

## Introduction to Security of Cyber-Physical Systems

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<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

### Product Description

Salient Features of this book:- 1. Covers Complete AICTE syllabus of Security of Cyber Physical Systems (IOT-O2) minor change degree course . 2. The basic of security and various types of security issues are explained 3. Different cryptography techniques and various security attacks are discussed. 4. Network security and how they are implemented in real world is demonstrated. 5. Insight to various issues of web security and biometric authentication provided. 6. Each chapter is provided with objective questions with answers and review questions. 7. The full form and explanation of the abbreviations used are given in each chapter.



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**Preface, Chapter 1:** Information System. **Chapter 2:** Information System Security. **Chapter 3:** Privacy in Information System. **Chapter 4:** Cyber Security. **Chapter 5:** Policy, Standards, Certifications and Cyber Laws. **Chapter 6:** Cyber Security Technology and Tools. **Chapter 7:** Cryptology. **Chapter 8:** Cryptosystem. **Chapter 9:** Digital Signature and E-mail Security. **Chapter 10:** Information Theory. **Chapter 11:** IoT Security and Privacy Case Study. **Chapter 12:** Software Defined Networking. **Chapter 13:** Cyber-Physical Systems.

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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. **Vijo Mathew**

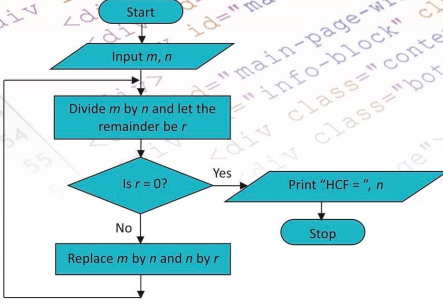
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परिणाम आधारित शिक्षणाची सुसंगत

राष्ट्रीय शैक्षणिक धोरण 2020



आर. एस. सलारिया

# समस्या सोडवण्यासाठी प्रोग्रामिंग

प्रयोगशाळा नियमपुस्तिकेसह



## Programming for Problem Solving (with Lab Manual)

<b>Author :</b>	R.S. Salaria
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## 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. Programming for Problem Solving (with Lab Manual) (Marathi).



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## Author

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**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.

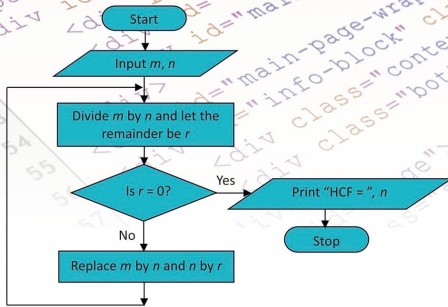
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परिणाम आधारित शिक्षा के साथ संरेखित

राष्ट्रीय शिक्षा नीति 2020



आर. एस. सलारिया

# प्रोग्रामिंग द्वारा समस्या समाधान

लैब मैनुअल सहित



## Programming for Problem Solving (with Lab Manual)

<b>Author :</b>	R.S. Salaria
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**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.

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# Internet of Things



## Internet of Things

<b>Author :</b>	Jeeva Jose
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## Product Description

Internet of Things (IoT) is a network comprising of machines, vehicles, home appliances, computers, micro controllers, sensors and actuators supported by application software and protocols. The study of IoT is the detailed understanding of these components. As per the estimates, by 2020 the connected things in IoT network will outnumber human beings in earth. Practical applications of IoT Technology is in every area like agriculture, construction management, health care, energy, transportation, education etc. The opportunity in business and job for IoT is increasing day by day.

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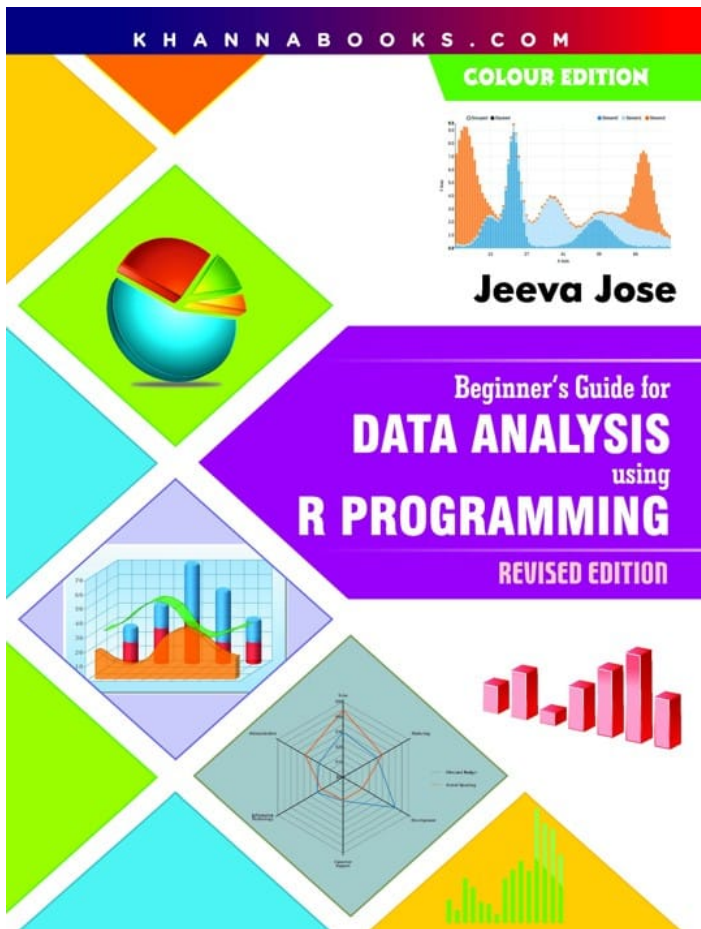
## Author

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**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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## Beginner's Guide for Data Analysis using R Programming

<b>Author :</b>	Jeeva Jose
<b>ISBN 13 :</b>	978-93-86173-45-4
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## Product Description

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R programming is an efficient tool for statistical analysis of data. Data science has become critical to each field and the popularity of R is skyrocketing. Organizations as large and diverse as Google, Facebook, Microsoft, Bank of America, Ford Motor Company, Mozilla, Thomas Cook, The New York Times, The National Weather Service, Twitter, ANZ Bank, Uber, Airbnb etc. have turned to R for reporting, analyzing and visualization of data, this book is for students and professionals of Mathematics, Statistics, Physics, Chemistry, Biology, Social Science and Medicine, Business, Engineering, Software, Information Technology, Sales, Bio Informatics, Pharmacy and any one, where data needs to be analyzed and represented graphically. Salient features of the book: 1. Explains R concept in a simple method. 2. Best self-study material and reference guide. 3. Teaches how to apply various statistical methods to data science. 4. Help statistician and professional to leverage strength by combining their domain expertise with data analysis capability of R. 5. More than 300 solved and tested programs provided. 6. A comprehensive book covering all areas of R in detail.

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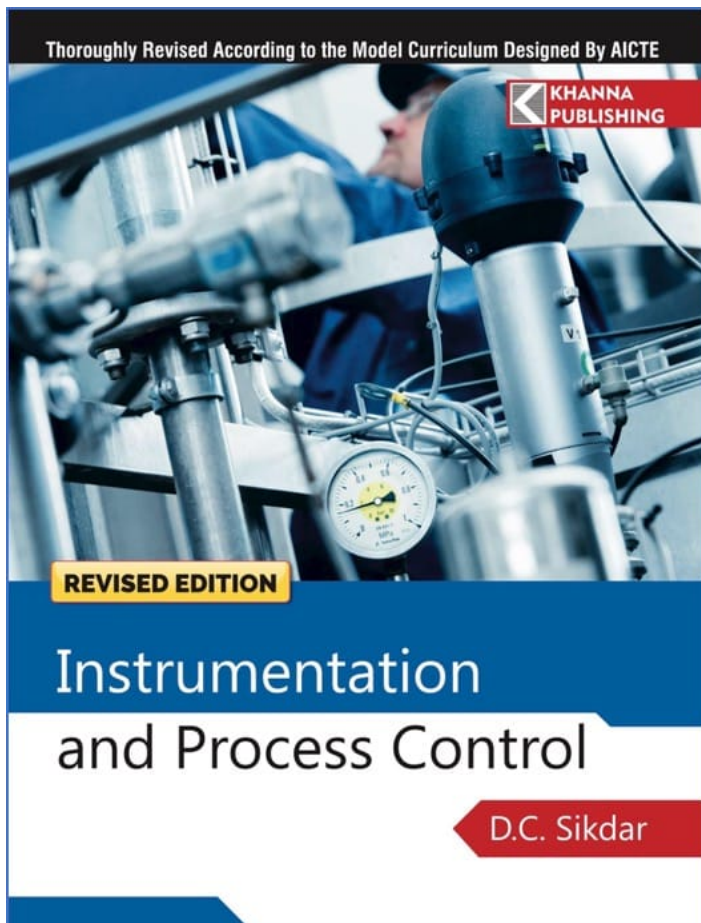
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## Instrumentation and Process Control

<b>Author :</b>	D.C. Sikdar
<b>ISBN 13 :</b>	978-93-82609-04-9
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<b>Condition Type :</b>	New
<b>Country Origin :</b>	India

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## Product Description

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This book is students friendly. It also demonstrates how to solve the industry related problems that crop up in Chemical Engineering Practice. The chapters are organized in a simple way that enables that students to acquire and in depth understanding of the subject. The emphasis is given to the fundamental of measuring instrument, Laplace Transform, Basic Concept of process control, first order and Second order system, Control of Industrial Bio-processes, Controller and Final control elements, Block diagram reduction techniques, Determination of Stability of a process, Advanced control techniques and control Structure of unit operations, all coming under the realm of Process Control. Apart from the numerous illustrations, the book contains review questions, exercises and aptitude test in chemical Engineering which bridge the gap between theoretical learning and practical implementation. All numerical problems are solved in a systematic manner to reinforce the understanding of the concepts. This book is primarily intended as a textbook for the under graduate students of Chemical Engineering, It will also be useful for other allied branches such as Medical Electronics, Aeronautical Engineering, Polymer Science and Engineering, Bio-technology as well as diploma in Chemical Engineering.



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## Author

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**D. C. Sikdar** (Ph.D.) is an associate professor, Department of Chemical Engineering, Dayananda Sagar College of Engineering, Bangalore, with more than two and half decades of teaching experience. Prof. Sikdar has published many papers in national and international journals of repute. he has received Best Research Thesis Award from Karnataka State Bio-fuel Development Board for guiding M. Tech Thesis on "Development of Bio-Hydrogen Dependent Fuel Cell using Micro Algae" in 2012. Prof. Sikdar is also a member of Indian Society of Technical Education (ISTE) and Indian Institute of Chemical Engineers (IICHE).



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