

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

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## **Product Description**

Engineering Physics: Introduction to Electromagnetic Theory has been written for the first year students of B. Tech Engineering Degree Courses of all Indian Universities following the guideline and syllabus as recommended by AICTE. The book, written in a very simple and lucid way, will be very much helpful to reinforce understanding of different aspects to meet the engineering student's needs Writing a text-cum manual of this category poses several challenges providing enough content without sacrificing the essentials, highlighting the key features, presenting in a novel format and building informative assessment. This book on engineering physics will prepare students to apply the knowledge of Electromagnetic Theory to tackle 21st century and onward engineering challenges and address the related questions. Some Salient Features of the Book: · Expose basic science to the engineering students to the fundamentals of physics and to enable them to get an insight of the subject. · To develop knowledge on critical questions, solved and supplementary problems covering all types of medium and advanced level problems in a very logical and systematic manner. · Some essential information for the users under the heading "know More" for clarifying some basic · Information as well as comprehensive synopsis of formulae for a quick revision of the basic principles. · Constructive manner of presentation so that an Engineering degree students can prepare to work in different sector or in national laboratories at the very forefront of technology.



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## **Table of Contents**

SINCE 1962

Foreword
Acknowledgement
Preface
Outcome Based Education
Course Outcomes
Abbreviations and Symbols
List of Figures
Guidelines for Teacher
Guidelines for Students
Unit 1: Electrostatics in Vacuum.
Unit 2: Electrostatics in Linear Dielectric Medium.
Unit 3: Magnetostatics.
Unit 4: Magnetostatics in Linear Dielectric Medium.
Unit 5: Faraday's Law.
Unit 6: Maxwell's Equations.
Unit 7: Electromagnetic Waves.
Table of Physical Constants
Appendices
Annexures
References for Further learning
CO and PO attainment Table
Index

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### Author

#### A. B. Bhattacharya

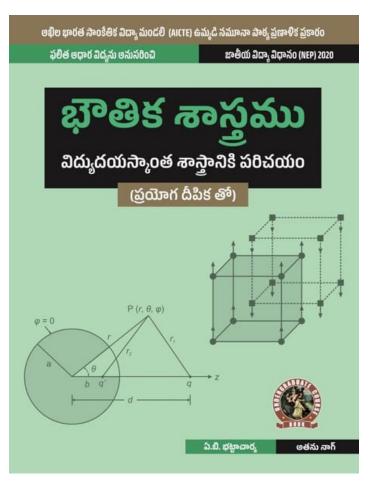
Prof. A. B. Bhattacharya, Pro-Vice-Chancellor of JIS University, did his M. Sc. and Ph. D. degree in Physics from the University of Calcutta. He did his Post-doc from the Massachusetts Institute of Technology, USA and subsequently joined in the Department of Physics, Kalyani University. He has published 256 Research papers in high-impact Journals and over 150 proceeding papers in conferences. He has successfully guided 24 scholars for their Ph.D. and has written a large number of invited articles in many Journals. He is the author of 29 textbooks written for engineering and science students and also for general readers from many reputed publishers like Infinity Science Press, Taylor & Francis, etc. International Institute of Success Awareness honored him with their most coveted Institutional and globally reputed "Glory of India Gold Medal" for remarkable contributions to India's national prestige. He is a Life Fellow of the Institution of Electronics and Telecommunication Engineers.

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



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# Physics (Introduction to Electromagnetic Theory) with Lab Manual

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## **Table of Contents**

Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Abbreviations and Symbols List of Figures Guidelines for Teacher Guidelines for Students Unit 1: Electrostatics in Vacuum. Unit 2: Electrostatics in Linear Dielectric Medium. Unit 3: Magnetostatics. Unit 4: Magnetostatics in Linear Dielectric Medium. Unit 5: Faraday's Law. Unit 6: Maxwell's Equations. Unit 7: Electromagnetic Waves. Table of Physical Constants Appendices Annexures References for Further learning CO and PO attainment Table Index



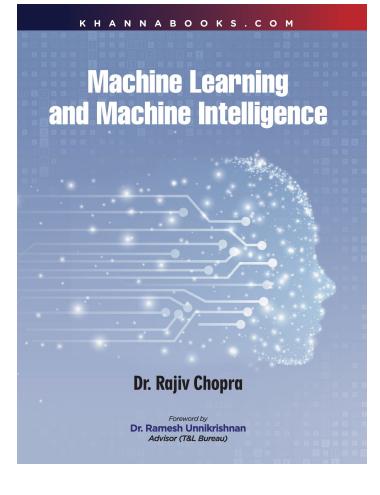
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## **Authors**

**Prof. A. B. Bhattacharya**, Pro-Vice-Chancellor of JIS University, did his M. Sc. and Ph. D. degree in Physics from the University of Calcutta. He did his Post-doc from the Massachusetts Institute of Technology, USA and subsequently joined in the Department of Physics, Kalyani University. He has published 256 Research papers in high-impact Journals and over 150 proceeding papers in conferences. He has successfully guided 24 scholars for their Ph.D. and has written a large number of invited articles in many Journals. He is the author of 29 textbooks written for engineering and science students and also for general readers from many reputed publishers like Infinity Science Press, Taylor & Francis, etc. International Institute of Success Awareness honored him with their most coveted Institutional and globally reputed "Glory of India Gold Medal" for remarkable contributions to India's national prestige. He is a Life Fellow of the Institution of Electronics and Telecommunication Engineers. **Dr. Atanu Nag** did his M. Sc. in 2007 and Ph. D. in 2013 from the University of Kalyani. He has published over 50 Journal papers and 5 books for Science & Engineering students. Presently he is the Head and Associate Professor in the Department of Physics, Modern Institute of Engineering & Technology, Hooghly, West Bengal.



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# Machine Learning And Machine Intelligence

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# **Product Description**

Machine learning and Machine Intelligence is a complete book to read and perform practical in computer labs. Just reading theory cannot make you perform the practical(S). The present book is the composition of both, for the convenience of the students. Many of the Degrees or Diplomas or Certification Programs are being conducted in Machine Learning and Machine Intelligence fields. But it has become difficult for software companies to separate chaff from the grain. This book is an excellent guide for aspiring Data Science professionals and a valuable resource bank to perform experiments in AIDS and AIML branches. Salient Feature: 1. Includes numerous illustrative examples to understand and perform the practical easily. 2. Demonstrates every experiment in a systematic and good programming style. 3. Students of all branches- B.E/ B. Tech. in CSE/IT/ECE, B. Tech. in AIML Branch, B. Tech. In AIDS Branches as well as B. Tech in CS (DS) and CS (ML) branches will be benefitted from this art.



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## TABLE OF CONTENTS

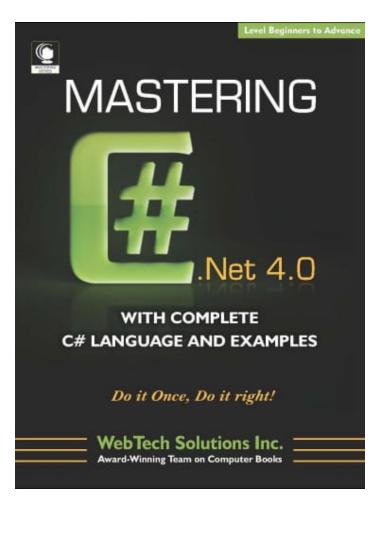
**Chapter 1:** Introduction to Machine and Deep learning. Chapter 2: Types of Learning. Chapter 3: Classification Families. Chapter 4: Learning Algorithms. Chapter 5: Unsupervised Learning and their Algorithms. **Chapter 6:** Reinforcement Learning and Control. Chapter 7: IOT and Machine Learning. Chapter 8: Project 1: Object Detection and Smudging Using Gradient Descent. Chapter 9: Project 2: Spam Filtering based on Text Classification Using Machine Learning Algorithms. Appendices-A: Glossary. **Appendices-B:** Some Important Question for Revision. Lab Manual of Machine Learning **Experiments** Suggested List of ML Projects References Index

## Authors

Dr. Rajiv Chopra as Doctorate (Ph. D. Computer Science) in Computer Science from Banasthali VidyaPith University. Also he has M. Tech. (IT) from Guru Gobind Singh Indraprashta University, Delhi. He is MIT and BE in Computer Science Engineering. The author has 30 books to his credit. He has published several research papers in Refereed International Journals and Refereed Conferences. Also the author is the life member of CSI, ISTE and CEGR. Also he is the reviewer of America Journal of AI. The author is diligent, ebullient and inquisitive Associate Professor in department of Computer Science Engineering at GTBIT Delhi. He has more than 20 years of teaching experience. He has demonstrated great technical insight which exemplifies his profound knowledge of Computer Science. His innovative solutions to the problems, determination and work ethics are few of his attributes to endorse. His propensity to grasp the concepts of ML has simplified the book. The author has shown a right blend of aptitude, merit and determination.



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# Mastering C# 4.0 (With Complete C# Language and Examples)

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## **Product Description**

Web Tech solutions Inc. is one of the pioneers of the technology industry. Web Tech solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best way to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence; excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers. By way of this book, Mastering C# has become faster and easier as all the relevant information and step-by-step approach has been followed in simple plain English. It is designed very systemically and logically. The basic concepts have been taught in-depth with lots of examples and screen shots. A large number of unsolved as well as



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## **Table of Contents**

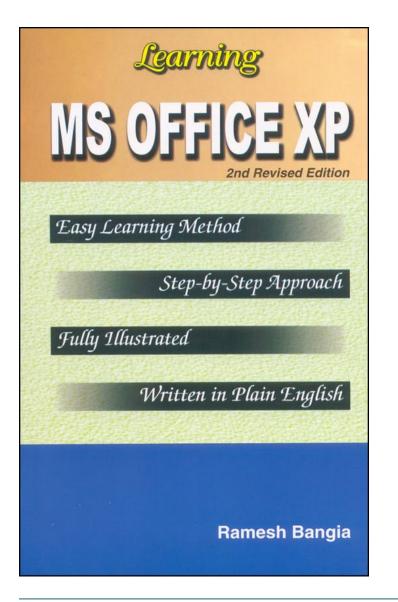
Chapter 1: Introduction to C# 4.0. Chapter 2: Introducing Classes and Objects. Chapter 3: Arrays and Strings.
Chapter 4: Operator Overloading. Chapter 5: String and controls in C#. Chapter 6: Inheritance in C#. Chapter 7: Exception Handling. Chapter 8: Using Input/Output. Chapter 9: Strings & Formatting. Chapter 10: Multi thread
Programming. Chapter 11: Collections, Enumerators and Iterators.

## Author

**WebTech Sol.** WebTech Solutions Inc. is one of the pioneers of the technology industry. Webtech Solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best ways to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence: excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers.



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# Learning MS Office XP

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## **Product Description**

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



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## **Table of Contents**

Chapter 1: Introduction to Microsoft Office XP. Chapter 2: Speech and Handwriting. Chapter 3: Creating
Document in Word 2002. Chapter 4: Proofing Your Document. Chapter 5: Working with Longer Document. Chapter 6: Creating Document Using Wizards. Chapter 7: Additional Commands of Word 2002. Chapter 8: Using Drawing
Tools in Word 2002. Chapter 9: Using Mail Merge in Word 2002. Chapter 10: Creating a Worksheets in Excel 2002.
Chapter 11: Advanced Techniques of Excel 2002. Chapter 12: Working with Charts in Excel 2002. Chapter 13:
Creating a Database Using the Wizard in Access 2002. Chapter 14: Working with Tables in Access 2002. Chapter 15: Working with Reports. Chapter 16: Creating Presentation Using Auto Content in Power Point. Chapter 17:
Creating New Presentation. Chapter 18: Creating Presentation from Template. Chapter 19: Working on
Presentations. Chapter 20: Working in Slide Sorter View. Chapter 21: Making Slide Shows. Chapter 22: Creating a
Web Page using Wizard of Front Page 2002. Chapter 23: Creating a Web Page Using Template of Front Page 2002.
Chapter 24: 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 Ease and African countries.



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