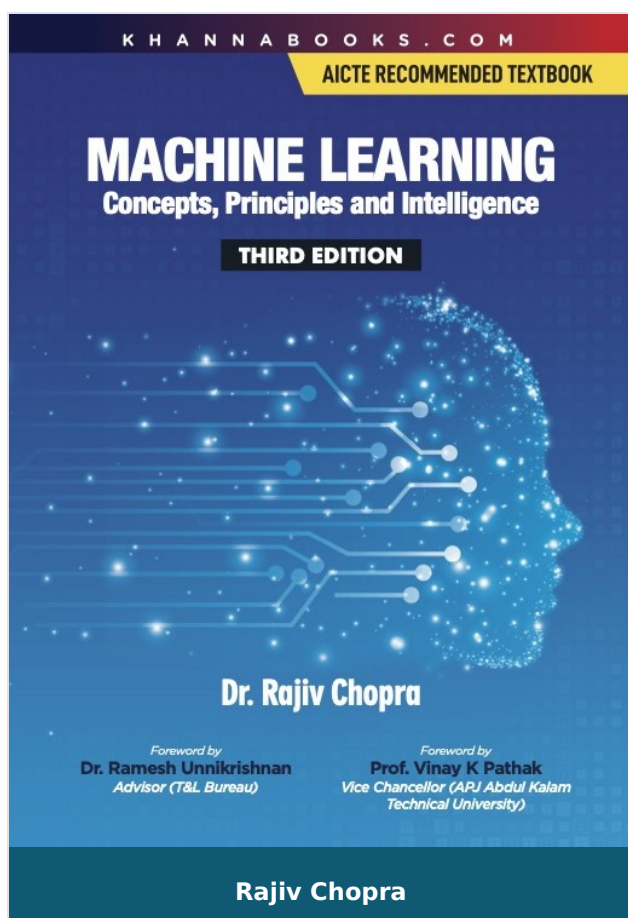




Machine Learning (Concepts, Principles and Intelligence)

Author :	Rajiv Chopra
ISBN 13 :	978-93-77089-88-7
ISBN 10 :	9377089883
E-ISBN 13 :	978-93-77089-88-7
Edition :	Third
Pages :	336
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 450.00
Categories :	Computer Science Engineering, UNIVERSITY RECOMMENDED, Computer Science Engineerings, Emerging Technologies, Book Store, Best Sellers
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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

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

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.

| SALIANT FEATURES |

- Includes numerous illustrative examples to understand and perform the practical easily.
- Demonstrates every experiment in a systematic and good programming style.
- 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.

Table Of Contents

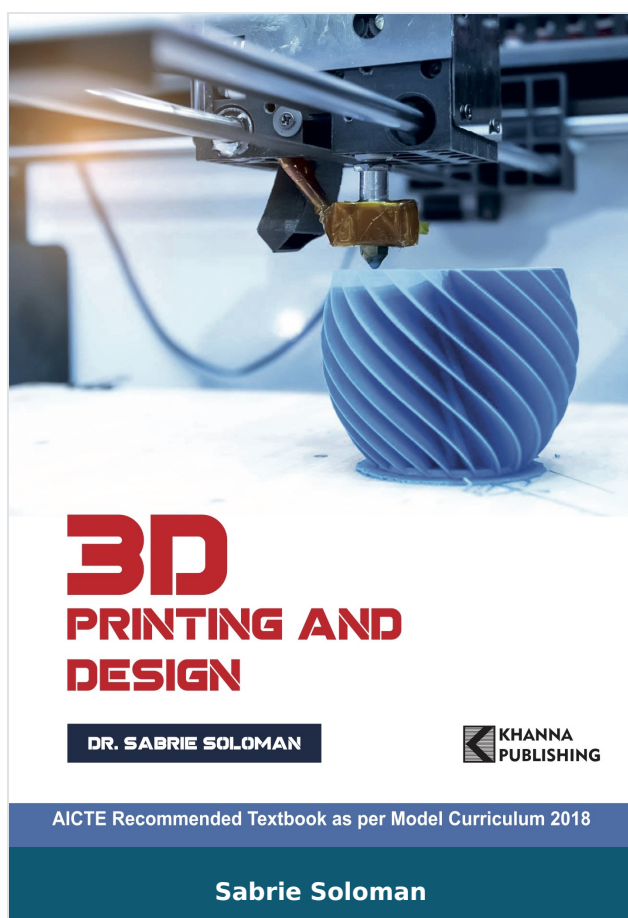
- Introduction to Machine Learning and Deep Learning
- Types of Learning
- Classification Families
- Learning Algorithms
- Unsupervised Learning and their Algorithms
- Reinforcement Learning and Control
- IOT and Machine Learning
- Project-1: Object Detection and Smudging Using Gradient Descent
- Project-2: Spam Filtering based on Text Classification Using Machine Learning Algorithms
- Appendices-A: Glossary
- Appendices-B: End Term. Question Paper
- Lab Manual of Machine Learning
- Suggested list of ML Projects
- References
- Index

Author

Rajiv Chopra

Dr. Rajiv Chopra has a Doctorate in Computer Science from Banasthali VidyaPith University. The author is M. Tech. in Information Technology from GGSIPU, Delhi. He did BE (CSE) from SDM College of Engg. and Technology, Dharwad and MIT from MAHE. He is working as an Associate Professor in CSE Department at Guru Tegh Bahadur Institute of Information Technology, GGSIPU Delhi. As an educator he has contributed to 21 research publications in Refereed, cited International Conferences and International Journals and

attended 21 conferences, workshops, FDPs and seminars. He is a prolific author with 26 Text and Reference books to his credit, for B. Tech. (CSE/IT), M. Tech. (CSE/IT), BCA, MCA and other courses of different Universities of India.



3D Printing & Design

Author :	Sabrie Soloman
ISBN 13 :	978-93-86173-76-8
ISBN 10 :	938617376X
E-ISBN 13 :	978-93-86173-76-8
Edition :	First
Pages :	436
Type of book :	Physical
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	UNIVERSITY RECOMMENDED, Computer Science Engineerings, Emerging Technologies, Book Store
Condition Type :	New
Country Origin :	India

Product Description

This book provides a detailed guide to various 3D printing technologies, explaining their operational principles, similarities, and differences. It offers practical insights into optimal implementation methods, making it an invaluable resource for school students, university undergraduates, and postgraduates. Readers will gain both foundational knowledge and hands-on inspiration to explore their creativity by designing and printing their own innovative models. In addition, educators and professionals will find the content highly relevant, enabling them to effectively apply and advance 3D printing technologies within their institutions or organizations.

Table Of Contents

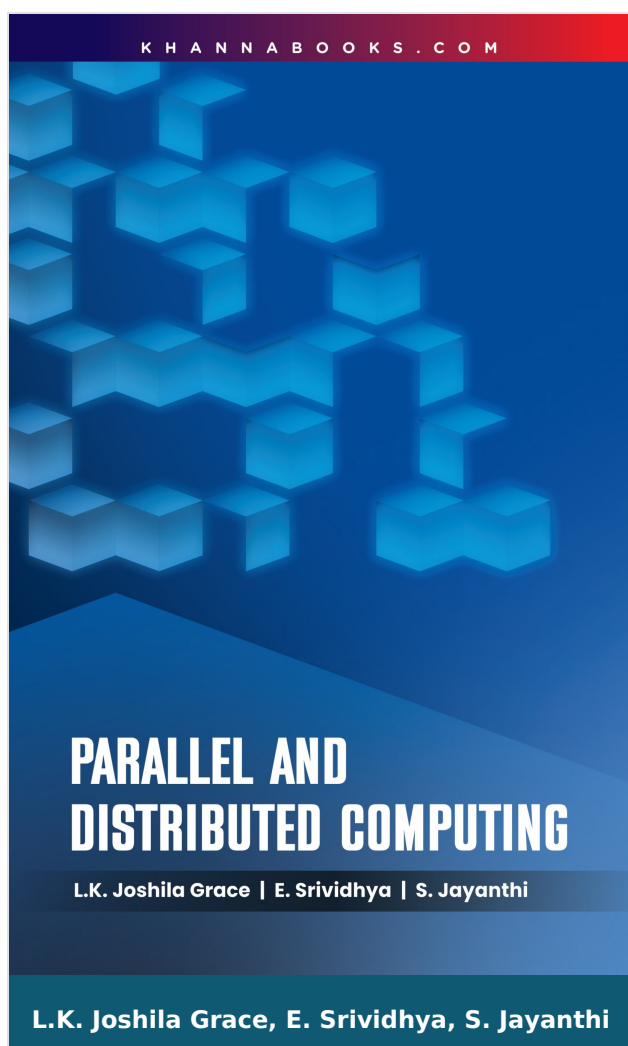
- Digital Manufacturing
- Digital Design for 3D Printing
- Fundamentals of Additive Manufacturing
- Design for 3D Printing
- 3D Printing Designing Through Binder Jetting
- Accelerate Design Cycles Design Verification Lowering
- Evolving 3D Printing
- 3D Printing & Design in Healthcare, Food,
- Additive Manufacturing
- The Impact of Additive Manufacturing on the Integral Economy
- References
- Appendix

Author

Sabrie Soloman

Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American Sensor x, Inc, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation,

Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA



Parallel and Distributed Computing

Author : L.K. Joshila Grace, E. Srividhya, S. Jayanthi

ISBN 13 : 978-93-55383-09-9

ISBN 10 : 9355383096

E-ISBN 13 : 978-93-55383-09-9

Edition : First

Pages : 136

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 248.00

Categories : [Computer Science Engineering,](#)
[New Arrivals, Book Store,](#)
[Sathyabama Series](#)

Condition Type : New

Country Origin : India

Product Description

The rapid growth in data processing and the increasing complexity of computational problems have made Parallel and Distributed Computing (PDC) an essential field in modern technology. This book serves as a comprehensive and authoritative guide, providing both the theoretical foundations and practical insights required to master this evolving domain. It systematically explores how systems can execute multiple tasks simultaneously, fundamentally improving speed, efficiency, and resource utilization. The core theme is the detailed exposition of PDC principles, architectures, and applications, starting with the motivations for parallelism and modifications to the traditional von Neumann model. It offers a deep dive into parallel hardware like SIMD and MIMD systems, advanced architectures such as CMPs and GPUs, and crucial concepts like cache coherence and OpenCL programming. The book then transitions to distributed computing, covering critical areas like communication models, synchronization, deadlock handling, and distributed file systems and shared memory. With its structured five-unit approach, real-world applications, and problem-solving exercises, this resource is designed to equip a broad target audience—including students, researchers, and professionals—with the necessary knowledge to design and implement efficient, scalable systems. Mastering the concepts presented herein will be instrumental in shaping the future of high-performance computing.

Salient Features:

- **Fundamental Architectures:** Provides comprehensive coverage of parallel hardware, including Flynn's taxonomy (SIMD/MIMD), cache coherence, and the evolution of modern architectures like CMPs and GPUs.
- **Advanced Programming Models:** Detailed exploration of key models of parallelism such as the PRAM and CTA models, alongside an essential introduction to OpenCL for heterogeneous parallel computing.

- **Interconnection Networks:** Focuses on the crucial role of interconnection networks in parallel and distributed systems. It discusses both static and dynamic approaches to ensure high-speed and efficient communication among all processors.
- **Distributed Communication:** Covers essential goals, design issues, and models like the Client-Server Model. Includes in-depth topics such as Remote Procedure Calls (RPC) and Group Communication mechanisms.
- **Synchronization & Control:** Offers an in-depth analysis of synchronization algorithms, deadlock handling, and distributed scheduling techniques for effective resource and process management in multi-node systems.
- **Memory Management Systems:** Dedicated units on Distributed File Systems (DFS) design, implementation, and an introduction to shared memory consistency models, including a MACH system case study.
- **Performance Optimization:** Addresses practical considerations for performance, including floating-point precision, parallel reduction techniques, and managing common caveats like overhead and over-parallelization.
- **Real-World Applications:** Explores the wide scope of PDC, with applications in scientific simulations, AI, big data analytics, bioinformatics, and commercial systems like web and database services.

Table Of Contents

- Introduction to Parallel Computing
- Architectures and Programming
- Communication in Distributed Computing
- Synchronization and Process in Distributed System
- Distributed File Systems and Shared Memory

Author

L.K. Joshila Grace

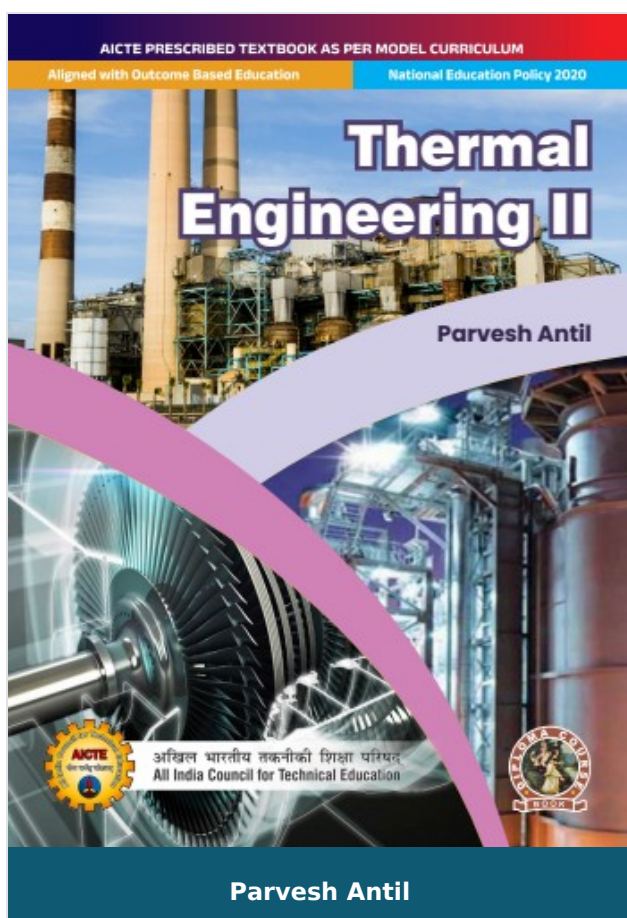
Joshila Grace L. K. E. Srividhya S. Jayanthi

E. Srividhya

E. Srividhya

S. Jayanthi

S. Jayanthi



Thermal Engineering- II

Author :	Parvesh Antil
ISBN 13 :	978-93-55389-83-1
ISBN 10 :	9355389833
E-ISBN 13 :	978-93-55389-83-1
Edition :	First
Pages :	164
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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

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

Product Description

Thermal Engineering- II

Thermal Engineering 2 is a fundamental subject for engineering students in the mechanical Engineering domain, providing a foundation for logical and analytical thinking. Thermal systems are crucial for regulating temperatures and facilitating energy transfer in a wide range of applications, including building heating and cooking, power production, and industrial operations. The aim of this book is to familiarize the students with the various thermal systems so that they can think big and innovative for future energy requirements.

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

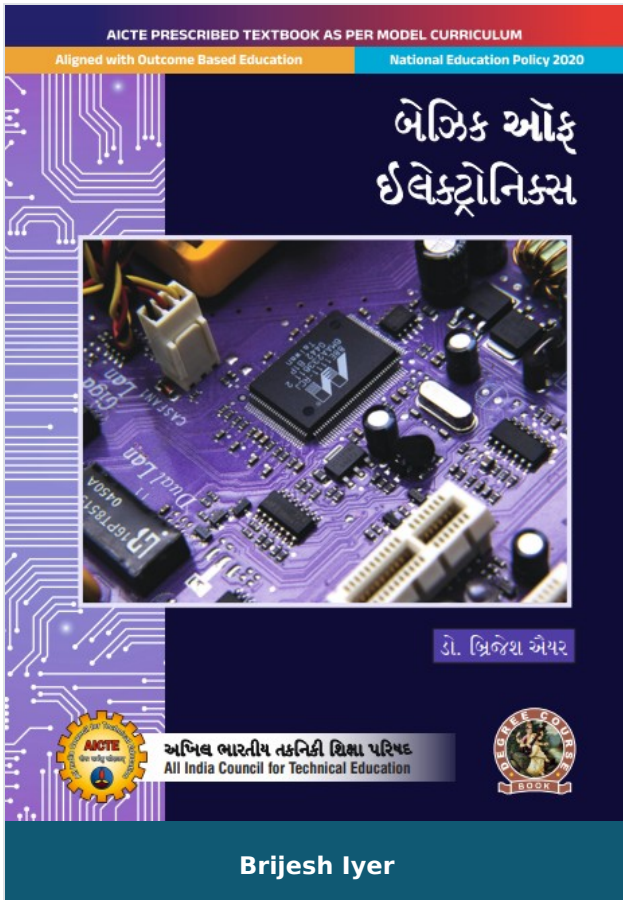
Table Of Contents

- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Gas Turbines
- Properties of Steam
- Steam Generators
- Steam Nozzles
- Steam Turbines
- Co and Po Attainment Table
- Index

Author

Parvesh Antil

Dr. Parvesh Antil Assistant Professor, Department of Basic Engineering College of Agricultural Engineering & Technology



Basic of Electronics

Author :	Brijesh Iyer
ISBN 13 :	978-93-55385-87-1
ISBN 10 :	9355385870
E-ISBN 13 :	978-93-55385-87-1
Edition :	First
Pages :	308
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 468.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Book Store
Condition Type :	New
Country Origin :	India

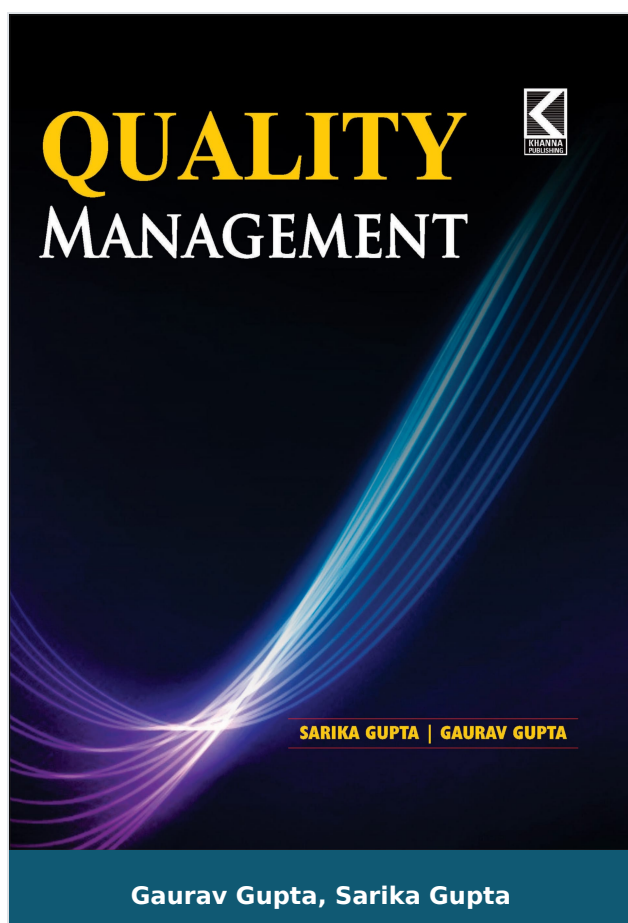
Product Description

Basic of Electronics

Author

Brijesh Iyer

Dr. Brijesh Iyer Professor, Assistant Professor (Sel. Gr.) Department of E & TC Engineering
Dr. Babasaheb Ambedkar Technological University, Lonere Maharashtra



Quality Management

Author :	Gaurav Gupta, Sarika Gupta
ISBN 13 :	978-93-82609-45-2
ISBN 10 :	9382609458
E-ISBN 13 :	978-93-82609-45-2
Edition :	1
Pages :	224
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 195.00
Categories :	Computer Science Engineering, Book Store
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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

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

Product Description

Quality management thinking has influenced a revolution in the way organizations are managed over the past few decades. Idea such as customer focus, ethical management, continuous improvement, Six sigma, leadership and organizational learning have all been impacted by and in some cases developed from this important field. this provides a coherent view of the underlying principles quality management, and how these relate to practical application in a range of organizations. This book is designed to provide an overview of the key elements, important historical context and current debates in the field of quality management. It aims to give a coherent view of the underlying principles of quality management, and how these relate to practical application in a range of organization.

Table Of Contents

- Introduction
- Quality Control in Purchasing
- Manufacturing Quality Origins and Principles of Lean Manufacturing
- Quality Management Organization Structure and Design
- Human Factor in Quality
- Control Charts in Quality Management
- Attributes Control Charts
- Defect Diagnosis
- ISO9000
- MODEL TEST PAPER
- QUESTION BANK

Author

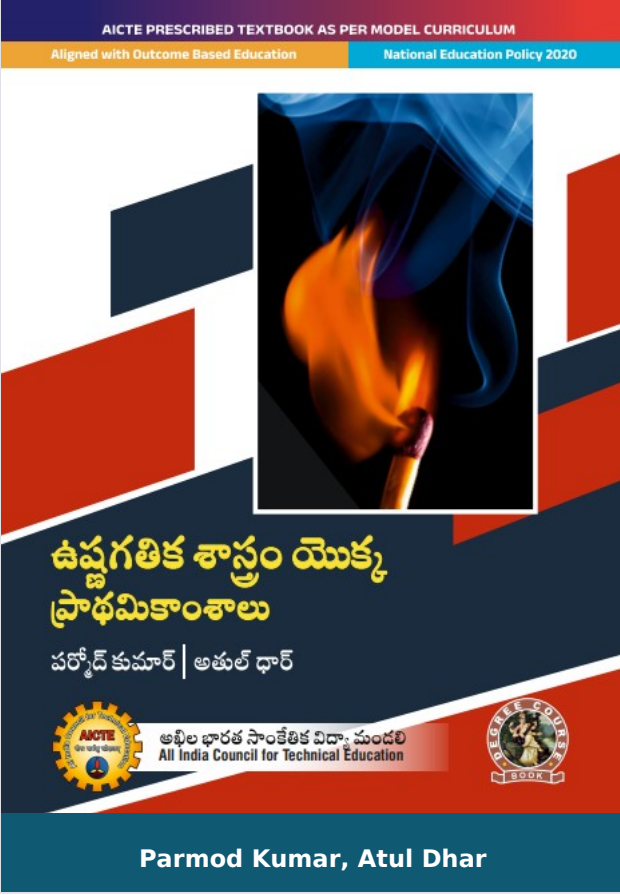
Gaurav Gupta

Gaurav Gupta is currently working as Manager Client Services in an IT MNC. He has more than Nine years of corporate experience with different MNCs. He has published Research Papers in various international Journals and attended conferences at several states. His area of interest includes Server and Databases, Data Center technologies and IT infrastructure, Project Management, Marketing Automation and different enterprise software's, CRM, ERP etc.

Sarika Gupta

Sarika Gupta Sarika Gupta is currently working as Assistant Professor in the Department of Computer Science and Engineering at Dronacharya College of Engineering, Greater Noida. She has more than six years of teaching and corporate experience. She has

already published Research Papers in various international Journals and conferences of repute. Her area of interest and research includes AdHoc Network, Java, Object Oriented System and Soft Computing etc.



Basics of Thermodynamics

Author : Parmod Kumar, Atul Dhar

ISBN 13 : 978-93-55389-42-8

ISBN 10 : 9355389426

E-ISBN 13 : 978-93-55389-42-8

Edition : First

Pages : 340

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 548.00

Categories : [AICTE Prescribed Textbooks,](#)
[Telugu Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Basics of Thermodynamics

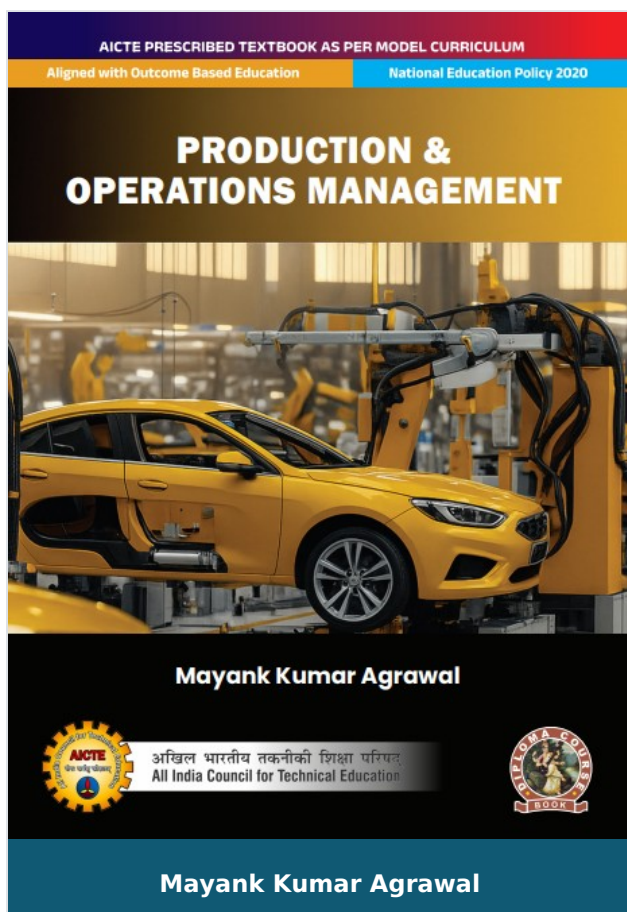
Author

Parmod Kumar

Dr. Parmod Kumar Assistant Professor, School of Mechanical and Materials Engineering,
IIT Mandi Dr.

Atul Dhar

Dr. Atul Dhar Associate Professor, School of Mechanical and Materials Engineering, IIT
Mandi



Production & Operations Management

Author : Mayank Kumar Agrawal

ISBN 13 : 978-93-55387-79-0

ISBN 10 : 9355387792

E-ISBN 13 : 978-93-55387-79-0

Edition : First

Pages : 288

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 528.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Production & Operations Management

Production & Operations Management is a field of management that focuses on overseeing and optimizing the process of producing goods and services. It involves planning, organizing, and controlling the activities involved in the production of goods and delivery of services. This book gives detailed description about production management and operation management in industry. The book entitles “production & Operations management” developed as per the model curriculum of AICTE for third year students of mechanical and industrial Engineering.

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.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- 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 systematic step. All chapters have been updated to reflect new techniques, case studies and technologies. Expansion of purpose and impact of strategic planning, including environmental and sustainability issues. Allows students to understand the importance of the field at a higher level, including impacts and benefits to society as a whole.

- Information included on lean production concepts and theory of constraints. Theory of constraint provides an interesting and potentially effective alternative method to think about several of the concepts in the book, and can help students compare and contrast theory of constraints with non-theory of constraint approaches.
- Book provides lots of recent information, interesting facts, QR code for E-resources etc.

Table Of Contents

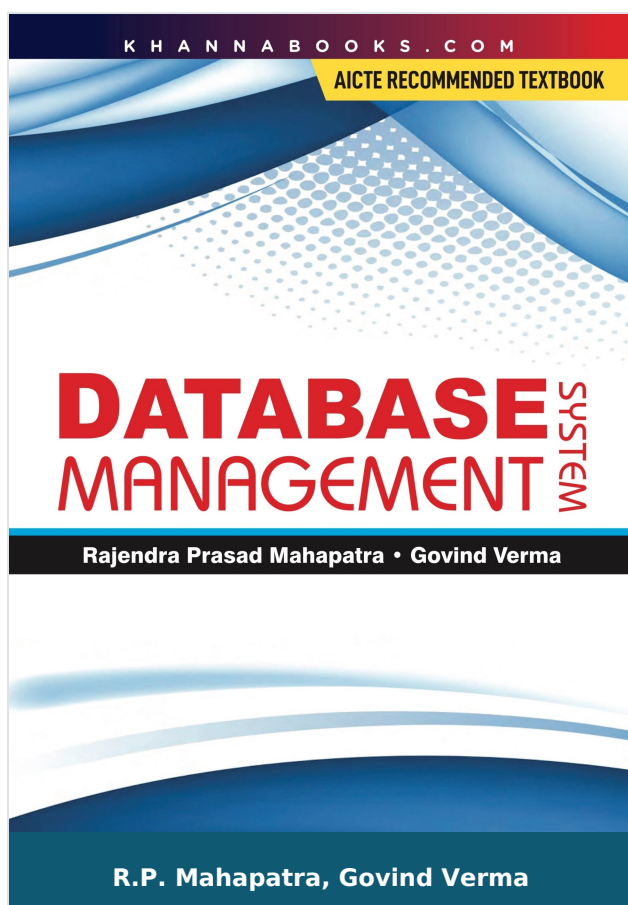
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Guidelines for Teachers
- Guidelines for Students
- Abbreviations and Symbols
- List of Figures
- List of Figures
- Process Planning and Process Engineering
- Production Forecasting and Scheduling
- Break-Even Analysis & Aggregate Operations Planning
- Assembly Line Balancing
- Material Management
- Annexure
- CO and PO Attainment Table
- Index

Author

Mayank Kumar Agrawal

Mayank Kumar Agrawal Lecturer Department of Mechanical Engineering Technical College, Dayalbagh Educational Institute (Deemed to be University), Agra, 282005, Uttar

Pradesh, India



Database Management System

Author : R.P. Mahapatra, Govind Verma

ISBN 13 : 978-93-82609-14-8

ISBN 10 : 9382609148

E-ISBN 13 : 978-93-82609-14-8

Edition : First Reprint

Pages : 552

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 695.00

Categories : [Computer Science Engineering,](#)
[Computer Science Engineerings,](#)
[Book Store](#)

Condition Type : New

Country Origin : India

Product Description

This book fundamental concepts necessary for designing, using and implementing database systems and applications. This book assumes no previous knowledge of database or database technology and the concepts are built from grounds-up basic concepts to advanced techniques and technologies. This is . The book is self- contained and has flexible organization to suit the needs of individual course.

Table Of Contents

- Introduction
- Data Base Design and data Modeling
- Data Base Query Languages
- Database Storage & File Structure
- Database Implementation
- Type Of Databases
- Database Application

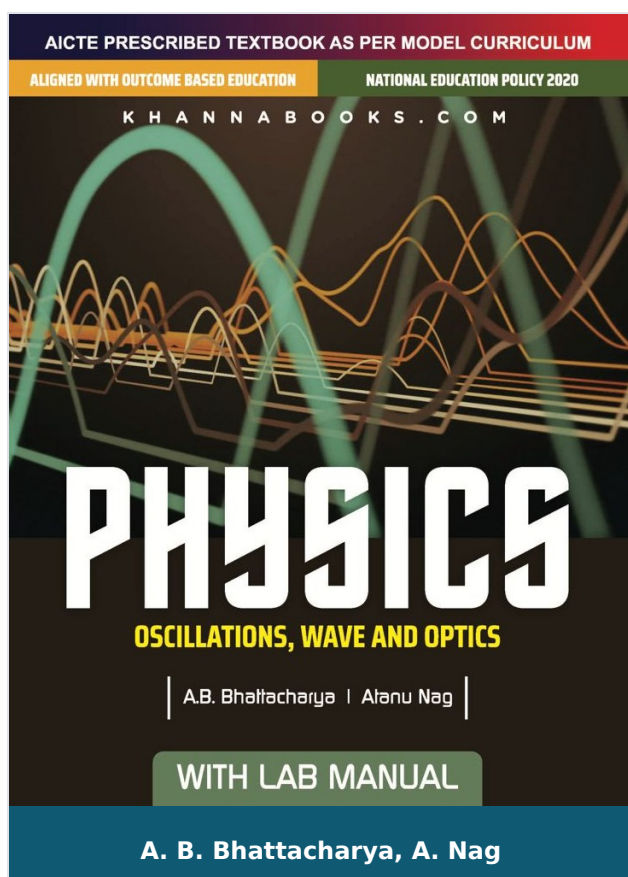
Author

R.P. Mahapatra

R.P. Mahapatra "Dr. Rajendra Prasad Mahapatra is BE(E.E), ME(CSE) he has 14 years of teaching experience in various positions at SRM Valliammai Engg. College, Chennai, Mekelle University, Ethiopia and SRM University NCR Campus Modinagar. He is presently HOD and Associate Dean of SRM UNIVERSITY NCR CAMPUS Modinagar. He has published 50 papers in lot of international journal and conferenece. He is a member of ISTE, IACSIT, IAENG, I.E(India). He has guided Masters Projects and presently five student pursuing Ph.D under his guidance. "

Govind Verma

Govind Verma is M.Tech in Computer Science & Engg. He is an Assistant Professor of SRM University NCR Campus.



Physics (Oscillations, Waves and Optics) With Lab Manual

Author : A. B. Bhattacharya, A. Nag

ISBN 13 : 978-93-91505-13-4

ISBN 10 : 9391505139

E-ISBN 13 : 978-93-91505-13-4

Edition : 1

Pages : 272

Type of book : Physical

Year : 2025

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 295.00

Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Ebooks](#)

Condition Type : New

Country Origin : India

Product Description

For the implementation of an outcome based education the first requirement is to develop an outcome based curriculum and incorporate an outcome based assessment in the education system. By going through outcome based assessments evaluators will be able to evaluate whether the students have achieved the outlined standard, specific and measurable outcomes. With the proper incorporation of outcome based education there will be a definite commitment to achieve a minimum standard for all learners without giving up at any level. At the end of the Programme running with the aid of outcome based education, a student will be able to arrive at the following outcomes

Table Of Contents

- Oscillations
- Units 2: Wave Propagation and Dispersion
- The Propagation of Light and Geometric Optics
- Units 4: Wave Optics
- Lasers
- Table of Physical Constants
- Appendices
- Annexures
- Reference for Future learning
- CO and PO Attainments Table
- Index

Author

A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars

received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness honored him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lighting is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

A. Nag

A. Nag 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.