urban Development honoured him with IBC Lifetime Achievement Award (2016).



Learning AutoCAD 2013

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-97-7
ISBN 10 :	9381068976
E-ISBN 13 :	978-93-81068-97-7
Edition :	1
Pages :	272
Type of book :	Physical
Year :	2016
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

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.

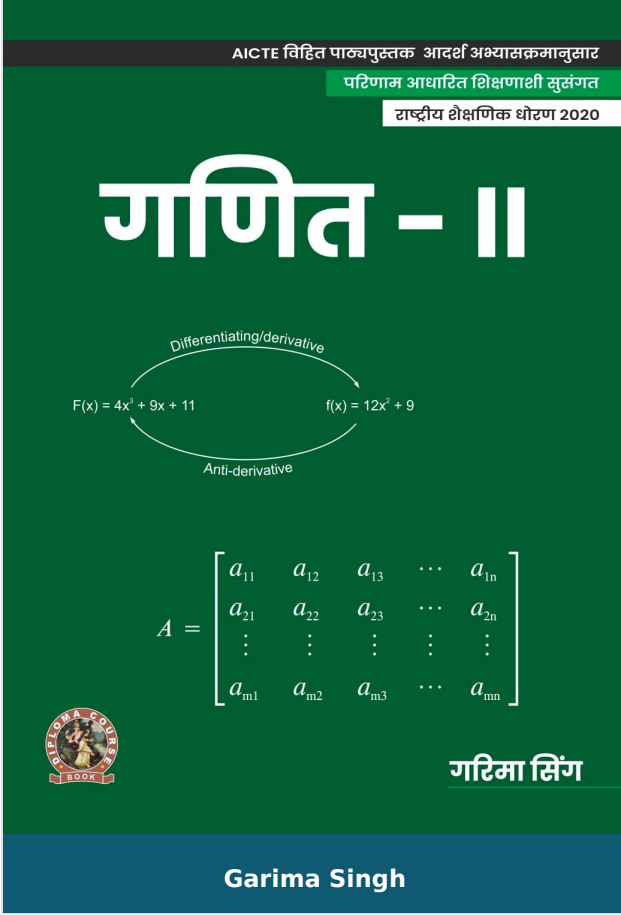
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- Glossary Of Keywords Of AutoCad 2013
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Author

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 even exported to Middle East and African countries.



Mathematics-II

Author :	Garima Singh
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Publisher :	Khanna Publishing House
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Categories :	AICTE Prescribed Textbooks, Marathi Books, Book Store, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“Mathematics-II” is a Compulsory paper for the first year students of Diploma engineering courses (common to all branches). Syllabus of this book is strictly aligned to the model curriculum of AICTE. And academic content is amalgamated with the concept of outcome based education. Apart from diploma it is useful for all students who are interested in basic /elementary mathematics and competitive examinations.

Book covers seven topics- Determinants, Matrices, Integral Calculus and it's applications. Co-ordinate Geometry and it's applications, vectors and it's applications, Differential equations. Basic of MATLAB.

Each topic is written in an easy and lucid manner with a holistic view. There has been deliberated attempt to keep the number of pages in the book minimum without compromising with the matter. Every chapter contains a set of exercises at the end of each unit to test the student's comprehension.

Some salient features of the book:

1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given.
2. Objective questions and subjective questions are given for practice of students after every unit.
3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes.
4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc.
5. The text has been supplemented with notes, remarks, remember sections within grey boxes.

6. Student and teacher centric subject materials are included in the book in a balanced manner.
7. Real life applications are inserted to improve clarity of this topics.
8. Know more section has been introduced which constitutes of additional information related to the topic.
9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB.
10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make .
11. Student have a glimpse of the rich Indian heritage, especially in the field of mathematics.

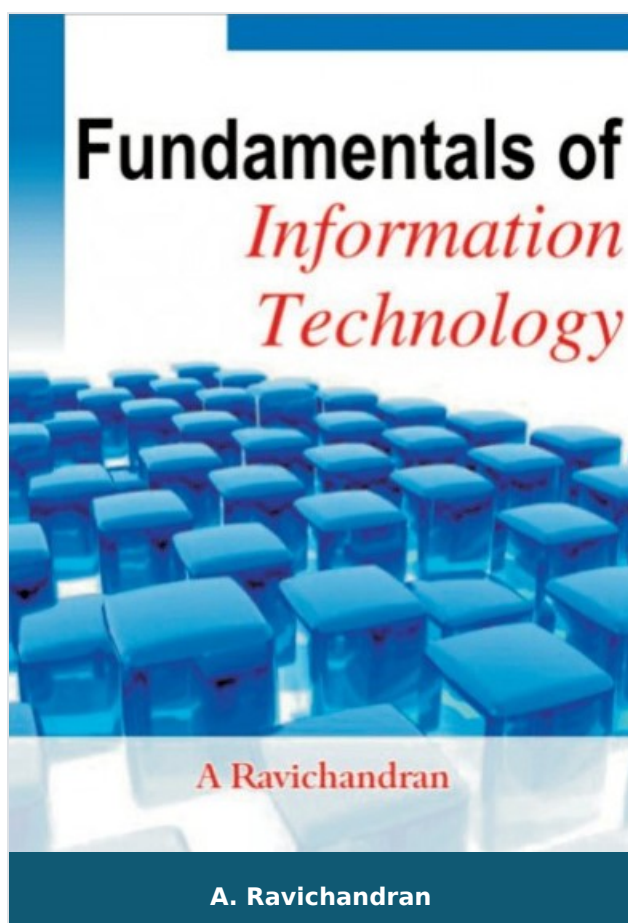
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Fundamentals of Information Technology

Author :	A. Ravichandran
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Product Description

This book Covers all the important aspects of computers, their growth, usage and abilities. Each topic has has fully covered to explain their developments and future usage. This book would serve the base for the learning process for all the students of computers and information technology. Starting with students of schools, to colleges, to the universities, or whosoever who wants to have more information about the subject. 20th century has seen the development of information technology to the fullest. This field is changing at such a fast speed that it becomes impossible to keep track of the developments taking place throughout the world. This book in one of the such book which keeps you informed about the development which has taken place and are now on the verge of capturing the market, specially, mobile computing, Geo Information system, knowledge database system, etc.

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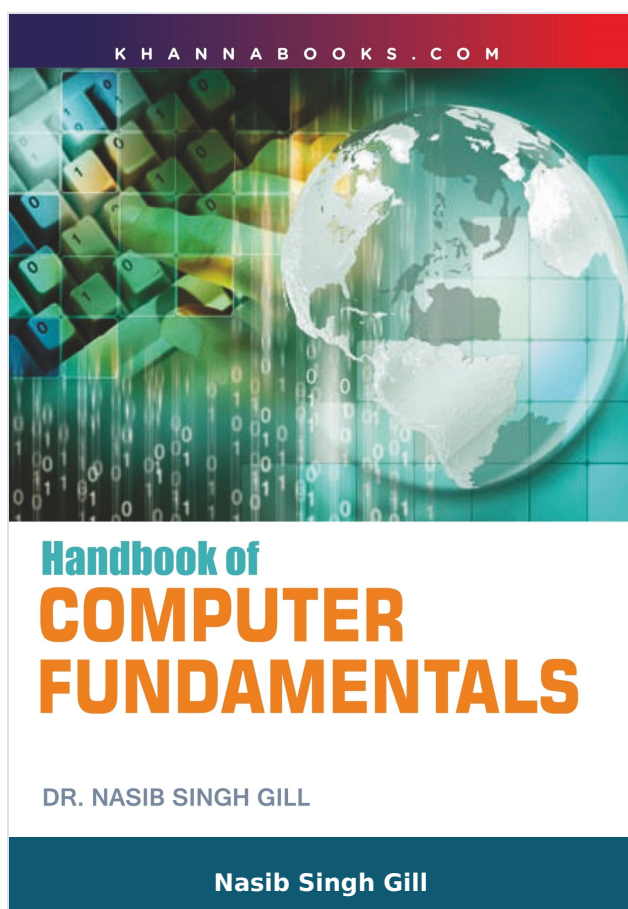
- Introduction to Computers
- Computer Anatomy and Architecture
- Number System
- Central Processing Unit
- Input, Output and Storage Devices
- Introduction to Computer Software
- Introduction to Software Development
- Programming Languages
- Operating Systems
- General Software
- Microsoft Windows XP
- Introduction to Microsoft Office
- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Access
- Introduction to Database Management Systems
- Database Systems and Architecture
- DBMS and SQL
- Introduction to Telecommunications
- Introduction to Networking
- Introduction to Communications
- Internet and World Wide Web

- Introduction to e-mail
- e-commerce and e-business
- Web Design and Web Technology
- Introduction to Computer Security
- Cryptography
- Computer Virus, Worms and Bombs
- Multimedia and Applications
- New Technologies
- Use of Computers in various Industries
- Introduction to Tally 9.0

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Handbook of Computer Fundamentals

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Product Description

The complete spectrum of computer fundamentals starting from historical evolution of computers to its successful usage among common men. Another important dimension of the book includes its opening from general concept of data communication to the extent of internet & usage. The book also attempts to highlight the societal impacts of the computer technology. The language used in the book is lucid, is easy to understand, and facilitates easy grasping of concepts. The chapters have been logically arranged in sequence. The book is written in a reader-friendly manner both for the students and the teachers. Most of the contents presented in the book are in the form of bullets, organized sequentially. This form of presentation, rather than in a paragraph form, facilitates the reader to view, understand and remember the points better. The explanation is supported by diagrams, pictures and images wherever required. Adequate exercises have been given at end of the every chapter.

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- Computers and their Classification
- Number Systems and their Inter conversions
- Computer Codes and Their Types
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- Memory and Mass Storage Devices
- Software and Operating System Concepts
- Programming languages and Program development
- Data Communication and Related Concepts
- Computer Networks and Internet
- Computer Applications.

Author

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Dr. Nasib Singh Gill is a high profile and an acknowledge teacher. Dr. Gill obtained his Ph.D. degree in Computer Science in March 1996 under the supervision of a very renowned and an eminent Computer Scientist, Pro-Head, Department of Computer Science & Applications, M.D. University, Rohatak. He is working in Department of Computer Science & Applications, M.D. University, Rohtak since its inception in Feb. 1990. Presently, he is working as Senior Faculty in the department and has more than 10.5 years of teaching experience. His area of research is 'Software Metrics', a sub-area of 'Software engineering' discipline and presently he is orienting himself in the area of 'Information Technology'