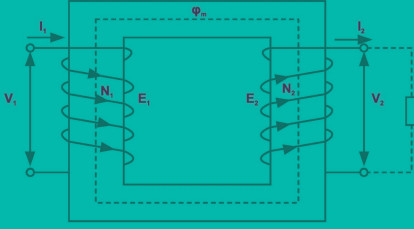


ಮಾದರಿ ಪಠ್ಯಪ್ರಮದ ಅನುಸಾರ ಎಐಸಿಟಿಇ ಶಿಫಾರಸು ಮಾಡಿರುವ ಪಠ್ಯಪುಸ್ತಕ  
ಫಲಿತಾಂಶ ಆಧಾರಿತ ಶಿಕ್ಷಣದೊಂದಿಗೆ ಹೊಂದಿಸಲಾಗಿದೆ  
ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿ 2020

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ಇಂಜಿನಿಯರಿಂಗ್  
(ಲ್ಯಾಬ್ ಕೈಪಿಡಿಯೊಂದಿಗೆ)



ಸೂಸನ್ ಎಸ್. ಮ್ಯಾಥ್ಯೂ  
ಸಾಜಿ ಟಿ. ಚಾಕೋ

## Fundamentals of Electrical and Electronics Engineering (with Lab Manual)

<b>Author :</b>	Saji T. Chacko
<b>ISBN 13 :</b>	978-93-55380-13-5
<b>ISBN 10 :</b>	93-55380-13-5
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## Product Description

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“Fundamentals of Electrical & Electronics Engineering” is a compulsory 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. Books covers six topics- Overview of Electronics Components and Signals. Overview of Analog Circuits. Overview of Digital Electronics, Electric and magnetic Circuits, A.C. Circuits and Transformer and Machines. Each topic is written in easy and lucid manner. A set of exercises at the end of each unit to test the student’s comprehension is provided. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. The practical applications of the topics are discussed along with micro projects and activities for generating further curiosity as well as improving problem solving capacity. 3. Book provides lots of vital facts, concepts, principles and other interesting information. 4. QR Codes of video resources and websites to enhance use of ICT for relevant supportive knowledge have been provided. 5. Student and teacher centric course materials included in book in balanced manner. 6. Figures, tables, equations and comparative charts are inserted to improve clarity of the topics. 7. Objective questions and subjective questions are given for practices of students at the end of each unit. Solved and unsolved problems including numerical examples are solved 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, Unit 1:** Overview of Electronic Components and Signals. **Unit 2:** Overview of Analog Circuits. **Unit 3:** Overview of Digital Electronics. **Unit 4:** Electric and Magnetic Circuits. **Unit 5:** AC Circuits. **Unit 6:** Transformer and Machines. **Appendices Answer to Objective Questions Reference for Further Learning Co and PO Attainment Table Index**

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**Susan S. Mathew. Saji T. Chacko**

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## Introduction to IT Systems (with Lab Manual)

<b>Author :</b>	Prashant Joshi
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<b>Condition Type :</b>	New
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## Product Description

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“INTRODUCTION TO SYSTEMS” is a compulsory paper for the first year Diploma 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 five units- Internet Skills and Computer Basics, Operating Systems, HTML and CSS, open Office Tools. And information Security Best Practices. Each topic in units is written in each and lucid manner. Every unit contains a set of exercise at the end of each unit to test student’s comprehension. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes. 2. Practical are included with each unit for better understanding of the theoretical concepts. 3. Book Provides interesting facts and various activities pertaining to topic. QR Codes are used for additional E-resources, use of ICT, online code editors, online quiz etc. 4. Student and teacher centric subject materials included in balanced and chronological manner. 5. Figures, tables, source code for web programming, numerous examples and applications are included to improve clarity of the topics. 6. Objective questions, subjective questions and crossword exercise are given for practice of students after every chapter.



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**Acknowledgement,**

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**Outcome Based Educations,**

**Course Outcomes,**

**List of Abbreviations**

**List of Figures,**

**Guidelines for Teachers,**

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**UNIT 2:** Operating Systems.

**UNIT 3:** HTML AND CSS.

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**Annexure**

**Appendices**

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**Prashant Joshi**

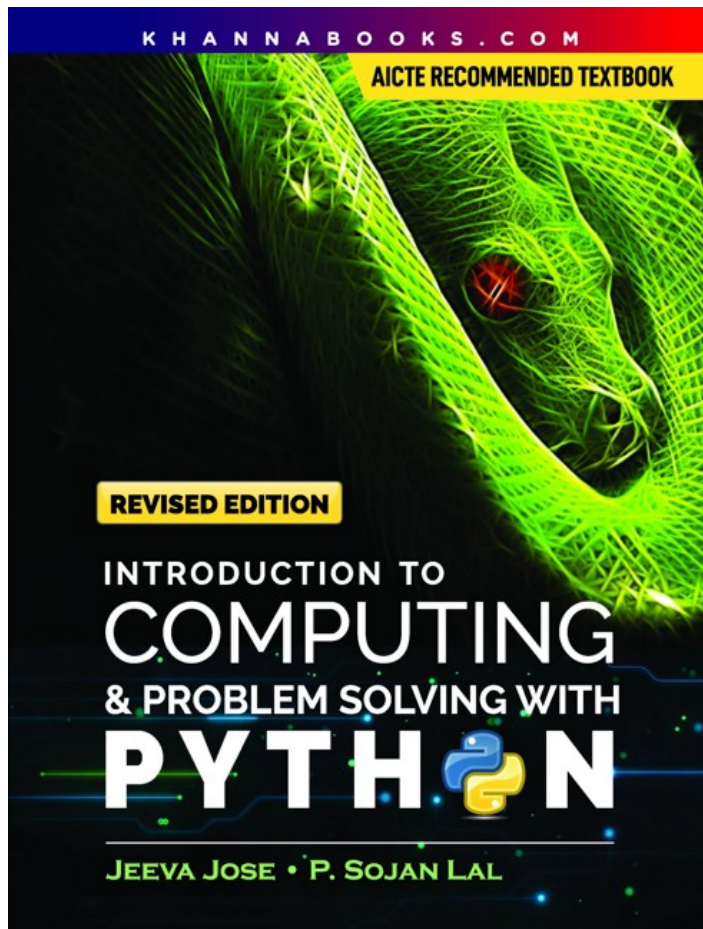
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## Introduction to Computing & Problem Solving with PYTHON

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<b>ISBN 10 :</b>	93-82609-81-4
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## Product Description

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This book 'Introduction to Computing and Problem Solving with Python' will help every student, teacher and researcher to understand the computing basics and advanced Python Programming language. The Python programming topics include the reserved keywords, identifiers, variables, operators, data types and their operations, flow control techniques which include decision making and looping, modules, files and exception handling techniques. Advanced topics like Python regular expressions, Database Programming and Object Oriented Programming concepts are also covered in detail. All chapters have worked out programs, illustrations, review and frequently asked interview questions. The simple style of presentation makes this a friend for self-learners. More than 300 solved lab exercises available in this book is tested in Python 3.4.3 version for Windows. The book covers syllabus for more than 35 International Universities and 45 Indian universities like Dr. APJ Abdul Kalam Technological University, Christ University, Savitribai Phule Pune University, University of Delhi, University of Calicut, Mahatma Gandhi University, University of Mumbai, AICTE, CBSE, MIT, University of Virginia, University of Chicago, University of Toronto, Technical University of Denmark etc.

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**Chapter 1:** Introduction to computers. **Chapter 2:** Program Logic and Flowcharts. **Chapter 3:** Introduction to Python. **Chapter 4:** Data Types and Operations. **Chapter 5:** Flow Control. **Chapter 6:** Functions. **Chapter 7:** Modules and Packages. **Chapter 8:** File Handling. **Chapter 9:** Object Oriented Programming. **Chapter 10:** Exception Handling. **Chapter 11:** Regular Expressions. **Chapter 12:** Database Programming.





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## Authors

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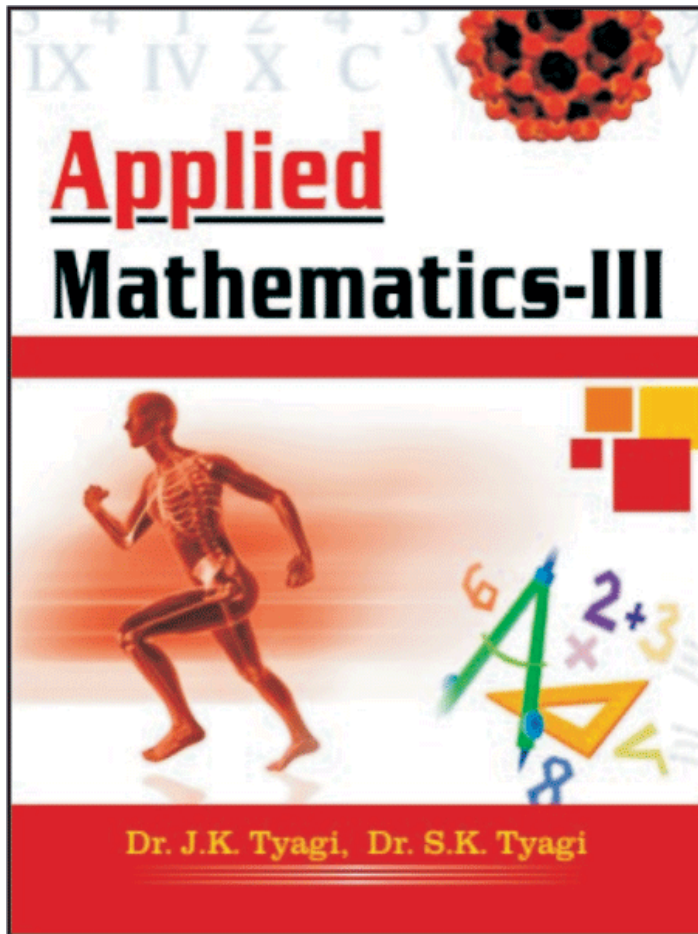
**Jeeva Jose** Dr. Jeeva Jose completed Ph. D. in Computer Science from Mahatma Gandhi University, Kerala, India and is a faculty member at BPC College, Kerala. Her passion is teaching and areas of interests include world wide web, Data Mining and Cyber laws. She has been in higher education for the last 15 years and has completed three research projects funded by UGC and KSCSTE. She has published more than twenty research papers in various refereed journals and conference proceedings. She has edited three books and has given many invited talks in various conferences. She is a recipient of ACM-W Scholarship provided by Association for Computing Machinery, New York.

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## Applied Mathematics-III

<b>Author :</b>	J.K. Tyagi
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### Product Description

The language is very simple and easily understandable. The approach is to communicate the practical aspects of mathematics in a way that drives out the common fear of learning any mathematical subject. A large number of solved and unsolved problems have been included. Topics are followed by figures and tables. The notations and terminology have been clearly explained wherever desirable. In each chapter, all concepts and definitions have been discussed in details with suitable examples.



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**Chapter 1:** Partial Differently Equations.

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## Authors

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**Dr. J.K. Tyagi** is Professor and head department of Applied Science, Maharaja Agarsain Institute of Technology Ghaziabad (U.P.). **Dr. S.K. Tyagi** is Senior Lecturer, Amity School of Engineering and Technology , Amity University, Noida (U.P.).

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