

Renewable Energy Technologies

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Product Description

Renewable Energy Technologies The Book “Renewable Energy Technologies” is an up-to-date textbook based on the latest syllabus provided by AICTE. The book begins with the present status of conventional and renewable energy availability and consumption in India and World. It then goes on discussing different types of renewable energy resources like solar PV and concentrated solar power, wind power generation, hydropower plants and biomass-based power plants. Other renewable energy sources such as tidal energy, wave energy, OTEC, geothermal energy, hydrogen energy and fuel cell are also introduced. Practical based on the chapter is also provided at the of every chapter. **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.
- Solved and unsolved problems including numerical examples are solved with systematic steps.

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Author

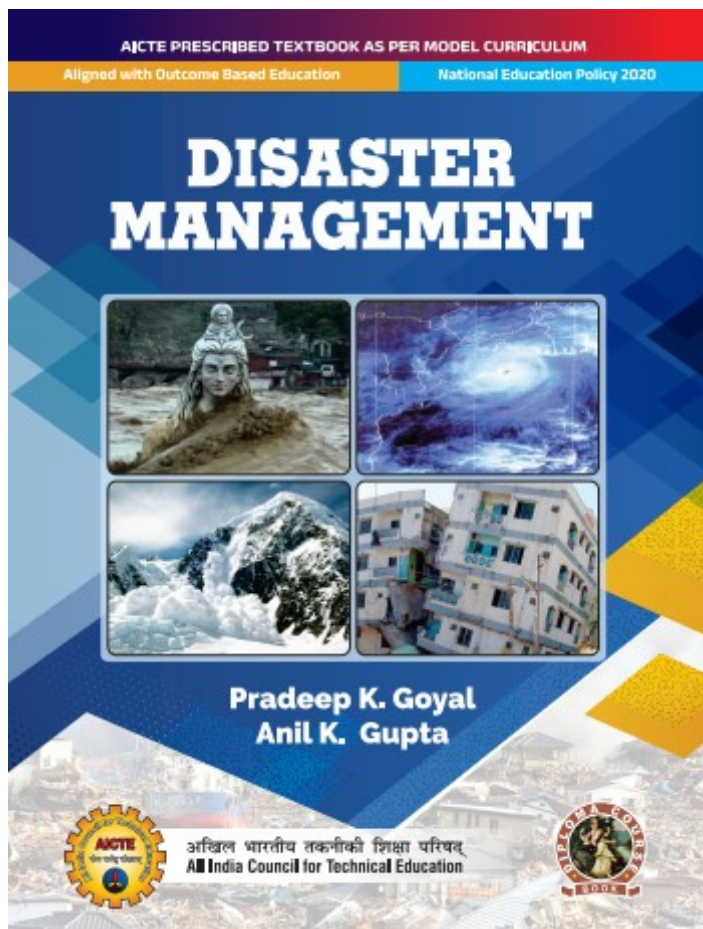
Prof. Sanjay Agrawal Vice Chancellor and Professor Department of Electrical Engineering, Swami Vivekanand Technical University, Bhilai, Chhattisgarh **Dr. Rajeev Kumar Mishra** Associate Professor, Department of Applied Sciences (Physics), Galgotias College of Engineering and Technology, Greater Noida, Uttar Pradesh



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Disaster Management

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Product Description

Disaster Management This book has been written to provide a broad overview of the subject of disaster management for undergraduate students. Main purpose of the book is to help students to understand and develop strategies for effective disaster risk reduction. The main content of this book is aligned with the model curriculum of AICTE followed by the 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 out of him/her after completion that unit.
- Book provides lots of recent information, interesting facts, QR Codes for E-resources, QR Codes for use of ICT, projects, group discussion etc.
- Student and teacher centric subject material included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Short questions, objective questions are long answer exercises are given for practice of students after every chapter.

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- DISASTERS
- DISASTER IMPACTS
- DISASTER RISK REDUCTION
- DISASTERS, ENVIRONMENT AND DEVELOPMENT

CO AND PO ATTAINMENT TABLE INDEX



Author

Dr. Pradeep K. Goyal Assistant Professor, Dept. of Civil Engineering Delhi Technological University Delhi **Prof. Anil Kumar Gupta** Professor (Policy-Planning) HoD, Director of Projects & COE, National Institute of Disaster Management (Ministry of Home Affairs) New Delhi



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മാതൃകാ പാഠ്യപദ്ധതി പ്രകാരം AICTE നിർദ്ദേശിച്ച പാഠപുസ്തകം

ഫലാധിഷ്ഠിത പാഠ്യപദ്ധതി

ദേശീയ വിദ്യാഭ്യാസ നയം 2020

എഞ്ചിനീയറിംഗ് വർക്ക്ഷോപ്പ് പ്രാക്ടീസ്



എ. കെ. ശരതെ

Engineering Workshop Practice

Author : A. K. Sarathe
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E-ISBN 13 : 978-93-55381-85-9
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[Ebooks](#), [Malayalam Books](#)
Condition Type : New
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Product Description

“ Engineering Workshop Practice Manual” is a common paper for the first year Diploma 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. Engineering Workshop Practice manual covers five units- First unit deals with the carpentry, second unit is about fitting , third unit focuses on welding, fourth units discusses about sheet metal working and the fifth unit deals with electrical house wiring . The manual comprises of total seventeen workshop practical from P1 to P17 and the same are arranged in hierarchical manner from simple to complex so that students should not only focus on completing the practical and getting the marks/ grades but will also be motivated to create useful products incorporating their creative and critical thinking as well. Some salient features of the book: 1. Content of the manual aligned with the mapping of Course Outcomes, Programs Outcomes and practical outcomes. 2. Relevant theory has been included at the beginning of each practical. 3. The manual has been developed to ensure alignment with the Outcome Based Education philosophy and consisting of total seventeen workshop practical. 4. Unit wise practical are arranged in hierarchical manner from simple to complex. 5. Manual provides recent information and QR Code for E-resources etc. 6. Figures, photographs and table are inserted to improve clarity of the content.



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Foreword,

Acknowledgement,

Preface,

Outcome Based Educations,

Course Outcomes,

Abbreviations and Symbols,

List of Figures,

List of tables Guidelines for Teachers,

Guidelines for Students

UNIT 1: Carpentry.

UNIT 2: Fitting.

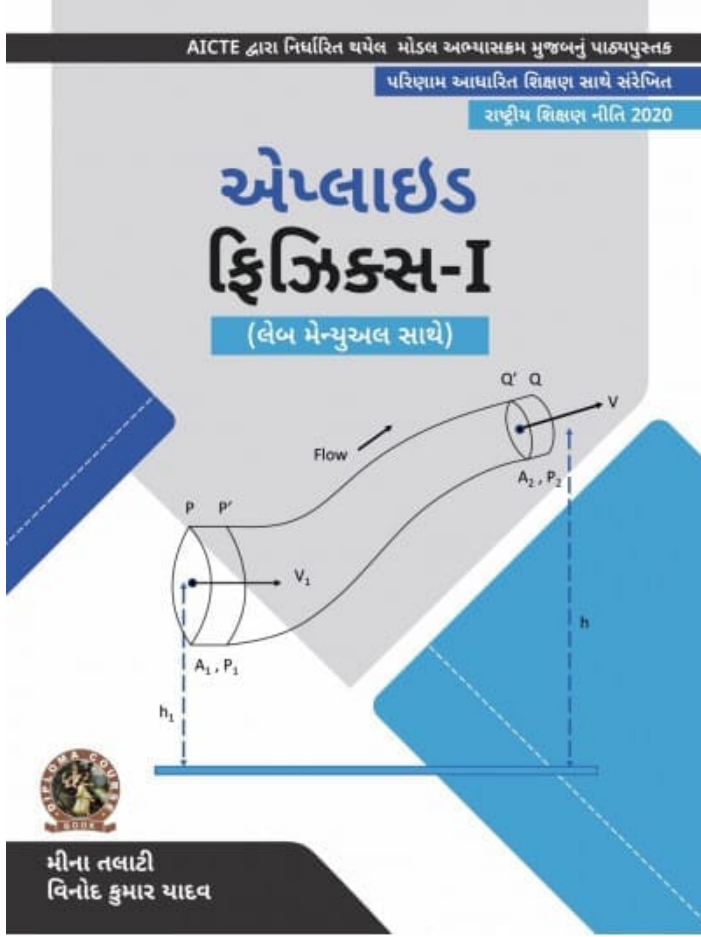
UNIT 3: Welding Tools and Equipment.

UNIT 4: Sheet Metal Working.

UNIT 5: Electrical House wiring.

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Applied Physics-I (with Lab Manual)

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Publisher :	Khanna Publishing House
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SKU :	1725623623
Condition Type :	New
Country Origin :	India

Product Description

“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.

Unit 2: Force and Motion.

Unit 3: Work, Power and energy.

Unit 4: Rotational Motion.

Unit 5: Properties of Matter.

Unit 6: heat and Thermometry.

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Authors

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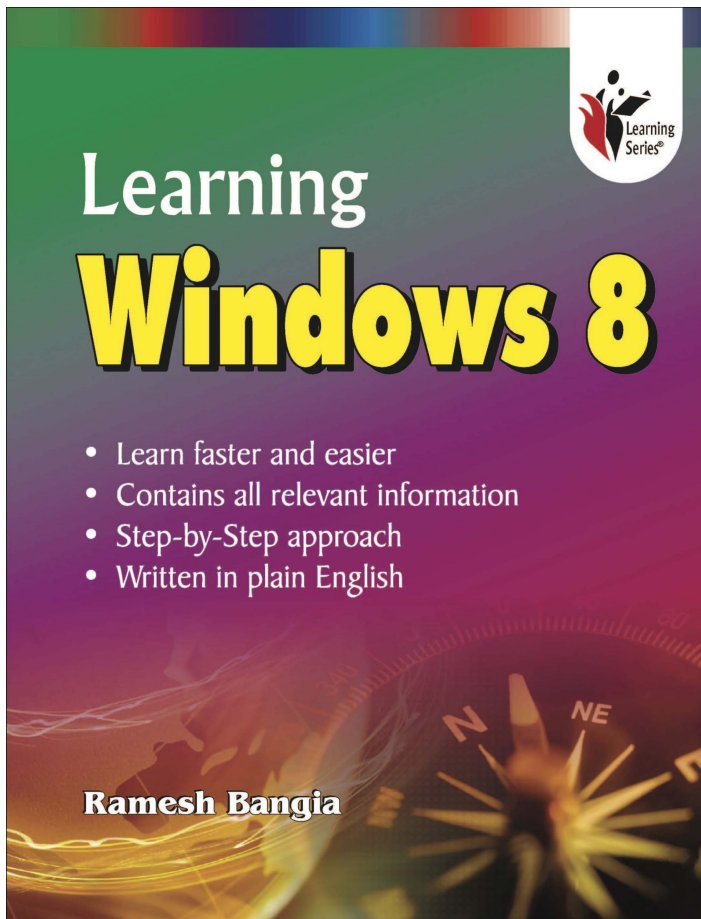
Mina Talati



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Learning Windows 8

Author :	Ramesh Bangia
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E-ISBN 13 :	978-93-82609-18-6
Edition :	1
Pages :	200
Type of book :	Paperback
Weight (g) :	280.00
Year :	2014
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	BASIC COMPUTER BOOKS, Learning Series
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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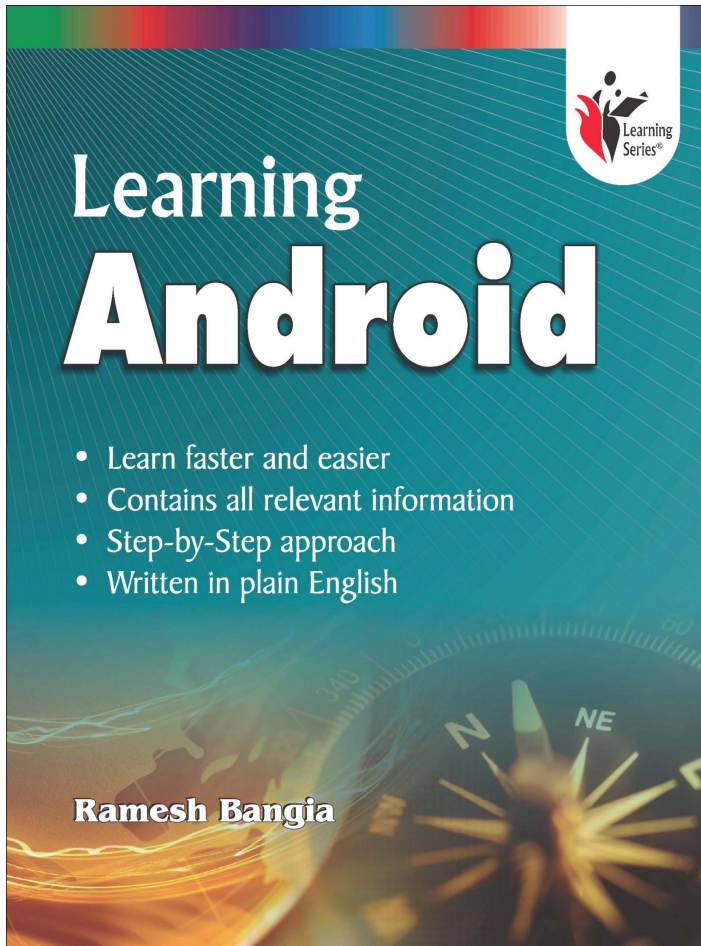
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Chapter 1 : Exploring Windows 8. **Chapter 2**: Getting Started With Windows 8. **Chapter 3**: Using Sky Drive With Windows 8. **Chapter 4** : Using Search Engine. **Chapter 5**: Personalizing Your Start Screen. **Chapter 6**: Desktop & Managing Files. **Chapter 7**: Personalizing Your Windows. **Chapter 8**: Using Internet Explorer. **Chapter 9**: The Music & Video Application. **Chapter 10**: Managing User Accounts & Parental Controls. **Chapter 11**: Security & Maintenance. **Chapter 12**: Keyboard Shortcuts Of Windows 8. **Chapter 13**: Questions.

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.





Learning Android

Author :	Ramesh Bangia
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Language :	English
Publisher :	Khanna Publishing House
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Condition Type :	New
Country Origin :	India

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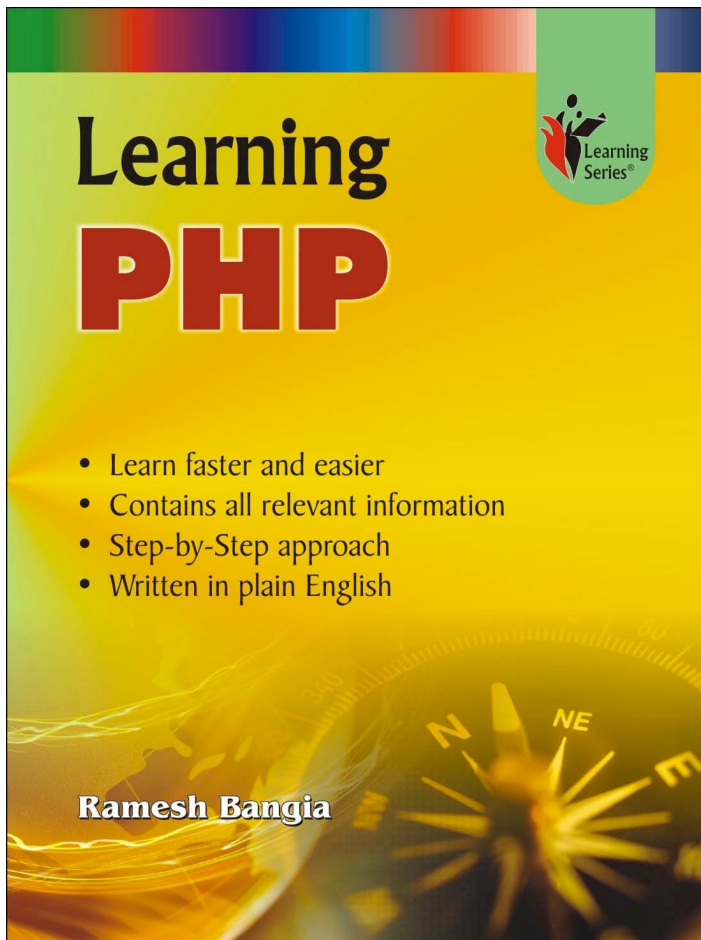
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Chapter 1: Introduction to Android. **Chapter 2:** Introduction to Android Project. **Chapter 3:** Creating an Application using XML. **Chapter 4:** Working with Tablets. **Chapter 5:** Data Stores and Services. **Chapter 6:** Services. **Chapter 7:** Android Capabilities. **Chapter 8:** Application Environments. **Chapter 9:** Questions.

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.





Learning PHP

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Product Description

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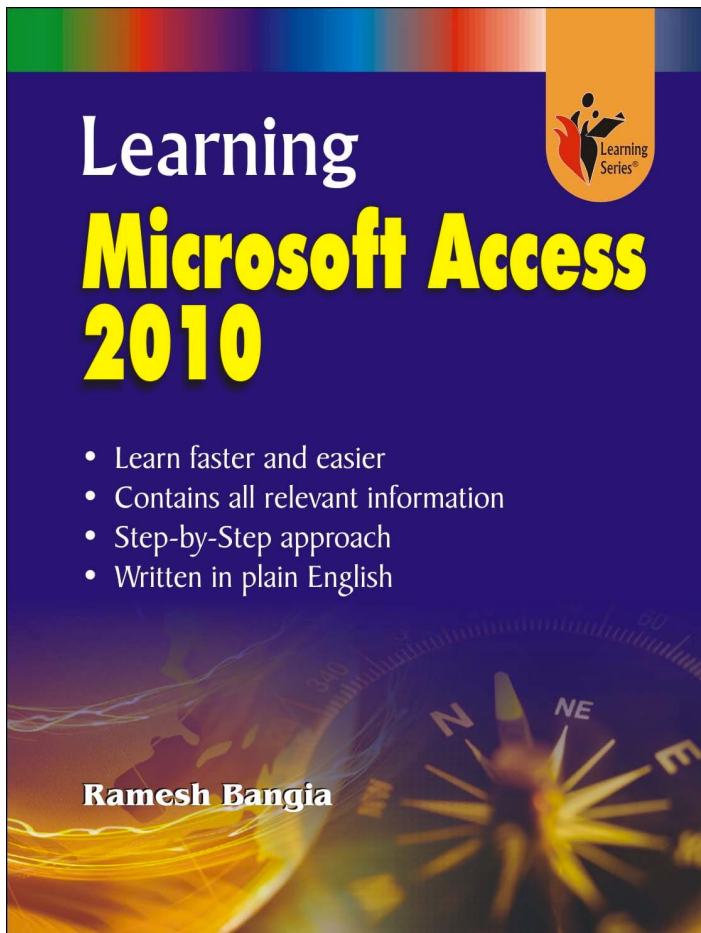
Table of Contents

Chapter 1: What's New in PHP. **Chapter 2:** Introduction to PHP. **Chapter 3:** PHP Basics - Variables. **Chapter 4:** PHP Basics - Expressions, Functions and Operators. **Chapter 5:** PHP and HTML. **Chapter 6:** PHP and MySQL Database. **Chapter 7:** Working with multiple pages. **Chapter 8:** Questions.

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.





Learning Microsoft Access 2010

Author :	Ramesh Bangia
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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. Microsoft access 2010 is a database program especially for the users who have to work on database, their creation, editing and then working on it to get the most out of the data. Each factor of database, like Table, Query, Form, etc, are dealt with in details. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Creation of each like database, table, form etc, has been explained extensively. Tips for working faster using the keyboard shortcuts are also provided.



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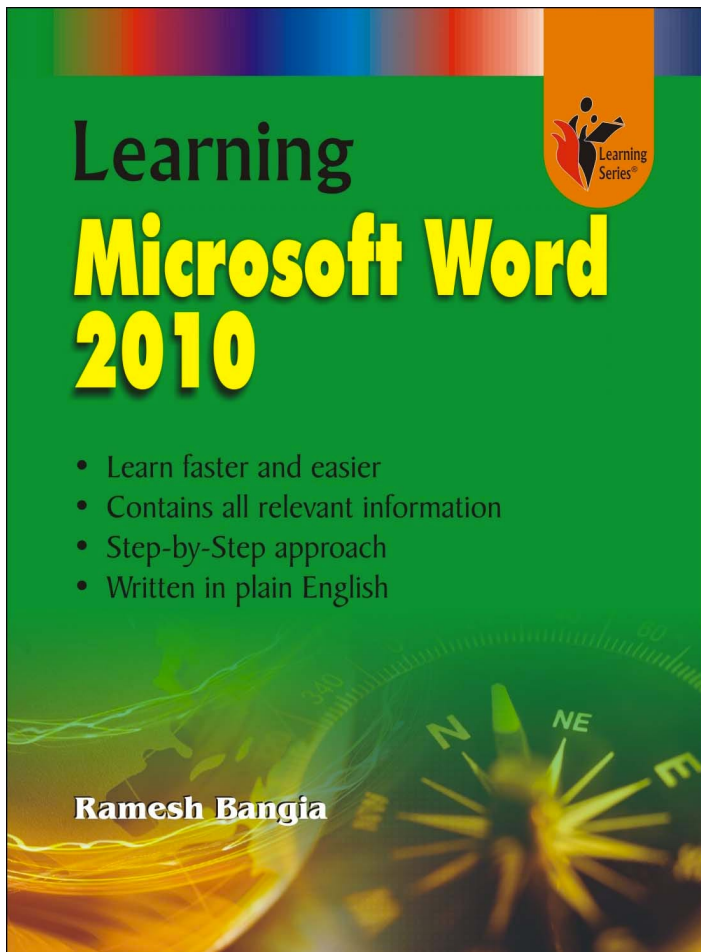
Table of Contents

Chapter 1: Introduction to Microsoft Office 2010. **Chapter 2:** What's New in Microsoft Access 2010. **Chapter 3:** Introduction to Relational Database. **Chapter 4:** Creating a Database in Microsoft Access 2010. **Chapter 5:** Creating a Table in Microsoft Access 2010. **Chapter 6:** Creating a Form in Microsoft Access 2010. **Chapter 7:** Creating a Query in Microsoft Access 2010. **Chapter 8:** Creating a Report in Microsoft Access 2010. **Chapter 9:** Expressions in Microsoft Access 2010. **Chapter 10:** Microsoft Access 2010 Specifications. **Chapter 11:** Keyboard Shortcuts of Microsoft Access 2010. **Chapter 12:** Questions.

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.





Learning Microsoft Word 2010

Author :	Ramesh Bangia
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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. Microsoft word 2010 is a word processing program used for creating letter, e-mail, office memos, brochures, fax messages, etc. This book explains the working of the software in details especially in the case of mail Merge, Table of contents, header and footer, page breaks, etc. each command of the various panels are explained in details. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Mail merge has been explained with a live example. Tips for working faster using the keyboard shortcuts are also provided.



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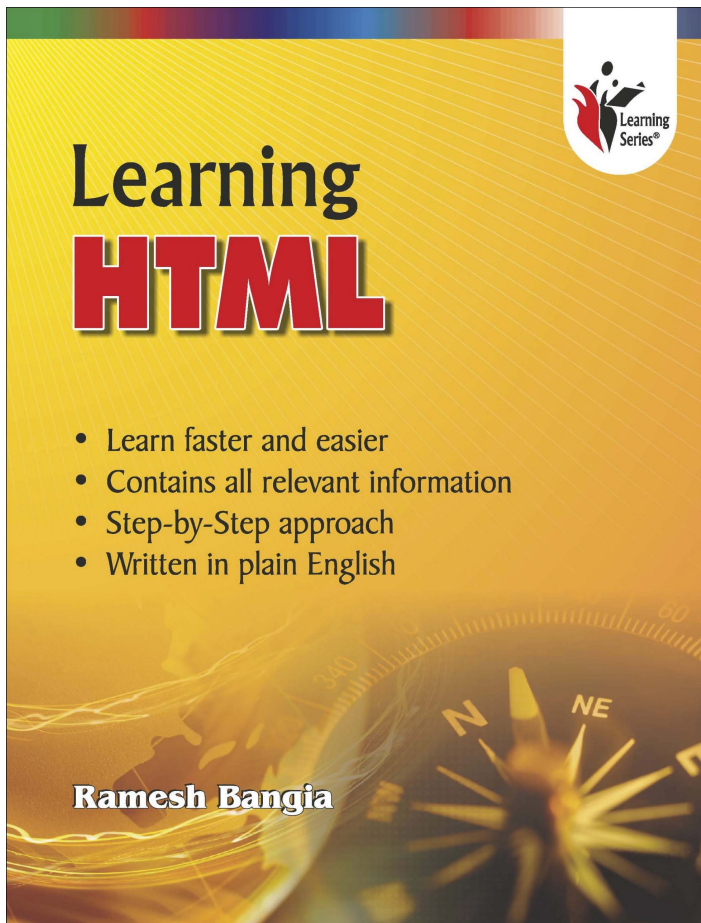
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Chapter 1: Introduction to Microsoft Office 2010. **Chapter 2:** Introduction to Microsoft Word 2010. **Chapter 3:** Working with a Document in Microsoft Word 2010. **Chapter 4:** Customizing Microsoft Word 2010. **Chapter 5:** Mail Merging Documents in Microsoft Word 2010. **Chapter 6:** Working with Longer Documents in Microsoft Word 2010. **Chapter 7:** Creating Tables in Microsoft Word 2010. **Chapter 8:** Working with Graphics and Charts in Microsoft Word 2010. **Chapter 9:** Additional Commands of Microsoft Word 2010. **Chapter 10:** Keyboard Shortcuts of Microsoft Word 2010. **Chapter 11:** Questions.

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.





Learning HTML

Author :	Ramesh Bangia
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Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	BASIC COMPUTER BOOKS, Learning Series
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Product Description

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Chapter 1: Introduction to HTML 5. **Chapter 2:** What's new in HTML 5. **Chapter 3:** Working with HTML 5. **Chapter 4:** New Attributes and Events in HTML 5. **Chapter 5:** HTML 5 Form Elements. **Chapter 6:** HTML 5 Form Attributes. **Chapter 7:** HTML 5 Event Attributes. **Chapter 8:** HTML 5 Audio/Video Methods. **Chapter 9:** Canvas 2D. **Chapter 10:** HTML 5 Tags. **Chapter 11:** Questions.

Author

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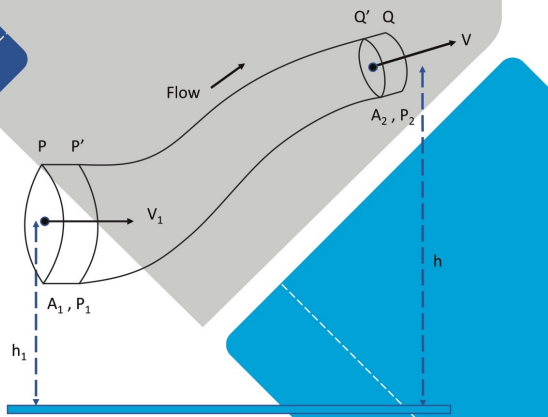
AICTE PRESCRIBED TEXTBOOK AS PER MODEL CURRICULUM

Aligned with Outcome Based Education

National Education Policy 2020

APPLIED PHYSICS-I

(with Lab Manual)



Mina Talati
Vinod Kumar Yadav

Applied Physics I (with Lab Manual)

Author :	Mina Talati
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E-ISBN 13 :	978-93-91505-43-1
Edition :	First
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Country Origin :	India



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Authors

V. K. Yadav

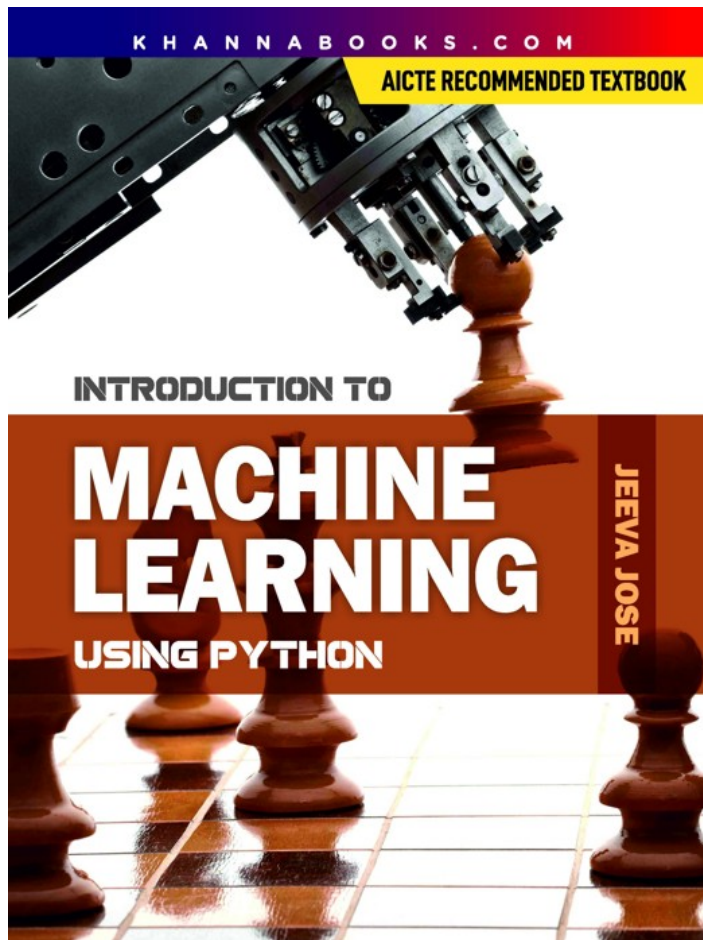
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Introduction to Machine Learning

Author :	Jeeva Jose
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Chapter 1: Introduction to Machine Learning. **Chapter 2:** Regression. **Chapter 3:** Classification. **Chapter 4:** Cluster Analysis. **Chapter 5:** Advance Multivariate Analysis. **Chapter 6:** Semi-supervised, Reinforcement & Active Learning. **Chapter 7:** Deep Learning. **Chapter 8:** Introduction to TensorFlow. **Chapter 9:** Regression using TensorFlow. **Chapter 10:** Artificial Neural Networks using TensorFlow.



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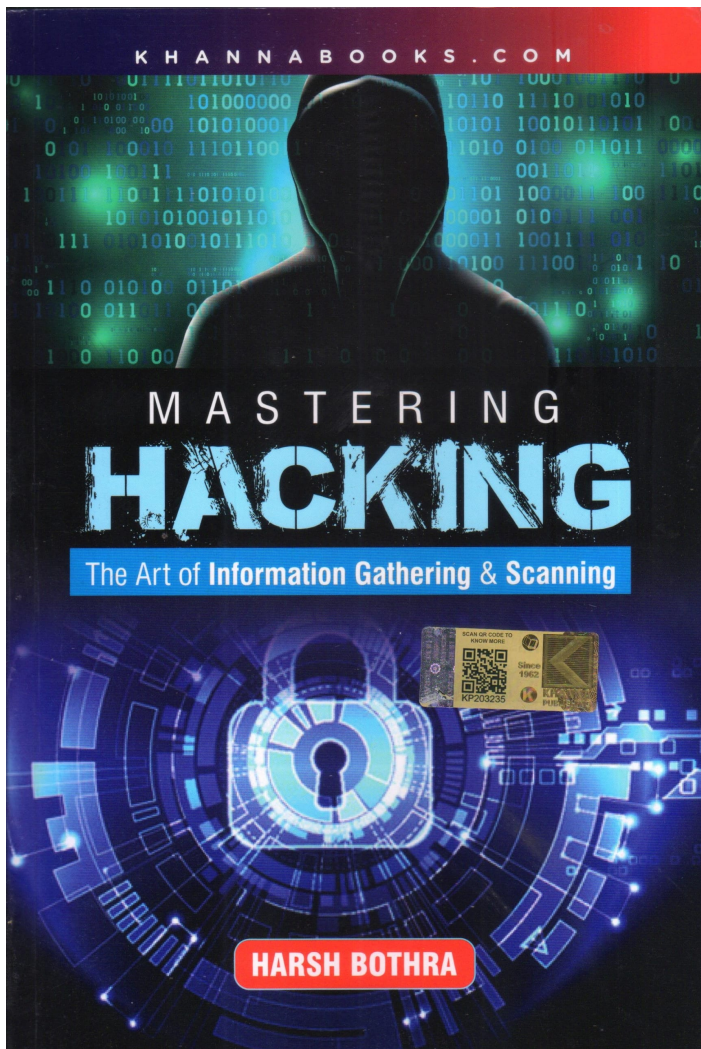
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Mastering Hacking (The Art of Information Gathering & Scanning)

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Product Description

We are exponentially adapting the digital era and moving our business, daily lifestyle and activities towards the world of internet. Digital Assets are continuously increasing, and thus, there is a massive requirement of securing digital assets and protecting information. Especially the young generation is getting much involved in social media and are quickly get into online frauds and scams, which sometimes leads to sever crimes and suicide. According to the survey, a considerable amount of youth is a common heard cases are image morphing, sharing private video, spreading adult content and blackmailing over such things. There are many companions stated about protecting sensitive data to aware of the general public. Digital assets, Privacy, Information & Data, is also a concern of national security. The war is of data these days, and we are hearing a massive data breaches, especially from the year 2018. The most famous companies like facebook. UIDAI got the victim of the massive data breach. Between all this, along with the general awareness of the security practices and protection strategies in the general public, we require to prepare them wit better practices to learn cyber security & defence mechanism which would help them to protect against thefts, frauds and aware other in turn Cyber Security is the art of Digital Self Defence, the more you practice, the safer you become. This book aims towards providing the best practices and methodology in the simplified approached, which would help both the technical and non-technical reader to learn and apply effectively. All the methods used are for the defence purpose and didn't intend to spread unethical activities. Through this book, you would be able to learn about the modern Penetration Testing Framework, latest tools and techniques, discovering vulnerabilities, patching vulnerabilities, responsible disclosures and protection assets over the network. this book tells about the uses and real-life applications of various techniques in depth, and this acts as a handbook for your concrete step in information security.

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Harsh Bothra 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.

