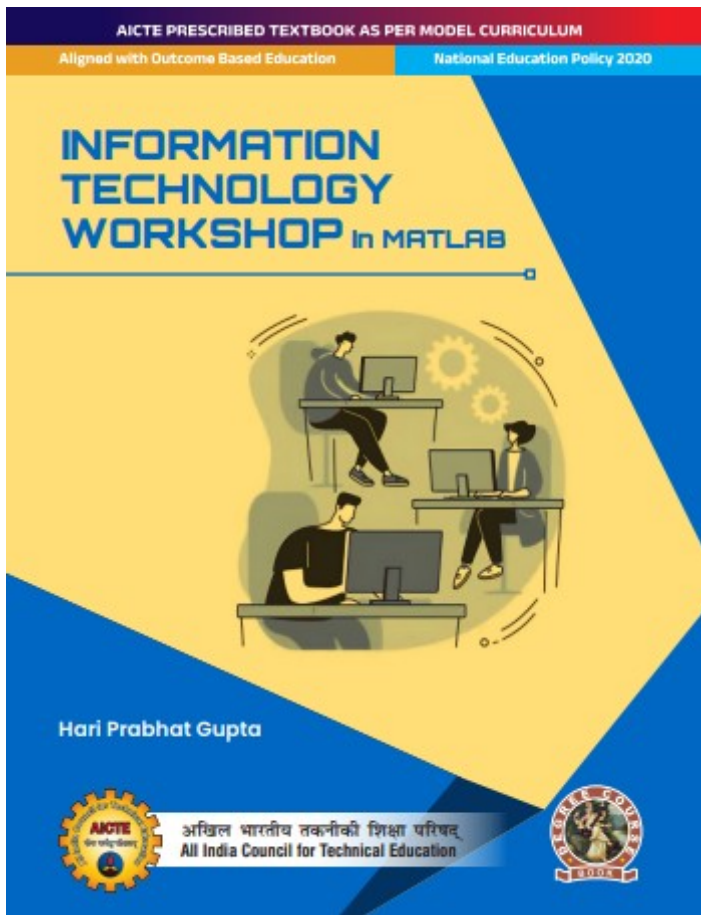


## Computer System Organization

<b>Author :</b>	Sonal Yadav
<b>ISBN 13 :</b>	978-93-55386-94-6
<b>ISBN 10 :</b>	93-55386-94-X
<b>E-ISBN 13 :</b>	978-93-55386-94-6
<b>Edition :</b>	First
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Year :</b>	2026
<b>Language :</b>	Marathi
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 348.00
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks,</a> <a href="#">Marathi Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

## Product Description

Computer System Organization



## Information Technology Workshop in MATLAB

<b>Author :</b>	Hari Prabhat Gupta
<b>ISBN 13 :</b>	978-93-55389-68-8
<b>ISBN 10 :</b>	93-55389-68-X
<b>E-ISBN 13 :</b>	978-93-55389-68-8
<b>Edition :</b>	First
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Year :</b>	2026
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 412.00
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks,</a> <a href="#">English Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

## Product Description

**Information Technology Workshop in MATLAB** This book familiarizes the students to different domains of IT workshop. This covers one of the most widely used programming language i.e., MATLAB. Main purpose of this book is to help students and researchers to understand and apply the MATLAB programming language to applications in engineering science, biomedical science, etc. The main content of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per National Education Policy (NEP) 2020. **Salient**

### Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected 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 in 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.
- Solved and unsolved problems including stepwise solved numerical are included in the book.



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Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Guidelines For Teachers Guidelines For Students List of abbreviations List Of Figures List of tables List of experiments

- Introduction to IT Workshop
- Preliminaries of MATLAB
- Basics of MATLAB
- Vectors and Matrices in MATLAB
- MATLAB Scripts and Functions
- Branch Statements in MATLAB
- Loop Statements in MATLAB
- Image processing and File Handling in MATLAB
- MATLAB Program Organization and Debugging Techniques

Unit summary Exercises Multiple choice questions Answers to multiple choice questions  
References

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## Author

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**Dr. Hari Prabhat Gupta** Assistant Professor, IIT (BHU) Varanasi

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## Engineering Mechanics (With Lab Manual)

<b>Author :</b>	B. B. Gokaldas
<b>ISBN 13 :</b>	978-93-55381-62-0
<b>ISBN 10 :</b>	93-55381-62-X
<b>E-ISBN 13 :</b>	978-93-55381-62-0
<b>Edition :</b>	1
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Year :</b>	2025
<b>Language :</b>	Malayalam
<b>Publisher :</b>	Khanna Publishing House
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks</a> , <a href="#">Ebooks</a> , <a href="#">Malayalam Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

“Engineering Mechanics with Lab Manual” is a compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE). Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student’s comprehension. Also in each unit the laboratory practical pertaining to unit is included. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc. 3. Student and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, equations and activities are insert to improve clarity of the topics. 5. Objective questions, Short questions and long answer exercise given for practice of students after every unit. 6. Solved and unsolved problems including numerical examples taken with systematic steps.



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**Foreword,**

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**Outcome Based Educations,**

**Course Outcomes,**

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**Chapter 2:** Equilibrium.

**Chapter 3:** Friction.

**Chapter 4:** Centroid and Centre of Gravity.

**Chapter 5:** Centroid and Centre of Gravity.

**Chapter 6:** Appendix.

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## Author

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**B. B. Gokaldas**

**Vandana Somkuwar**

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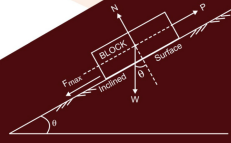
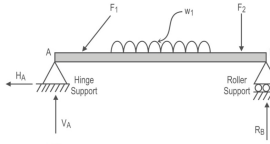
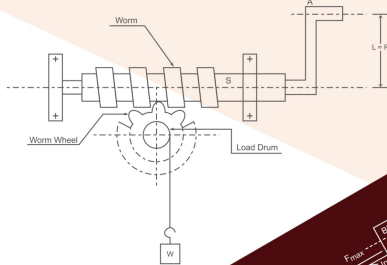
ಮಾದರಿ ಪಠ್ಯಕ್ರಮದ ಅನುಸಾರ ಎಐಸಿಟಿಇ ಶಿಫಾರಸು ಮಾಡಿರುವ ಪಠ್ಯಪುಸ್ತಕ

ಫಲಿತಾಂಶ ಆಧಾರಿತ ಶಿಕ್ಷಣದೊಂದಿಗೆ ಹೊಂದಿಸಲಾಗಿದೆ

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿ 2020

# ಇಂಜಿನಿಯರಿಂಗ್ ಮೆಕ್ಯಾನಿಕ್ಸ್

(ಲ್ಯಾಬ್ ಕೈಪಿಡಿಯೊಂದಿಗೆ)



ಭಂಖರ್ ಭರತ್ ಗೋಕಲ್ಡಾಸ್

## Engineering Mechanics | AICTE Prescribed Textbook

<b>Author :</b>	B. B. Gokaldas
<b>ISBN 13 :</b>	978-93-55380-14-2
<b>ISBN 10 :</b>	93-55380-14-3
<b>E-ISBN 13 :</b>	978-93-55380-14-2
<b>Edition :</b>	1
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	300
<b>Year :</b>	2025
<b>Language :</b>	Kannada
<b>Publisher :</b>	Khanna Publishing House
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks</a> , <a href="#">Ebooks</a> , <a href="#">Kannada Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

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## Product Description

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“Engineering Mechanics with Lab Manual” is a compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE). Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student’s comprehension. Also in each unit the laboratory practical pertaining to unit is included. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc. 3. Student and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, equations and activities are insert to improve clarity of the topics. 5. Objective questions, Short questions and long answer exercise given for practice of students after every unit. 6. Solved and unsolved problems including numerical examples taken with systematic steps.

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**Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and symbols, List of Figures, Guidelines for Teachers, Guidelines for Students, Chapter 1:** Basic of Mechanics and Force System. **Chapter 2:** Equilibrium. **Chapter 3:** Friction. **Chapter 4:** Centroid and Centre of Gravity. **Chapter 5:** Centroid and Centre of Gravity. **Chapter 6:** Appendix. **Index**

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## Authors

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**B. B. Gokaldas Vandana Somkuwar**

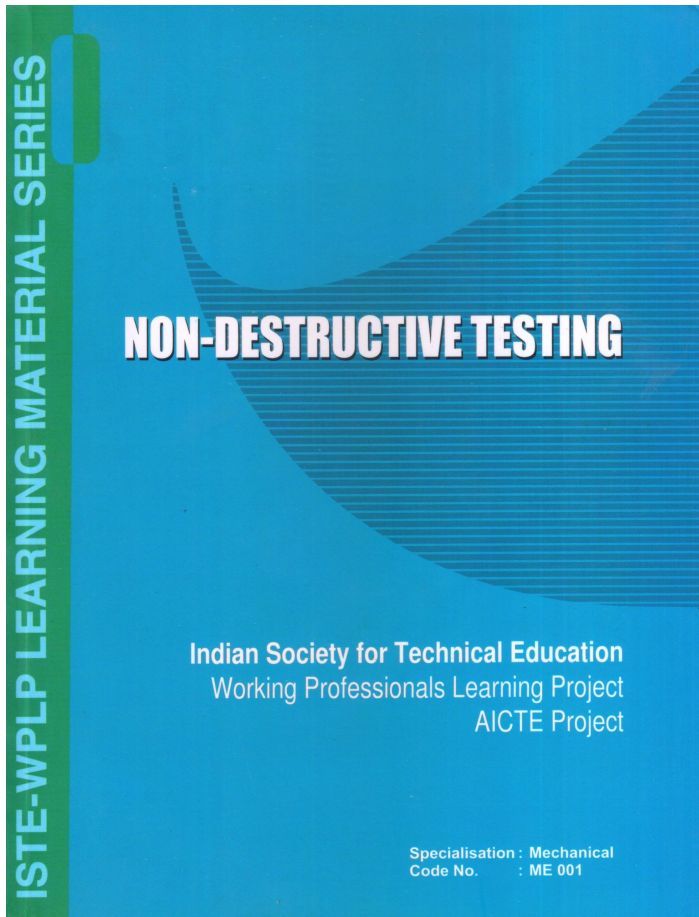
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## Non-Destructive Testing

<b>Author :</b>	C. R. L. Murthy
<b>ISBN 13 :</b>	978-93-55386-29-8
<b>ISBN 10 :</b>	93-55386-29-X
<b>E-ISBN 13 :</b>	978-93-55386-29-8
<b>Edition :</b>	1
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	470.00
<b>Year :</b>	2007
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 325.00
<b>Categories :</b>	<a href="#">Civil Engineering</a> , <a href="#">ISTE Series</a>
<b>SKU :</b>	1725734051
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

Quality, Reliability and Structural Integrity Evaluation have been the key words for a Safe world. Non-invasive industrial diagnostics though have been in practice through intuitive methods since times immemorial, the scientific formalization of the term Nondestructive Testing (NDT) which is synonymously used with Nondestructive Evaluation (NDE) and Nondestructive Inspection (NDI) is only a few centuries old. With the evolving needs of the industry the Science and Technology of NDE has lead to tremendous Research and Development efforts and standardization of testing techniques to meet these ever changing requirements. In fact, the basic concept of the subject itself has taken a transformation and brought forth a newer title Structural Health Monitoring (SHM) and Smart Structures hand in hand with the changing concepts of design and discovery of newer materials to achieve higher levels of safety, quality and reliability via real time diagnosis and implementation of healing strategies.



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**Chapter 3:** Visual Inspection.

**Chapter 4:** Leak Testing.

### **SECTION III Magnetic and Electro Magnetic Methods**

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**Chapter 6:** Real -Time Radiography.

**Chapter 7:** Computed Tomography.

**Chapter 8:** Magnetic Particle Testing

**Chapter 9:** Eddy Current Testing.

**Chapter 10:** Thermal Inspection.

### **SECTION IV Acoustic Methods**

**Chapter 11:** Ultrasonic Testing.

**Chapter 12:** Acoustic Emission Testing.

### **SECTION V Other techniques**

**Chapter 13:** Microwave Inspection.

**Chapter 14:** Shearography.

### **Bibliography**



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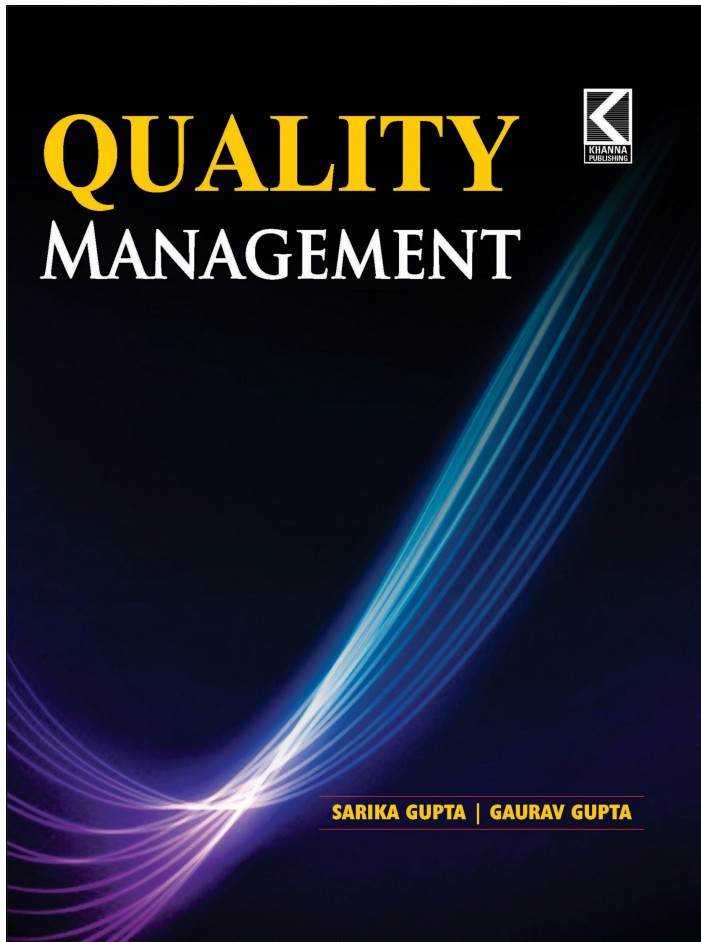
## Authors

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**Prof. C. R. L. Murthy** is currently a Professor at the Department of Aerospace Engineering, Indian Institute of Science, Bangalore. He has more than three decades of experience in teaching and practicing different NDE methods. He has been a pioneer specialized in the field of NDT & E in the country. **Dr. M. R. Bhat** is currently working as Principal Research Scientist at the Department of Aerospace Engineering, Indian Institute of Science, Bangalore. He has more than twenty years of experience in teaching and practicing NDE methods.

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## Quality Management

<b>Author :</b>	Gaurav Gupta
<b>ISBN 13 :</b>	978-93-82609-45-2
<b>ISBN 10 :</b>	93-82609-45-8
<b>E-ISBN 13 :</b>	978-93-82609-45-2
<b>Edition :</b>	1
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	300.00
<b>Year :</b>	2015
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 195.00
<b>Categories :</b>	<a href="#">Computer Science Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

Quality management thinking has influenced a revolution in the way organizations are managed over the past few decades. Idea such as customer focus, ethical management, continuous improvement, Six sigma, leadership and organizational learning have all been impacted by and in some cases developed from this important field. this provides a coherent view of the underlying principles quality management, and how these relate to practical application in a range of organizations. This book is designed to provide an overview of the key elements, important historical context and current debates in the field of quality management. It aims to give a coherent view of the underlying principles of quality management, and how these relate to practical application in a range of organization.



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**Chapter 1:** Introduction. **Chapter 2:** Quality Control in Purchasing. **Chapter 3:** Manufacturing Quality Origins and Principles of Lean Manufacturing. **Chapter 4:** Quality Management Organization Structure and Design. **Chapter 5:** Human Factor in Quality. **Chapter 6:** Control Charts in Quality Management. **Chapter 7:** Attributes Control Charts. **Chapter 8:** Defect Diagnosis. **Chapter 9:** ISO9000. **Chapter 10:** MODEL TEST PAPER. **Chapter 11:** QUESTION BANK.

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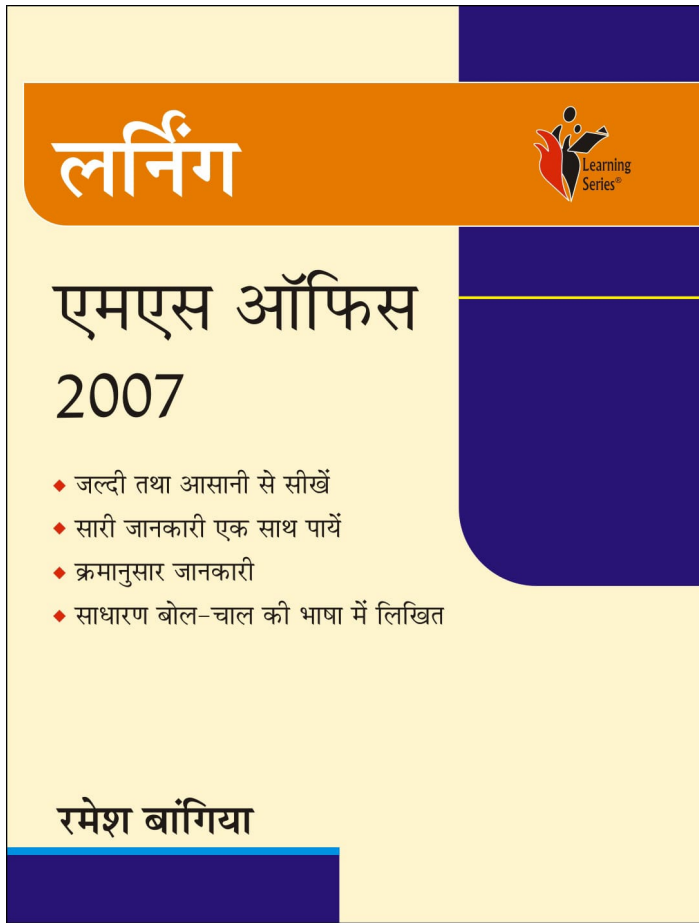
## Authors

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**Gaurav Gupta** Gaurav Gupta is currently working as Manager Client Services in an IT MNC. He has more than Nine years of corporate experience with different MNCs. He has published Research Papers in various international Journals and attended conferences at several states. His area of interest includes Server and Databases, Data Center technologies and IT infrastructure, Project Management, Marketing Automation and different enterprise software's, CRM, ERP etc. **Sarika Gupta** Sarika Gupta is currently working as Assistant Professor in the Department of Computer Science and Engineering at Dronacharya College of Engineering, Greater Noida. She has more than six years of teaching and corporate experience. She has already published Research Papers in various international Journals and conferences of repute. Her area of interest and research includes Ad hoc Network, Java, Object Oriented System and Soft Computing etc.

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## Learning MS Office 2007

<b>Author :</b>	Ramesh Bangia
<b>ISBN 13 :</b>	978-93-80016-54-2
<b>ISBN 10 :</b>	93-80016-54-9
<b>E-ISBN 13 :</b>	978-93-80016-54-2
<b>Edition :</b>	1
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	300.00
<b>Year :</b>	2011
<b>Language :</b>	Hindi
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 225.00
<b>Categories :</b>	<a href="#">BASIC COMPUTER BOOKS,</a> <a href="#">Computer Books - Hindi,</a> <a href="#">Learning Series</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	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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**Chapter 1:** Introduction to Windows Vista. **Chapter 2:** Introduction to Microsoft Word 2007. **Chapter 3:** Introduction to Microsoft Excel 2007. **Chapter 4:** Introduction to Microsoft Power Point 2007. **Chapter 5:** Introduction to Microsoft Access 2007. **Chapter 6:** Keyboard Shortcuts of Microsoft Office 2007. **Chapter 7:** Questions.

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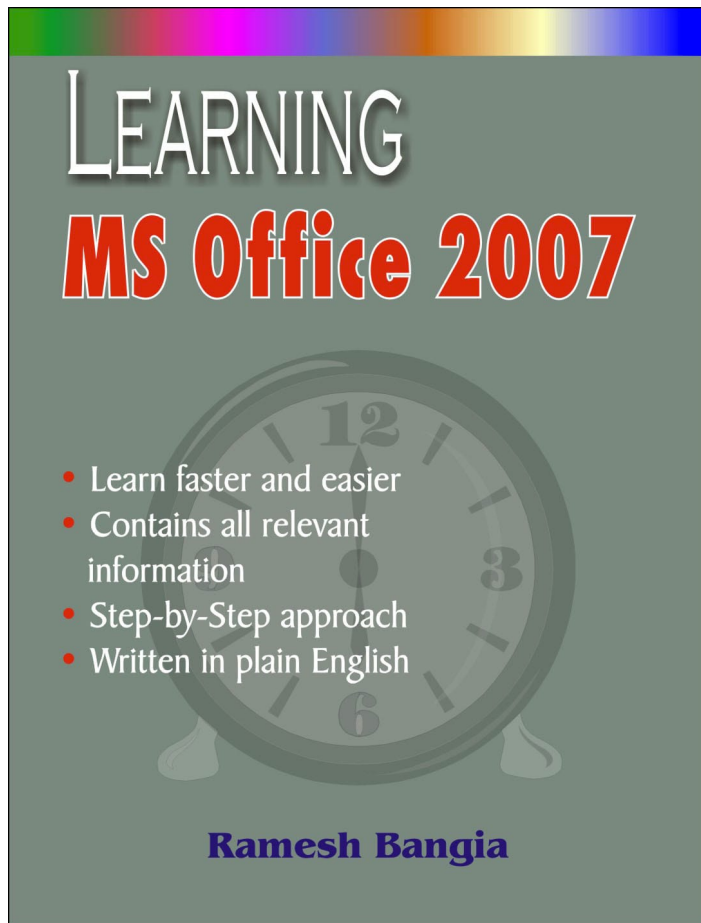
## Author

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**Ramesh Bangia** For the last fifteen years, 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.

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## Learning MS Office 2007

<b>Author :</b>	Ramesh Bangia
<b>ISBN 13 :</b>	978-81-90611-67-1
<b>ISBN 10 :</b>	81-90611-67-4
<b>E-ISBN 13 :</b>	978-81-90611-67-1
<b>Edition :</b>	1
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	300.00
<b>Year :</b>	2015
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 225.00
<b>Categories :</b>	<a href="#">BASIC COMPUTER BOOKS,</a> <a href="#">Learning Series</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	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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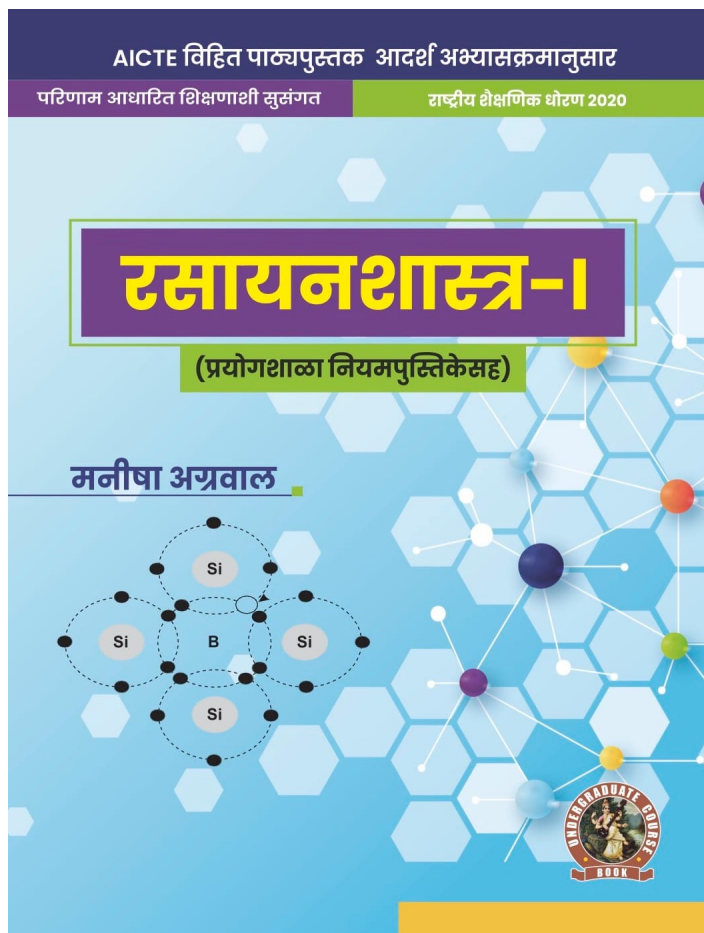
## Author

---

**Ramesh Bangia** For the last fifteen years, 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.

---





## Chemistry-I (with Lab Manual)

<b>Author :</b>	Manisha Agrawal
<b>ISBN 13 :</b>	978-93-55380-16-6
<b>ISBN 10 :</b>	93-55380-1X-
<b>E-ISBN 13 :</b>	978-93-55380-16-6
<b>Edition :</b>	First
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	300.00
<b>Year :</b>	2022
<b>Language :</b>	Marathi
<b>Publisher :</b>	Khanna Publishing House
<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks</a> , <a href="#">Ebooks</a> , <a href="#">Marathi Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

## Product Description

“Chemistry-I” is a compulsory paper for the first year Undergraduate course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education. Book covers seven topics- Atomic and molecular structure, Spectroscopic Technique and applications, Inter-molecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student’s comprehension. Salient Features: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, Projects group discussion etc. 3. Students and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics. 5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. 6. Solved and unsolved problems including numerical examples are solved with systematic steps.



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**Chapter 2:** Spectroscopic Techniques and Applications.

**Chapter 3:** Intermolecular Forces and Potential Energy Surfaces.

**Chapter 4:** Use of Free Energy in Chemical Equilibria.

**Chapter 5:** Periodic Properties.

**Chapter 6:** Stereochemistry and Organic Reactions.

**Chapter 7:** Organic Reactions Synthesis of Drug Molecules.

**Chapter 8:** Annexure.

**Chapter 9:** Appendices.

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## Author

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**Dr. Manisha Agarwal** is Dean, Basic Sciences at Chhattisgarh Swami Vivekanandan Technical University Bilhailai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bilhailai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.



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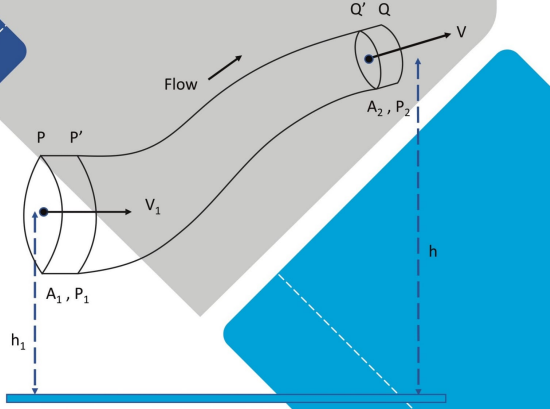
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राष्ट्रीय शैक्षणिक धोरण 2020

# उपयोजित भौतिक शास्त्र-I

(प्रयोगशाळा नियमपुस्तिकेसह)



मीना तलाटी  
विनोद कुमार यादव

## Applied Physics-I (with Lab Manual)

<b>Author :</b>	Mina Talati
<b>ISBN 13 :</b>	978-93-55380-46-3
<b>ISBN 10 :</b>	93-55380-46-1
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## Product Description

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“Applied Physic-I” is a compulsory paper for the first year Diploma course in Engineering & Technology. Syllabus of this books is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concepts of outcome-based education. Book covers six topics- Physical World, Units and Measurements; Force and Motion; Work, Power and Energy; Rotational Motion; Properties of Matter; Heat and Thermometry. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test the student’s comprehension. Some salient features of the book: 1. Content of the book is aligned with the mapping of Course Outcome, Programs Outcomes and Unit Outcomes. 2. Book provides lots of interested facts, QR Code for E-resources, QR Code for use of ICT etc. 3. Students and teacher centric subject materials are included in book with balanced and chronological manner. 4. Figures and tables are inserted to improve clarity of the topics. 5. Short questions, objective questions and long answer exercises of different difficulty levels are given for practice after every chapter. 6. Solved numerical examples are provided with systematic steps in each chapter followed by numerical exercises with hints.

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**Unit 1:** Physical World, Units and Measurements. **Unit2:** Force and Motion. **Unit 3:** Work, Power and energy. **Unit 4:** Rotational Motion. **Unit 5:** Properties of Matter. **Unit 6:** heat and Thermometry. **Annexes Appendices**

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## Author

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**Mina Talati Vinod Kumar Yadav**

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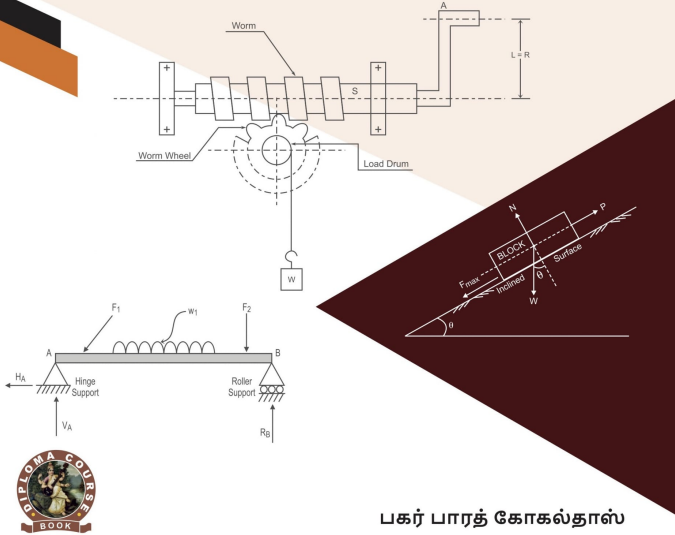
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வினைவு அடிப்படையிலான கல்வியுடன் இயைபு பெற்றது

தேசிய கல்விக் கொள்கை 2020

## இயக்க பொறியியல் மற்றும் செய்முறை

(ஆய்வக கையேட்டுடன்)



பகர் பாரத் கோகல்தாஸ்

## Engineering Mechanics (with Lab Manual)

<b>Author :</b>	B. B. Gokaldas
<b>ISBN 13 :</b>	978-93-91505-32-5
<b>ISBN 10 :</b>	93-91505-32-5
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<b>Edition :</b>	First
<b>Pages :</b>	224
<b>Type of book :</b>	Paperback
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<b>Categories :</b>	<a href="#">AICTE Prescribed Textbooks</a> , <a href="#">Ebooks</a> , <a href="#">Tamil Books</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

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## Product Description

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“Engineering Mechanics with Lab Manual” is a compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE). Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student’s comprehension. Also in each unit the laboratory practical pertaining to unit is included. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc. 3. Student and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, equations and activities are insert to improve clarity of the topics. 5. Objective questions, Short questions and long answer exercise given for practice of students after every unit. 6. Solved and unsolved problems including numerical examples taken with systematic steps.

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**Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and symbols, List of Figures, Guidelines for Teachers, Guidelines for Students, Chapter 1:** Basic of Mechanics and Force System. **Chapter 2:** Equilibrium. **Chapter 3:** Friction. **Chapter 4:** Centroid and Centre of Gravity. **Chapter 5:** Centroid and Centre of Gravity. **Appendix Index**

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## Authors

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**B. B. Gokaldas Vandana Somkuwar**

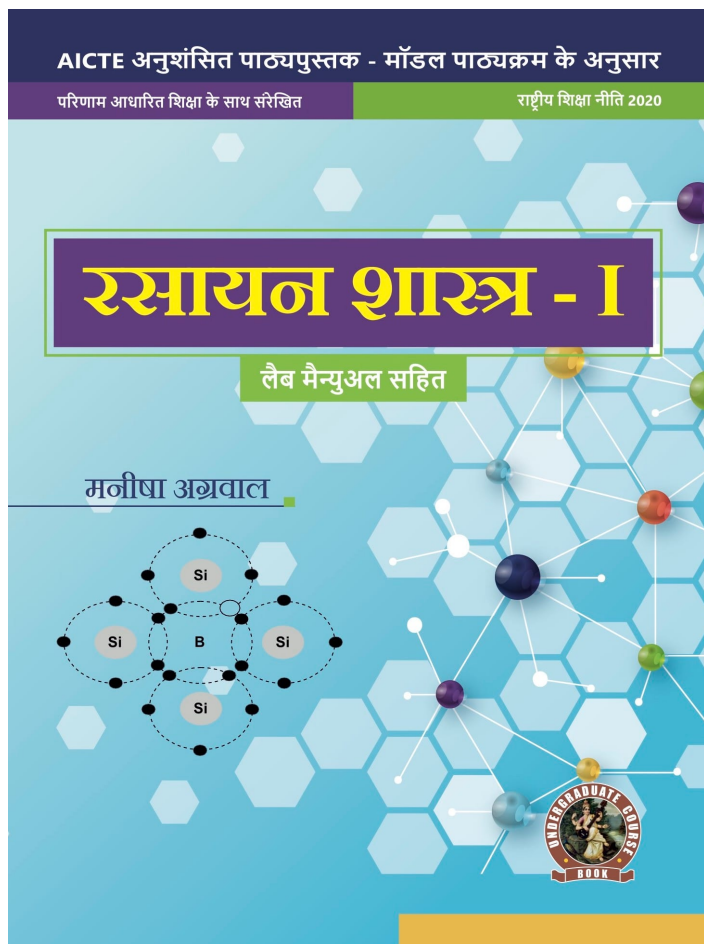
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## Chemistry I (with Lab Manual)

<b>Author :</b>	Manisha Agrawal
<b>ISBN 13 :</b>	978-93-55380-91-3
<b>ISBN 10 :</b>	93-55380-91-7
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## Product Description

“Chemistry-I” is a compulsory paper for the first year Undergraduate course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education. Book covers seven topics- Atomic and molecular structure, Spectroscopic Technique and applications, Inter-molecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student’s comprehension. Salient Features: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, Projects group discussion etc. 3. Students and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics. 5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. 6. Solved and unsolved problems including numerical examples are solved with systematic steps.



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**Guidelines for Students**

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**Chapter 2:** Spectroscopic Techniques and Applications.

**Chapter 3:** Intermolecular Forces and Potential Energy Surfaces.

**Chapter 4:** Use of Free Energy in Chemical Equilibria.

**Chapter 5:** Periodic Properties.

**Chapter 6:** Stereochemistry and Organic Reactions.

**Chapter 7:** Organic Reactions Synthesis of Drug Molecules.

**Chapter 8:** Annexure.

**Chapter 9:** Appendices.

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## Author

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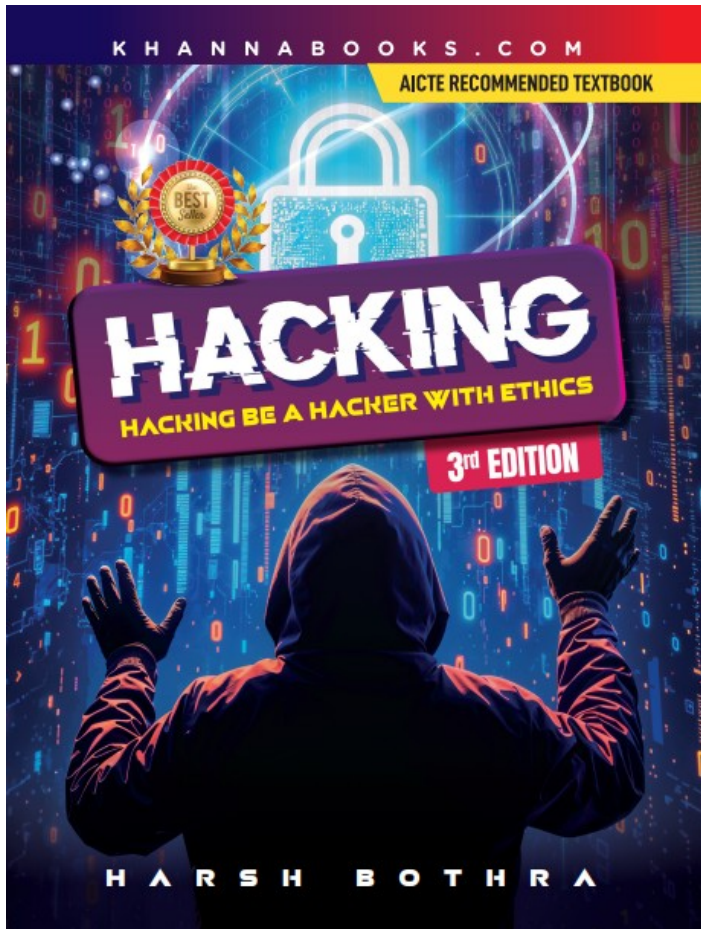
**Manisha Agrawal** Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanand Technical University Bhilai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bhilai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.



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## Hacking (Hacking Be A Hacker With Ethics)

<b>Author :</b>	Harsh Bothra
<b>ISBN 13 :</b>	978-93-55384-57-7
<b>ISBN 10 :</b>	93-55384-57-7
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### Product Description

In today's time where geographical boundaries are easily covered by Internet and computers with click of a button, there are lies risks within the ecosystem. Hacking somebody's details could lead to damages and losses. In this book we have tried to provide a glimpse into the Technology world of the common terms and procedures used by the hackers to intrude into the system. It is a humble effort to make students understand with help of Diagram and Images the procedures through which the vulnerabilities are exploited. It is written in simple and lucid language to be understood by one and all.



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### **PART-A. BASICS OF HACKING**

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### **PART-B. PERFORMING THE HACK**

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**Chapter 7:** Trojans & Backdoors.

**Chapter 8:** Viruses & Worms.

**Chapter 9:** Sniffing, Packet Analysis & Session.

**Chapter 10:** Social Engineering.

**Chapter 11:** Cryptography.

**Chapter 12:** Steganography.

**Chapter 13:** Vulnerability Assessment.

**Chapter 14:** Deep Web & Dark Net.

### **PART-C. ADVANCE HACKING**

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**Chapter 16:** Web Application & Web Server Penetration Testing.

**Chapter 17:** Wireless Network Exploitation.

**Chapter 18:** Additional References.



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## Author

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**Harsh Bothra** is a Computer Science Engineer, Information Security Researcher & Ethical Hacker. He Authored a book Titled Hacking : Be A hacker With Ethics Recommended by MHRD, AICTE & NITTTR, Harsh is a Founder & CEO of Cyber Square info Solutions, Present Chapter Leader of OWASP Bikaner and former OWASP- Jaipur Chapter Lead for more than two years. He has been actively training students across various reputed institutions. Alongside, Harsh also works in developing software & web applications. Harsh has a significant interest in exploring various technical domains and spreading his knowledge through online & offline mediums.

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