

## Building Electrification

<b>Author :</b>	Arnab Ghosh
<b>ISBN 13 :</b>	978-93-55383-28-0
<b>ISBN 10 :</b>	93-55383-28-2
<b>E-ISBN 13 :</b>	978-93-55383-28-0
<b>Edition :</b>	First
<b>Pages :</b>	404
<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 748.00
<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

**Building Electrification** This book aims to provide readers, especially third-year diploma students, with a thorough knowledge of Building Electrification in the best possible way. The syllabus of this book is as per the AICTE curriculum model, following the National Education Policy 2020. Each book chapter is very lucid, so one can easily understand the underlying concepts. Review questions, exercises, QR codes of online links, and other learning resources follow explanatory examples. The book discusses electrical wiring tools and accessories, electrical wires and underground cables, wiring methods and wiring layout, residential building electrification, protection of electrical installation, and illumination in residential installation. Salient Features:

- Content of book aligned with the mapping of Course Outcome, Programs Outcomes, and Unit Outcomes.
- At 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 for the use of ICT, projects, group discussion, etc.
- Student and teacher-centric subject materials are included in the book in a balanced and chronological manner.
- Apart from the essential information, a 'know more' section is also provided in each unit to extent the learning beyond the syllabus.
- Multiple choice questions, short and long-answer questions are given in the exercise for students' practice after every chapter.
- Solved and unsolved problems, including numerical examples, are solved systematically.



---

## Table of Contents

---

Foreword Dedication Acknowledgement Preface Outcome Based Education Course Outcomes Guidelines for Teachers  
Guidelines for Students Abbreviations and Symbols List of Figures

- WIRING TOOLS & ACCESSORIES
- ELECTRICAL WIRES AND UNDERGROUND CABLES
- WIRING METHODS AND WIRING LAYOUT
- RESIDENTIAL BUILDING ELECTRIFICATION
- PROTECTION OF ELECTRICAL INSTALLATION
- ILLUMINATION IN RESIDENTIAL INSTALLATION

References For Further Learning CO And PO Attainment Table Index

---

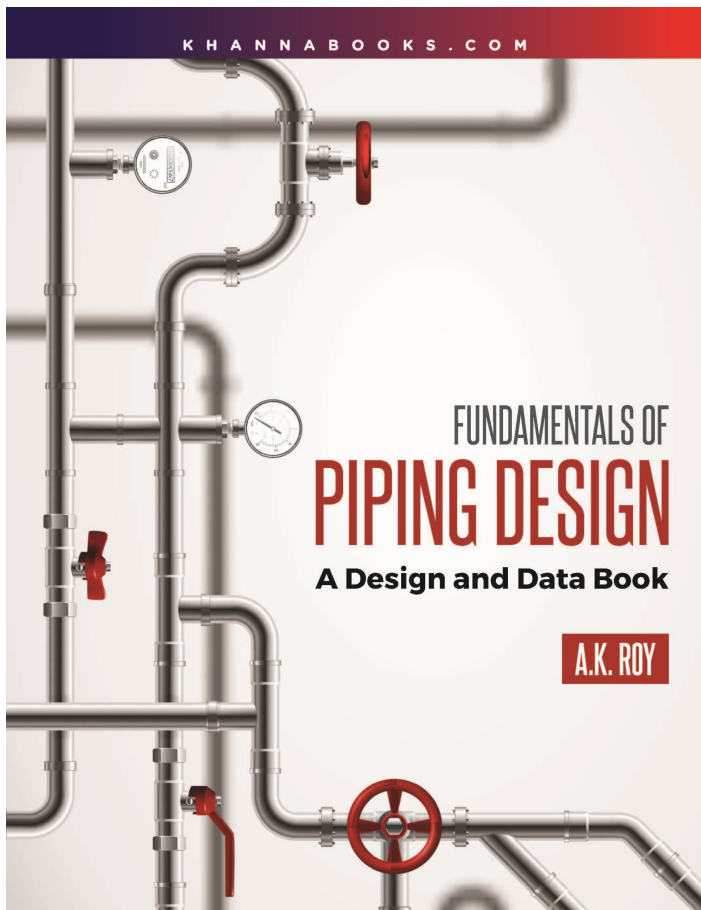
## Author

---

**Dr. Arnab Ghosh** Assistant Professor Department of Electrical Engineering (EE) National Institute of Technology  
Rourkela

---





## Fundamentals of Piping Design (A Design and Data Book)

<b>Author :</b>	A. K. Roy
<b>ISBN 13 :</b>	978-93-55387-73-8
<b>ISBN 10 :</b>	93-55387-73-3
<b>E-ISBN 13 :</b>	978-93-55387-73-8
<b>Edition :</b>	1
<b>Pages :</b>	404
<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 575.00
<b>Categories :</b>	<a href="#">Mechanical Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

---

## Product Description

---

This book offers a comprehensive introduction to the design of piping systems for professional engineers. It explains the fundamentals of piping design along with essential data and practical guidelines in a clear, accessible manner. Covering material selection, layout development, stress analysis, and computer-aided design, the book draws from international standards such as ASME, ASTM, IS, and BS. It balances theory with real-world application, featuring detailed illustrations and a case study using software tools, making it a valuable reference across industries like power, oil & gas, waterworks, and chemicals processing. **SALIENT FEATURES OF THE BOOK**

- Provides essential design knowledge for piping systems across industries.
- Includes data from ASME, ASTM, IS, BS, and other international standards.
- Covers the complete design process: piping layout, material selection, stress analysis, and support design.
- Contains a detailed case study on pipe stress analysis using computer-based software.
- Suitable for piping, project, system, and maintenance engineers.
- Applicable to power plants, waterworks, oil and gas pipelines, and chemical industries.
- Rich in illustrations, practical examples, and ready-reference design charts.

---

## Table of Contents

---

Preface About The Author

- Codes and Standards
- Piping Elements
- Valves
- Piping Drawings
- Plot Plan
- Equipment and Piping Layout
- Mechanical Design Fundamentals
- Pipes Under Stress
- Pipe Hydraulics and Sizing
- Selection of Pipe Supports
- Pipe Stress Analysis
- Expansion Joints



**Khanna Publishing House**

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

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Author

---

**K. Roy** (BE, M.Tech. , FIE) is a seasoned engineering professional with over 37 years of experience at Steel Authority of India Limited (SAIL). He held senior positions including General Manager in the Centre for Engineering & technology (CET), where he led design, engineering, and consultancy services in utilities and services. He also contributed significantly as a research Engineering, and consultancy services in development Centre for Iron & Steel (RDCIS), SAIL, Shri Roy retired as general manager from CET and resides in Kolkata.

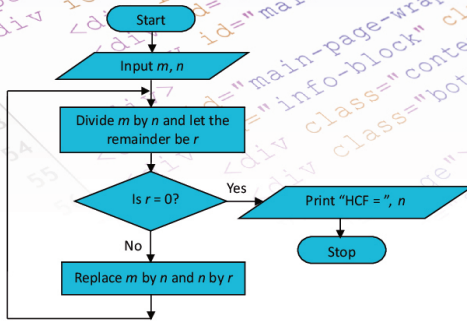
---



മാതൃകാ പാഠ്യപദ്ധതി പ്രകാരം AICTE നിർദ്ദേശിച്ച പാഠ്യപുസ്തകം

ഫലദായിഷ്ഠിത പാഠ്യപദ്ധതി

ദേശീയ വിദ്യാഭ്യാസ നയം 2020



ആർ. എസ്. സലാരിയ

പ്രോഗ്രാമിംഗ് ഫോർ  
പ്രോബ്ലം സോൾവിംഗ്

(ലാബ് മാനുവൽ സഹിതം)



## Programming for problem solving (with Lab Manual)

<b>Author :</b>	R.S. Salaria
<b>ISBN 13 :</b>	978-93-55381-32-3
<b>ISBN 10 :</b>	93-55381-32-8
<b>E-ISBN 13 :</b>	978-93-55381-32-3
<b>Edition :</b>	1
<b>Pages :</b>	404
<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

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.



**Khanna Publishing House**

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

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Table of Contents

---

**Foreword**

**Acknowledgement**

**Preface**

**Outcome Based Education**

**Programme Outcome (POs)**

**Course Outcomes**

**Abbreviations and Symbols**

**List of Figures**

**List of Tables**

**Guidelines for Teacher**

**Guidelines for Students**

**Chapter 1:** Introduction to Programming

**Chapter 2:** Arithmetic Expressions and Precedence.

**Chapter 3:** Conditional Branching and Loops.

**Chapter 4:** Arrays.

**Chapter 5:** Basic Algorithms.

**Chapter 6:** Functions.

**Chapter 7:** Recursion.

**Chapter 8:** Structures.

**Chapter 9:** Pointers.

**Chapter 10:** File Handling.

**References for further learning**

**Co and PO attainment Table**

**Index**



---

## Author

---

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.

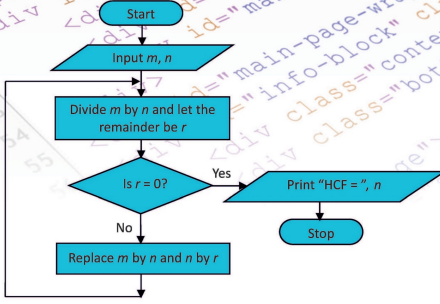
---



ಮಾದರಿ ಪಠ್ಯಕ್ರಮದ ಅನುಸಾರ ಎಣಿಸಿಣಿಷಿ ಶಿಫಾರಸು ಮಾಡಿರುವ ಪಠ್ಯಪುಸ್ತಕ

ಫಲಿತಾಂಶ ಅಧಾರಿತ ಶಿಕ್ಷಣದೊಂದಿಗೆ ಹೊಂದಿಸಲಾಗಿದೆ

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿ 2020



ಆರ್. ಎಸ್. ಸಲಾರಿಯಾ

ಪ್ರೋಗ್ರಾಮಿಂಗ್ ಫಾರ್  
ಪ್ರಾಬ್ಲಮ್ ಸಾಲ್ವಿಂಗ್

(ಲ್ಯಾಬ್ ಕೈಪಿಡಿಯೊಂದಿಗೆ)



## Programming for Problem Solving

<b>Author :</b>	R.S. Salaria
<b>ISBN 13 :</b>	978-93-91505-54-7
<b>ISBN 10 :</b>	93-91505-54-6
<b>E-ISBN 13 :</b>	978-93-91505-54-7
<b>Edition :</b>	1
<b>Pages :</b>	404
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	700.00
<b>Year :</b>	2023
<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>SKU :</b>	1725584731
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India



**Khanna Publishing House**

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

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Product Description

---

This textbook is designed as per the model curriculum of AICTE for the first year students of all branches of undergraduate programme 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.



---

## Table of Contents

---

**Foreword**

**Acknowledgement**

**Preface**

**Outcome Based Education**

**Programme Outcome (POs)**

**Course Outcomes**

**Abbreviations and Symbols**

**List of Figures**

**List of Tables**

**Guidelines for Teacher**

**Guidelines for Students**

**Chapter 1:** Introduction to Programming.

**Chapter 2:** Arithmetic Expressions and Precedence.

**Chapter 3:** Conditional Branching and Loops.

**Chapter 4:** Arrays.

**Chapter 5:** Basic Algorithms.

**Chapter 6:** Functions.

**Chapter 7:** Recursion.

**Chapter 8:** Structures.

**Chapter 9:** Pointers.

**Chapter 10:** File Handling.

**References for further learning**

**Co and PO attainment Table**

**Index**



---

## Author

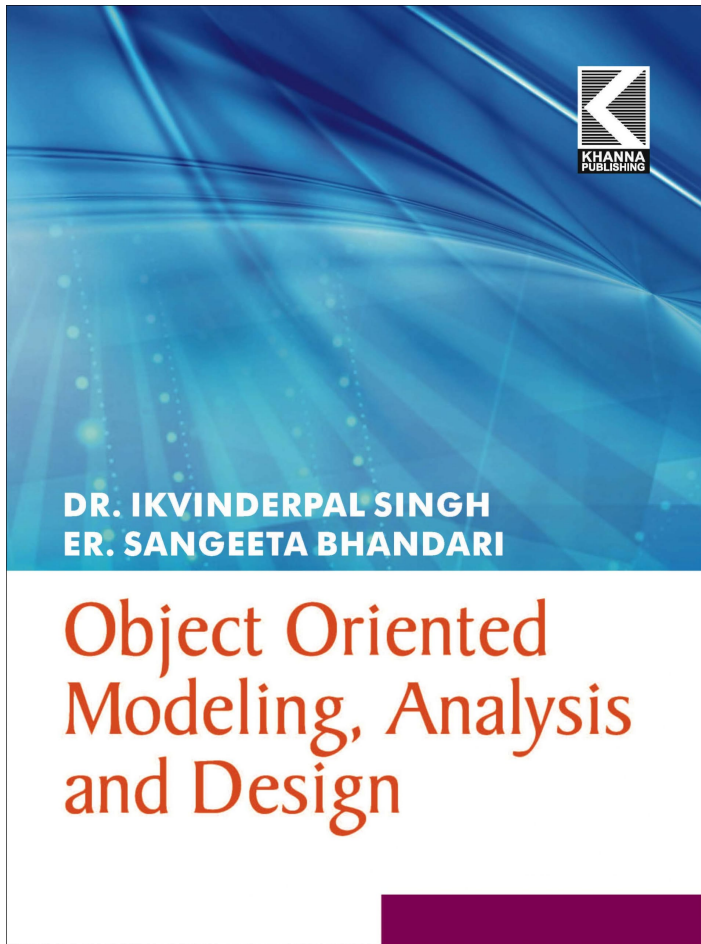
---

### 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.

---





## Object Oriented Modeling, Analysis and Design

<b>Author :</b>	Ikvinderpal Singh
<b>ISBN 13 :</b>	978-93-82609-41-4
<b>ISBN 10 :</b>	93-82609-41-5
<b>E-ISBN 13 :</b>	978-93-82609-41-4
<b>Edition :</b>	1
<b>Pages :</b>	404
<b>Type of book :</b>	Paperback
<b>Weight (g) :</b>	550.00
<b>Year :</b>	2014
<b>Language :</b>	English
<b>Publisher :</b>	Khanna Publishing House
<b>M.R.P :</b>	Rs 325.00
<b>Categories :</b>	<a href="#">Computer Science Engineering</a>
<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

This book presents an object oriented approach to software development based on modeling objects from the real world and then using the model to build a language independent design organized around those objects. This book describes a set of object oriented concepts and a language independent graphical notation can be used to analyze problem requirements, design a solution to the problem, and then implement the solution in a programming language or database. This book can be used as a textbook for a graduate or postgraduate course on object oriented technology. It can be used as a supplementary text for courses on databases or programming languages.



**Khanna Publishing House**

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

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Table of Contents

---

**Chapter 1:** Introduction. **Chapter 2:** Object Oriented Concepts. **Chapter 3:** Object Oriented Modeling: UML. **Chapter 4:** Object Oriented Modeling: Use Cases. **Chapter 5:** Object Oriented Analysis. **Chapter 6:** Object Model. **Chapter 7:** Advanced Object Model. **Chapter 8:** Dynamic Model. **Chapter 9:** Functional Model. **Chapter 10:** System Design. **Chapter 11:** Object Design.

---

## Author

---

**Ikvinderpal Singh** Ikvinderpal Singh, is Lecturer of P.G. Deptt. Of Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA with distinction from Guru Nanak Dev University, Amritsar. He has always been excellence right from his student carrier. He has written five books. He brought name for himself when he topped the college in B.Sc. His other areas of interest include Fuzzy systems, digital electronics and java programming.

---

