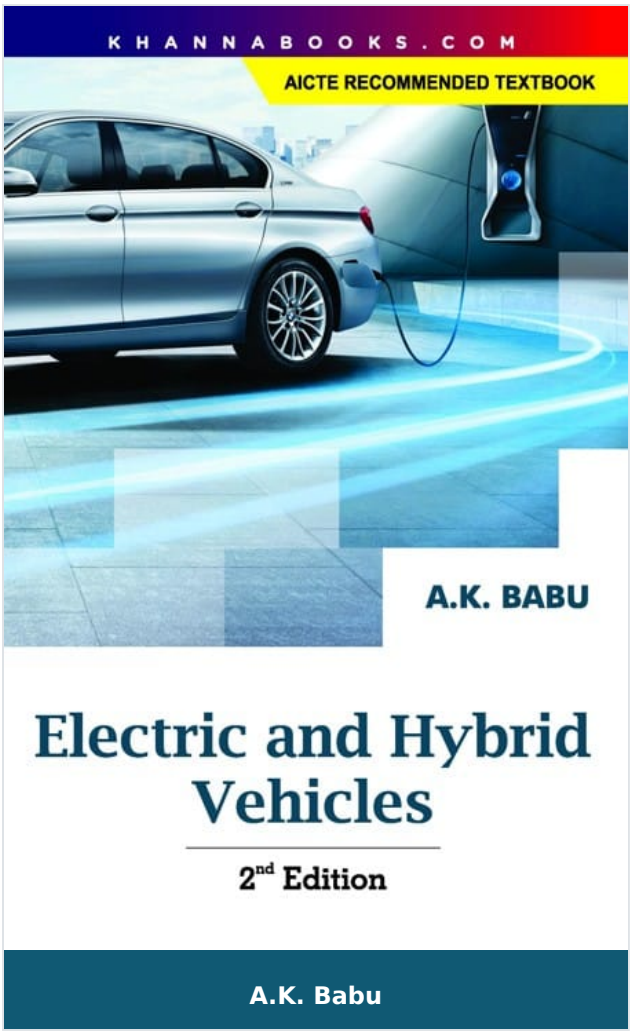


Electric & Hybrid Vehicles

Author :	A.K. Babu
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ISBN 10 :	81-95123-15-5
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Pages :	212
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Condition Type :	New
Country Origin :	India

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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 is written to be easy to read and to meet the critical skill requirements of students studying Automobile Engineering, Mechanical Engineering and Electrical Engineering. The content is organized into 25 easy-to understand chapters. The fundamentals, electric vehicles (EVs), hybrid electric vehicles (HEVs), and fuel cell vehicles (FCVs) are all covered in this book. it covers the performance, configuration, and control strategy of several electric and hybrid electric vehicles in details. Colleges and technical universities offering core and elective subjects like Electric and hybrid Vehicles and New Generation Vehicles can utilize this course book as a textbook and major reference book.

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- Hybrid Cars in India
- Steering System for EVs and HEVs
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- Brake System For EVs
- Best Electric and Hybrid Cars.

Author

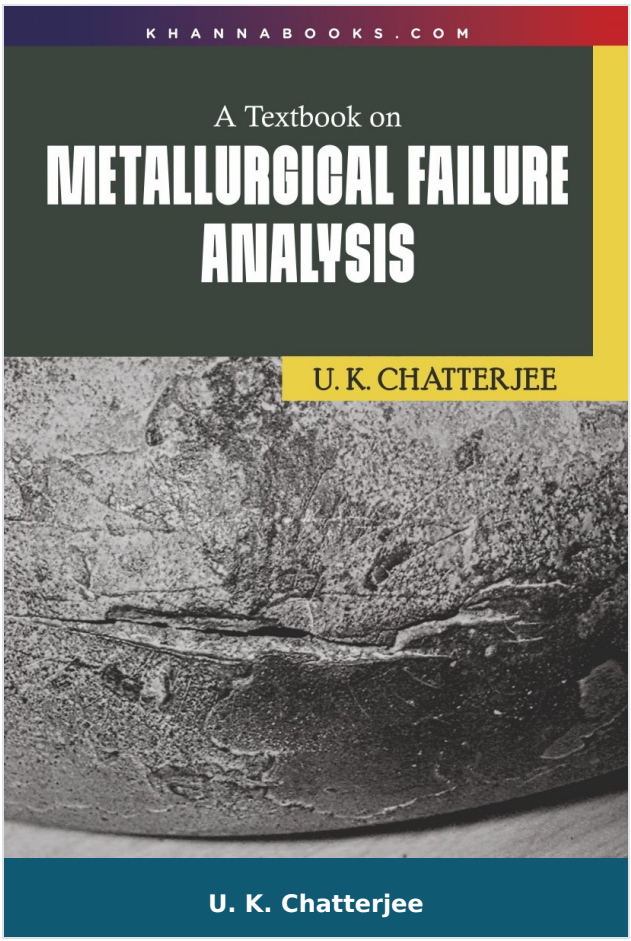
A.K. Babu

A.K. Babu A.K.Babu is working as Associate Professor in the Department of Automobile Engineering, SRM Easwari Engineering College, Chennai, India. He has over 18 years of experience in teaching, research and industry. A.K.Babu, completed his Master Degree in Automobile Engineering from Madras Institute of Technology (M.I.T.), Anna University (1997). He has served in other countries like Malaysia, Ethiopia and Eritrea for more than 5 years. A.K.Babu has published considerable number of research papers in international journals and conferences. His research paper published in SAE Journal of Fuels and Lubricants awarded one the most outstanding papers in the year 2003.

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U. K. Chatterjee

Textbook on Metallurgical Failure Analysis

Author :	U. K. Chatterjee
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E-ISBN 13 :	978-93-55387-11-0
Edition :	1
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Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	New Arrivals, Metallurgical Engineering, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

A Textbook on METALLURGICAL FAILURE ANALYSIS: This handy textbook presents the basic causes of failure of metallic components and the factors – mechanical, metallurgical, thermal and environmental – that contribute to the failure. Basis of metal deformation and fracture, including fractography, are elaborated. Procedure for failure analysis has been explained and the tools used for failure analysis described. Several actual cases of failure investigation are included.

The classified types of failure covered in the book are:

- Fatigue failure
- Wear failure
- Environment assisted failure
- High temperature failure
- Casting failure
- Heat treatment related failure
- Metalworking defeat related failure
- Weld failure

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- Environment Assisted failure
- High Temperature failure
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- Heat Treatment Related Failure
- Metalworking Defects
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Author

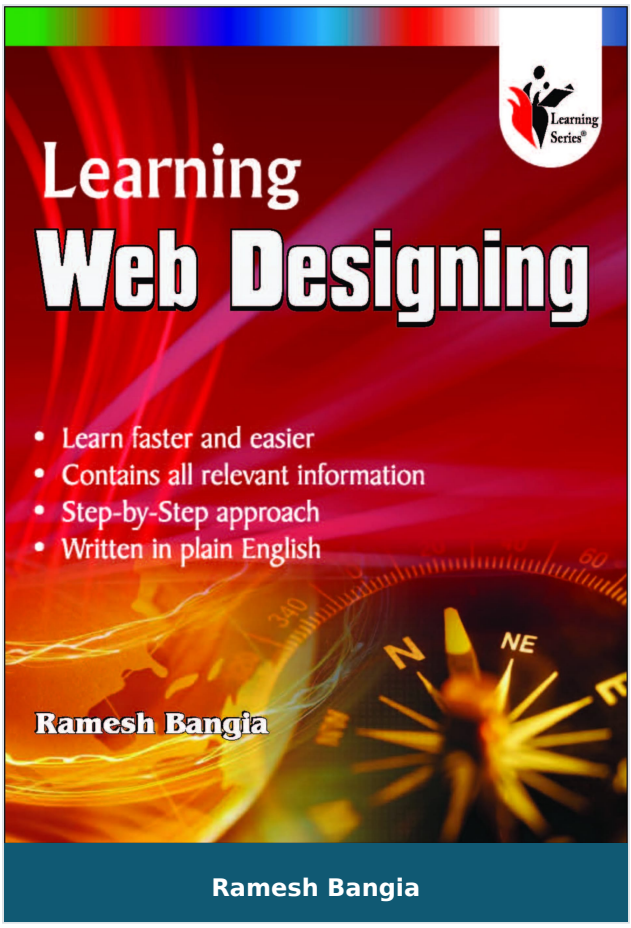
U. K. Chatterjee

K CHATTERJEE: obtained the B.Tech (1964) and Ph.D. (1968) degree in metallurgical engineering from the Indian Institute of technology , Kharagpur , and served as a faculty member there for 41 years, The author or co-author of 110 papers in professional journals and conference proceedings and co-author of the book ‘Environmental degradation of metals’ (Marcel Dekker . 2001). He is an alexander von Humboldt fellow and a life of IIT Kharagpur.

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Learning Web Designing

Author :	Ramesh Bangia
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Bookstore, 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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- eXtensive Markup Language
- Introduction to ASP
- Questions

Author

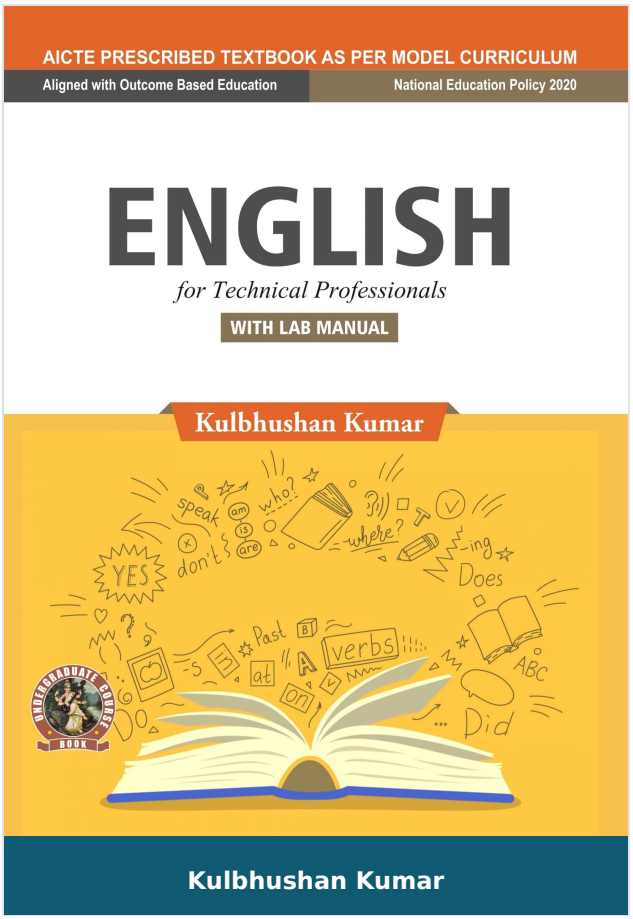
Ramesh Bangia

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 Ease and African countries.

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English (with Lab Manual)

Author :	Kulbhushan Kumar
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E-ISBN 13 :	978-93-91505-09-7
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Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore, Ebooks, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

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

The Book on English in your hand is a textbook intended for the second language learners who wish to learn English but have a less environment in conversing with others in English. The book covers AICTE model curriculum for first year undergraduate degree courses in Engineering and Technology. The book is meant to familiarize the students with different aspects and genres in English including reading, listening comprehension, written and speaking skills. A must-buy for the students of engineering, Management and Humanities, the book combines reference grammar and practices exercises while maintaining a practice- oriented approach. So, to solve the purpose, the book has been divided into six part that highlights:

1. Vocabulary Building

2. Basic written Skills

3. Identifying Common Errors in Writing

4. Nature and style of Sensible Writing

5. Writing Practices

6. Oral Communications

Salient Features:

This book covers a wide range of topic such as conversation practice, vocabulary building , writing practices and sentence Patterns which generates a great taste to its learners. Apart from the core lessons, this course book includes additional reference tools strategies for learning independently, vocabulary trainer and ideas for developing speaking skills. The sole purpose of the book is to empower students with language and life skills the need to carry out to achieve their career goals. A big part of the book is about the vocabulary, with numerous examples. It prepares the learners in Business

English for effective communication not only as students during their collegiate day but also as employees after being employed. It is a complete guide for all business and processional communication activities explaining in simple language how people interact with each other through effective use of spoken and written English. To make the students face the competitive world, each chapter of this book is clearly structured with a strategic approach to learn the target language from the basic level. Therefore, it’s THE BEST book for every technical student who wants to understand how English Works.

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- Writing
- Practices
- Oral
- Communication

Author

Kulbhushan Kumar

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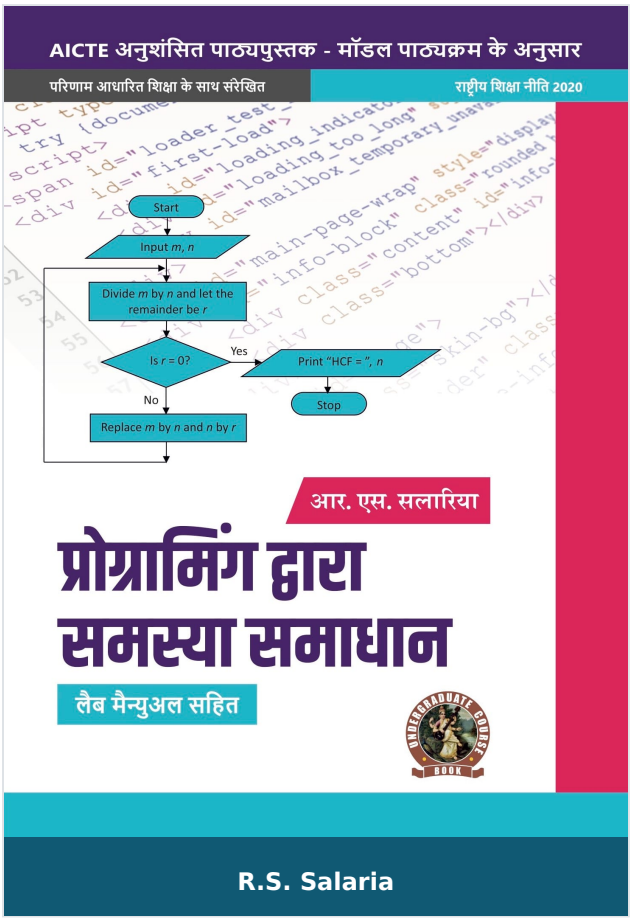
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Kulbhushan Kumar Former Head, Department of English and Communication Studies and Former Chief Editor and Coordinator. EU Voice University Magazine, Eternal University, Baru Sahib (Himachal Pradesh).

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Programming for Problem Solving (with Lab Manual)

Author :	R.S. Salaria
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Publisher :	Khanna Publishing House
M.R.P :	Rs 495.00
Categories :	AICTE Prescribed Textbooks, Hindi Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook is designed as per the model curriculum of AICTE for the first year students of all branches of undergraduate program in Engineering & Technology (BE/B. Tech). The subject of programming for problem Solving aims at developing problem solving skills among the students and the skills to create programs in C language for their implementation. This book emphasizes to empower the students to grasp the skills required for problem solving and to develop deep understanding of the constructs of C language. These aspects of the subject are well illustrated through enormous solved programming problems.

Salient Features:

1. Simple and lucid language that enables students to grasp the subject.

2. Demonstrates the elegant programming style.

3. 165+ ready to run programs for reference and to illustrate the program development process.

4. 135+ Short answer type questions to provide an opportunity for self-assessment of the fundamental concepts learned by answering them precisely.

5. 165+ multiple choice questions to provide an opportunity to synthesize the fundamental concepts.

6. 90+ Programming problems to provide an opportunity to harness programming skills.

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- Branching and Loops
- Arrays
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- File
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- References for further learning
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Author

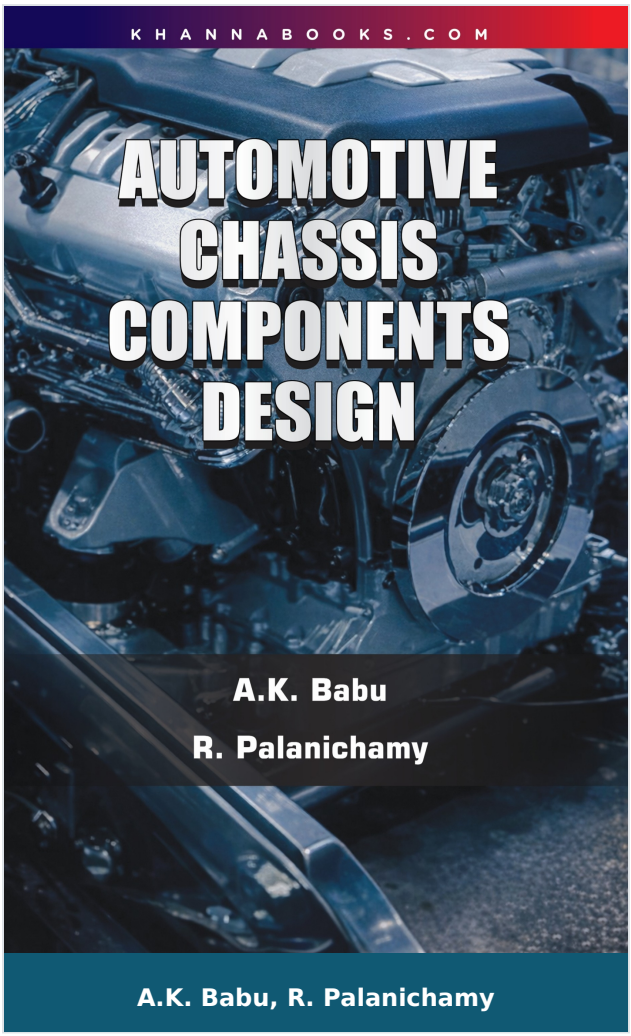
R.S. Salaria

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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Automotive Chassis Components Design

Author :	A.K. Babu, R. Palanichamy
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Product Description

Automotive Chassis Components Design

Automotive Chassis Components Design is a comprehensive academic and professional guide dedicated to the intricate engineering of a vehicle’s skeletal and foundational systems. Authored by A. K. Babu, the text serves as a vital bridge between theoretical mechanics and practical automotive design, focusing on the five basic components that define a modern automobile: the power plant, chassis, power train, body, and accessories. The book provides an in-depth exploration of the “running gear,” including the frame, suspension, steering, brakes, and wheels—systems that directly impact riding comfort, vehicle stability, and safety.

Designed for students of automotive and mechanical engineering, as well as practicing professionals in the automotive industry, the book maintains a rigorous academic tone while ensuring concepts are accessible through detailed diagrams and solved problems. Its core theme revolves around the functional integration of components to withstand dynamic and static loads, optimize maneuverability, and ensure passenger comfort. From the design of heavy-duty truck frames to the precise gear ratios of synchromesh gearboxes, this text provides the analytical tools required to design safe and efficient modern vehicles.

Salient Features:

• **Comprehensive Frame Analysis**: Detailed study of conventional, integral, and semi-integral frames, focusing on materials like carbon steel and their resistance to vertical bending and torsion.

• **Transmission System Engineering**: In-depth coverage of clutch requirements and gearbox types, including sliding mesh, constant mesh, and synchromesh systems for optimized torque delivery.

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• **Driveline Dynamics**: Technical exploration of propeller shafts and universal joints, with a focus on torsional strength, whirling speeds, and critical vibration avoidance.

• **Final Drive Mechanics**: Expert analysis of axle ratios and gear types, such as hypoid and worm-and-wheel drives, to enhance vehicle stability and quiet operation.

• **Axle and Load Design**: Comprehensive design methodologies for front and rear axles, examining load distribution, stresses, and the mechanics of semi-floating vs. full-floating types.

• **Advanced Suspension Systems**: Practical insights into leaf and coil springs, including the design of torsion bars and methods to reduce inter-leaf friction for better handling.

• **Steering Precision**: Rigorous examination of steering geometry, comparing Ackermann and Davis mechanisms to ensure true rolling and minimal tire wear during maneuvers.

• **Applied Problem Solving**: Every chapter is reinforced with design problems, exercise questions, and multiple-choice questions to test both theoretical knowledge and practical application.

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- Suspension
- Steering

Author

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A.K. Babu A.K.Babu is working as Associate Professor in the Department of Automobile Engineering, SRM Easwari Engineering College, Chennai, India. He has over 18 years of experience in teaching, research and industry. A.K.Babu, completed his Master Degree in Automobile Engineering from Madras Institute of Technology (M.I.T.), Anna University (1997). He has served in other countries like Malaysia, Ethiopia and Eritrea for more than 5 years. A.K.Babu has published considerable number of research papers in international journals and conferences. His research paper published in SAE Journal of Fuels and Lubricants awarded one the most outstanding papers in the year 2003.

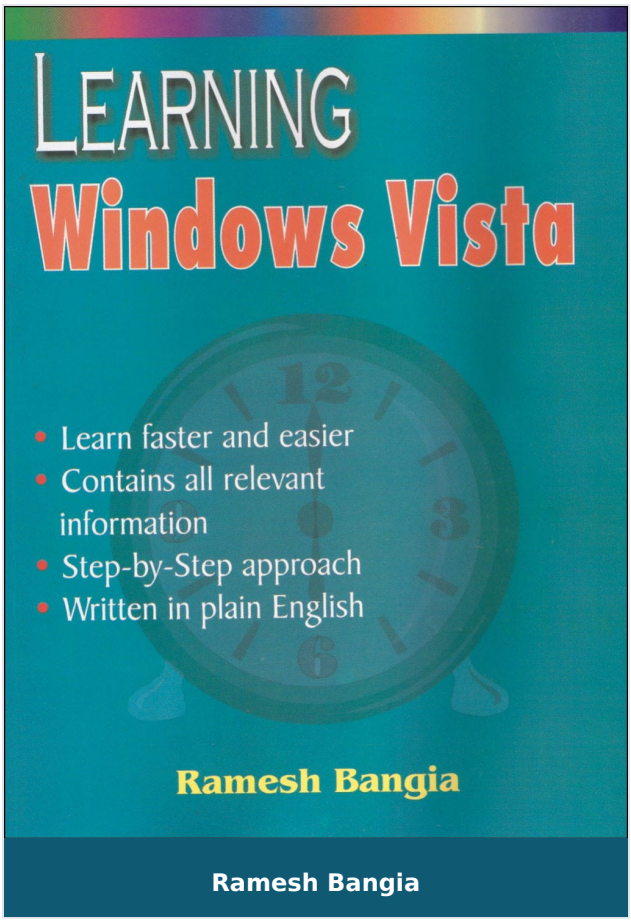
R. Palanichamy

Dr. R. Palanichamy Director, Pandian

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Learning Windows Vista

Author :	Ramesh Bangia
ISBN 13 :	078-81-90611-64-0
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Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: +91-99109 09320

Product Description

Learning of a Software is both easy and difficult. It depends upon what level you are planning to learn. If you are learning only for the working use, than it is very easy. But when you try to go deep into it, then you realist how difficult it is to master it.

Windows Vista 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 ill just guide you how to use the stairs.

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- Control Panel of Windows Vista
- Configuring your system with Windows Vista
- Maintain and Protect our System with Windows Vista
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- Keyboard Shortcuts
- Questions

Author

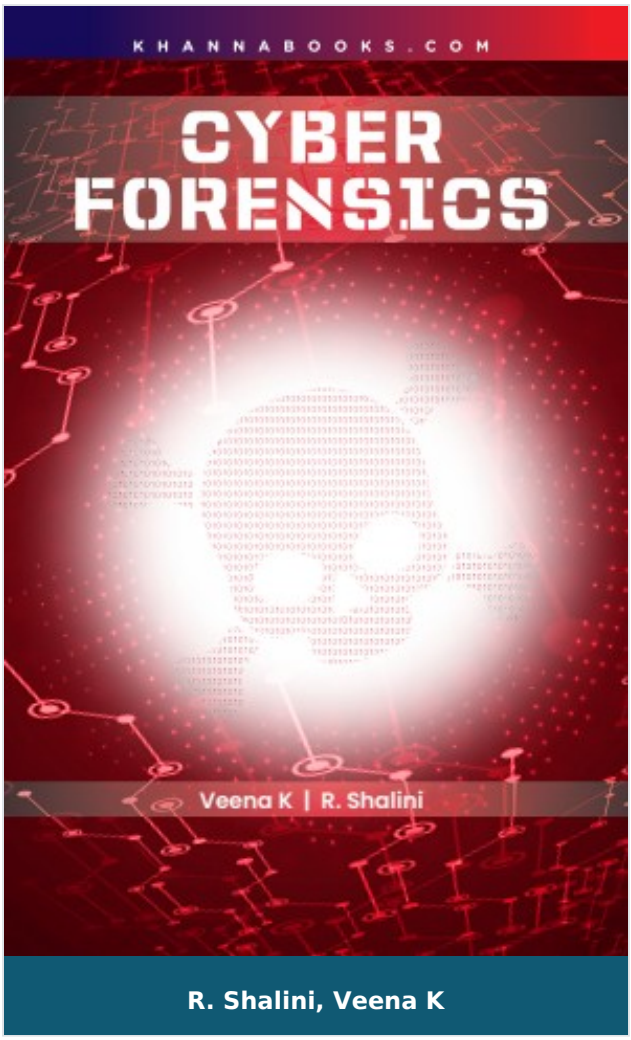
Ramesh Bangia

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 Ease and African countries.

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R. Shalini, Veena K

Cyber Forensics

Author :	R. Shalini, Veena K
ISBN 13 :	978-93-55385-44-4
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Publisher :	Khanna Publishing House
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Condition Type :	New
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Product Description

CYBER FORENSICS

This book," CYBER FORENSICS," serves as comprehensive and essential guide to the rapidly evolving field of digital crime investigation. It is specifically structured to align with the curriculum for BE CSE students specializing in cyber security, but its rigorous methodology makes it indispensable for law enforcement, IT security specialists, and aspiring forensic professionals.

The book's core theme revolves around the systematic process of identifying, collecting, analyzing, and preserving electronic evidence to ensure its integrity and legal admissibility in court. It establishes a robust foundation by detailing the history of computer crime, the critical intersection of technology and law, and the fundamentals of professional forensic methodology.

Moving beyond theory, the text provides in-depth coverage of specialized forensic domains, including disk, network, memory, and mobile forensics. Readers gain practical expertise through detailed explorations of advanced topics such as window registry analysis, cloud forensics, and virtual machine forensics. The practical value is significantly enhanced by incorporating hands-on case studies and demonstrating the use of open-source forensic tools. This approach equips readers with the skills needed to navigate the complex challenges of investigative reconstruction, analyze criminal modus operandi, and secure justice in the digital world.

Salient Features:

- **Foundational Protocols**: covers the history and terminology of computer crime, establishes the investigative process, and details the crucial intersection of technology and law for evidence admissibility.

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- **Advanced Domains**: Provides deep dives into specialized areas like memory forensics, cloud storage analysis, and virtual machine forensics, preparing students for complex, modern cyber-investigations.
- **Practical Tools & Techniques**: integrates learning on essential forensic software such as Wireshark, bulk extractor, and YARA through engaging case studies, emphasizing real-world tool application.
- **Evidence Life Cycle**: Emphasizes the forensic methods for identifying, collecting, and preserving electronic data, along with crucial steps like forensic imaging and maintaining the chain of custody.
- **Data Artifact Analysis**: Explores the structure of storage devices, including SSD devices, and teaches the extraction and analysis artifacts, hidden data, and file signatures.
- **Criminal Profiling**: Focuses on investigative reconstruction techniques, analyzing the modus operandi (MO), motive, and technology used by cybercriminals for effective profiling and case resolution.
- **System-Specific Forensics**: dedicated chapters on performing forensic for specific operating environments, including details steps for windows registry, Browser Usage, and network traffic analysis.

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- Advanced Cyber Forensics

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Dr. R. Shalini Associate Professor, Dept of CSE, Sathyabama Institute Of Science and technology Dr. K. Veena Associate professor, Dept of CSE, Sathyabama Institute Of science and technology

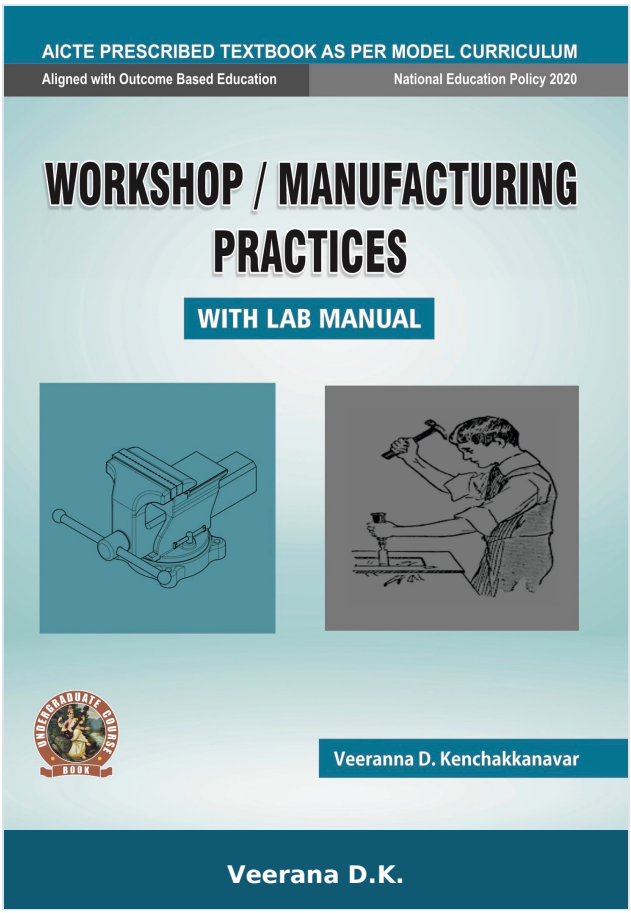
Veena K

Dr. Veena k Associate Professor Dept Of CSE, Sathyabama Institute of Science and Technology Dr. R Shalini Associate Professor Dept Of CSE, Sathyabama Institute of Science and Technology

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Workshop / Manufacturing Practices (with Lab Manual)

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Product Description

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations.

Salient Features:

1. Manufacturing Methods
2. CNC Machining, Additive manufacturing
3. Fitting operations & power tools
4. Electrical & Electronic
5. Carpentry
6. Plastic mounding, glass cutting
7. Metal casting
8. Welding (arc welding & gas welding), brazing

9. Laboratory experiments and models

10. Appendices

11. References

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- CNC Machining, Additive manufacturing, Fitting
- operations & power tools
- Electrical & Electronic
- Carpentry, Plastic moulding, glass cutting
- Metal casting, welding (arc welding & gas
- welding), brazing
- Part- B: Workshop Practice Laboratory
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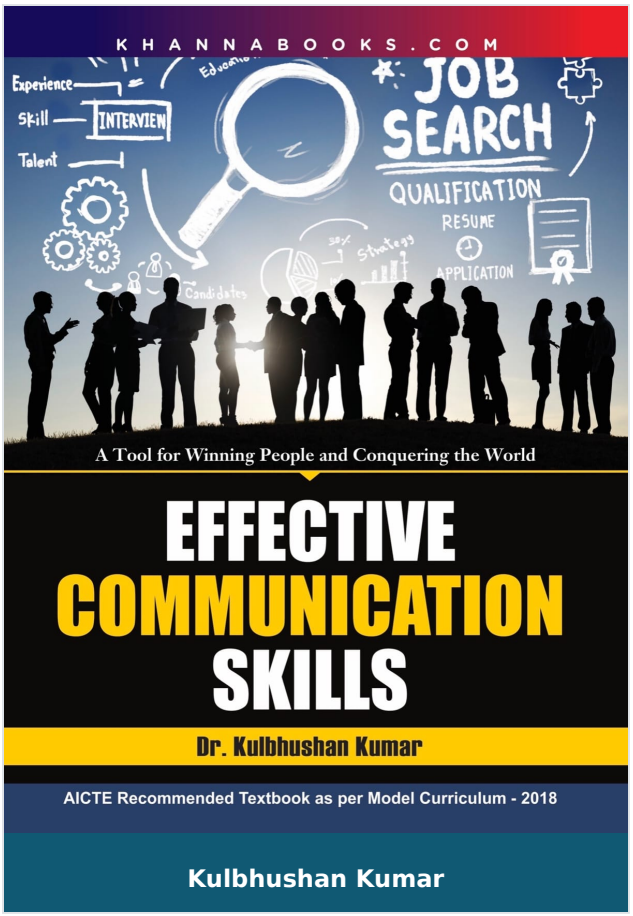
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Effective Communication Skills

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Product Description

The Books in your hand is a modest attempt to discuss the kaleidoscopic nature and paramount international significance of English Language and of Communication Skills. The purpose of the book is to familiarize its readers with different aspects and genre of business communication. So, to solve the purpose, the book has been divided into fifteen chapters.

· Introduction to Communication Skills

· Types of Communication

· Listening Skills

· Speaking Skills

· Reading Skills

· Writing Skills

· Oral Presentation Skills

· Writing Business Letter

· Report, Tenders, Business Proposal,

· Memorandum

· Resume Writing

· Group Discussion

· Conducting Meetings Telephone Skills

· Grammar

· Interview Skills

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The purpose of the book is empower students with the language and life skills they need to carry out their career goals. The book provides ample opportunities for students to build development and practice the language in real-life scenarios. Its integrated skills approach develops the students' self-confidence to survive and succeed in professional and social encounters within the English speaking global community. Emphasis is on developing the life skills students' need to deal with situations that they will encounter in the job market. Therefore, the book provides students with the language and life skills necessary to pursue business related career goals.

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- Reading Skills
- Writing Skills
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- Writing Business Letters
- Reports, Memos, Orders
- Resume
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- Chapter-12. Conducting Meeting
- Chapter-13. Telephone Skills
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Author

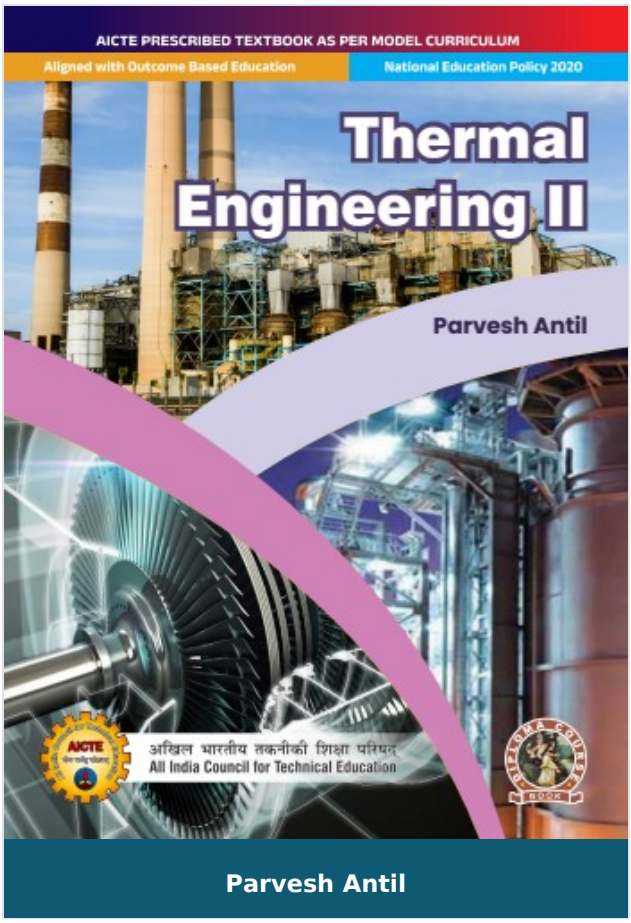
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Kulbhushan Kumar Former Head, Department of English and Communication Studies and Former Chief Editor and Coordinator. EU Voice University Magazine, Eternal University, Baru Sahib (Himachal Pradesh).

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Thermal Engineering- II

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Product Description

Thermal Engineering- II

Thermal Engineering 2 is a fundamental subject for engineering students in the mechanical Engineering domain, providing a foundation for logical and analytical thinking. Thermal systems are crucial for regulating temperatures and facilitating energy transfer in a wide range of applications, including building heating and cooking, power production, and industrial operations. The aim of this book is to familiarize the students with the various thermal systems so that they can thing big and innovative for future energy requirements.

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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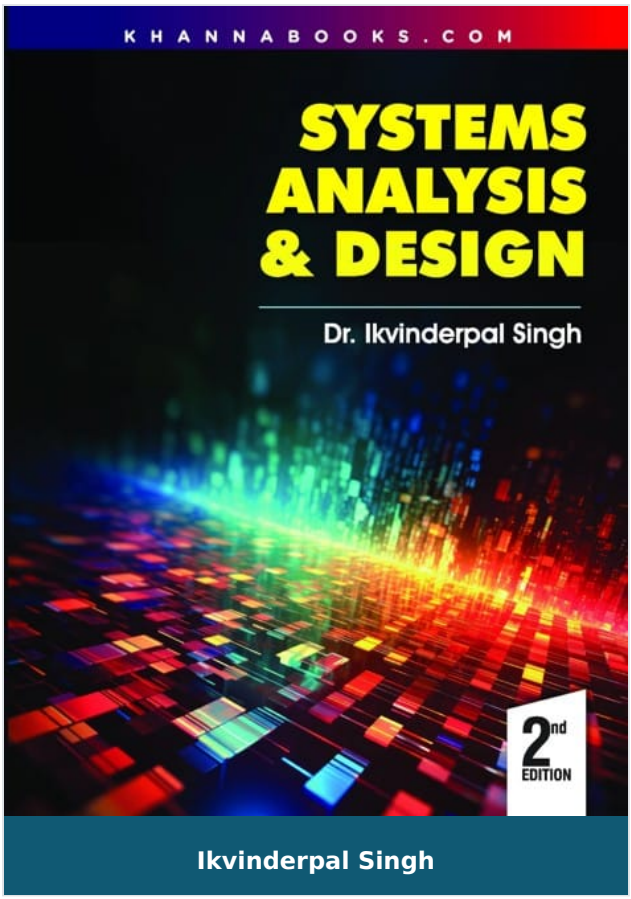
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Ikvinderpal Singh

Systems Analysis and Design

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Product Description

Systems analysis and design (SAD) in an exciting, active field in which analysts continually learn new techniques and approaches to develop systems more effectively and efficiently. However, there is a core set of skills that all analysts need to know no matter what approach or methodology is used. All information system projects move through the five phases of planning, analysis, design, implementation and maintenance; all projects require analysts to gather requirements, model the business needs, and create blueprints for how the system should be built; and all projects require an understanding of organizational behavior concepts like change management and team building. This book captures the dynamic aspects of the field by keeping students focused on doing SAD while presenting the core set of skills that we feel every systems analyst needs to know today and in the future. It also builds on our professional experience as systems analysts and on our experience in teaching SAD in the classroom.

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- Object-Oriented Design
- User-Interface Design
- Coding & Documentation
- System Testing
- System Testing Strategies
- System Quality
- System Maintenance & Supports Users

Author

Ikvinderpal Singh

Dr. Ikvinderpal Singh is an Assistant Professor at Trai Shatabdi Guru Gobind Singh Khalsa college Amritsar, bringing 17+ years of academic leadership and research experience to the field of computer science. A Gold Medalist in B.Sc. IT, with an MCA (Distinction) and a Ph.D. in Neural Networks and Image Processing, he is known for blending rigorous

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research with practical innovation. A prolific academic creator, he has authored 37 books, published 82+ research papers, and designed 100+ industry-aligned skill-development courses. His expertise extends to doctoral evaluation, supervision, and active participation on 100+ editorial and review boards worldwide.

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