

Applied Chemistry (with Lab Manual)

Author :	Anju Rawley
ISBN 13 :	978-93-55381-35-4
ISBN 10 :	93-55381-35-2
E-ISBN 13 :	978-93-55381-35-4
Edition :	1
Pages :	268
Type of book :	Paperback
Year :	2025
Language :	Bengali
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Bengali Books , Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This text book o “Applied Chemistry” is development as per AICTE model curriculum ,2018, for compulsory course on Applied Chemistry of first years Diploma Program in Engineering and Technology. Atomic Structure, Chemical Bonding & Solution, Water, Engineering Materials, Chemistry of fuels & Lubricants and Electrochemistry are the five units of this book, comprising of both practical and theory. Some salient features of the book: 1. Course Outcomes and Unit Outcomes are written specifically and are mapped with program Outcomes. 2. Utmost care have been taken to amalgamate the philosophy of outcome based education. 3. The structure of the textbook is comprehensive, where in practical exercises are integral part of each unit. 4. The text is presented in a very simple way with illustrations, examples, tables, flow chart, self -assessment questions and their solutions. 5. Micro projects, points/issue for the creative inquisitiveness & curiosity, know more, video links, case study and summary points are integral part of each unit to facilitate the students to develop the attitude of scientific inquiry, investigate the cause and effect relationship, systematic, scientific & logical thinking , ability to observe, analyse and interpret. 6. To meet the requirement of outcome based education (OBE) and outcome based assessment (OBA), criterion referenced testing (CRT) have been used as an integral part of assessment in each practical. 7. Sample QR codes have been provided in each units on some topics/sub topics for supplementary reading and reinforcing the learning.

Table of Contents

Foreword Acknowledgement Preface Outcomes Based Educations Course Outcomes Abbreviations and Symbols List of Figures List of Tables Guidelines for Teachers Guidelines for students UNIT 1: Atomic Structure, Chemical Bonding and Solutions. UNIT 2: Water. UNIT 3: Engineering Materials. UNIT 4: Chemistry of Fuels and Lubricants. UNIT 5: Electro Chemistry.

Author

Anju Rawlley

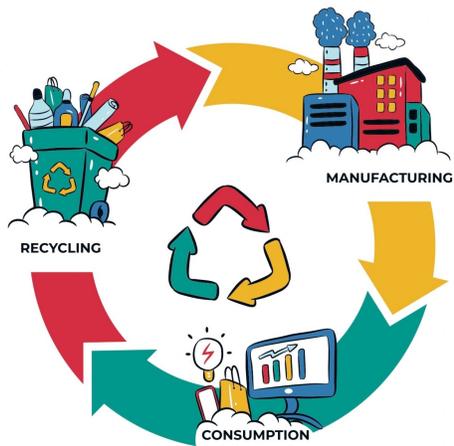
Devdatta Vinayakrao Saraf



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



INTRODUCTION TO
Circular
ECONOMY

M U K U L C H A N D R A B O R A

Foreword by **Prof. Anil D. Sahasrabudhe**
Chairman, National Educational Technology Forum

Introduction to Circular Economy

Author :	Mukul Chandra Bora
ISBN 13 :	978-93-55387-52-3
ISBN 10 :	93-55387-52-0
E-ISBN 13 :	978-93-55387-52-3
Edition :	1
Pages :	268
Type of book :	Paperback
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 449.00
Categories :	Environmental Engineering
Condition Type :	New
Country Origin :	India

Product Description

The concept of a Circular Economy has emerged as a transformative framework for addressing the environmental, economic, and social challenges of the 21st century. As the global population continues to grow and natural resources become increasingly scarce, the limitations of the traditional linear economy — characterized by a "take, make, dispose" model — have become evident. The linear approach has not only strained ecological systems but also led to significant economic inefficiencies and social inequalities. In response to these challenges, the circular economy presents a regenerative and restorative model designed to minimize waste, optimize resource use, and create sustainable economic opportunities. The Bharatiya Gyana Parampara i.e., Indian Knowledge System as it commonly known to all of us now is also briefly described in this book as the concept of a circular economy was inherently practiced in ancient India, deeply rooted in the principles of sustainability, resource efficiency, and minimal waste generation. Traditional Indian society emphasized harmony with nature through practices such as reuse, recycling, and repurposing of materials. Agricultural systems followed natural cycles, using organic compost and crop rotation to maintain soil fertility. Handicrafts and textiles were produced using renewable resources like cotton, wool, and natural dyes, with worn-out materials often repurposed into quilts, ropes, or cleaning cloths. Metal and wooden tools were repaired or melted down for reuse, reflecting a resource-conserving mindset. Water harvesting systems, such as stepwells and reservoirs, ensured sustainable water management. The philosophical and spiritual underpinnings of Indian culture, including concepts from Vedic and Buddhist traditions, advocated for minimalism and mindful consumption, discouraging excess and waste. This self-sufficient and regenerative approach to production and consumption closely aligns with modern circular economy principles, highlighting the relevance of ancient Indian wisdom in addressing contemporary sustainability challenges. This book, Introduction to Circular Economy, aims to provide a comprehensive foundation for understanding the principles, strategies, and practical applications of the circular economy. It explores how circular thinking can reshape industries, redefine business models, and drive innovation in the face of growing environmental and economic pressures. The circular economy encourages a shift from the consumption of finite



Table of Contents

Foreword Preface

- Theory of Economic Development
- Circular Economy and Environmental
- Global Initiatives Towards Circular Economy
- Circular Economy: Indian Scenario
- Role of life Cycle Analysis in Circular Economy
- Design and Circular Economy
- Business Model and Circular Economy
- Business Model and Case Studies in Circular Economy
- Reference (Suggested Reading)



Khanna Publishing House

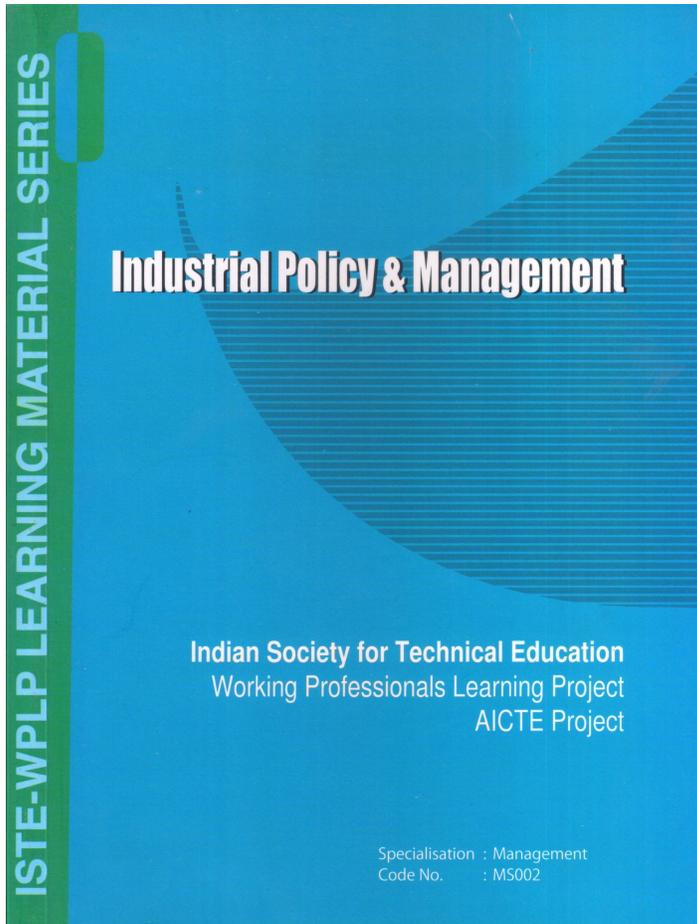
4C/4344, Ansari Road, Daryaganj, New Delhi-110002

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

Author

Dr. Mukul Chandra Bora has an extensive academic background in civil engineering, reflecting his commitment to scholarly excellence. He earned a Ph.D. in Civil Engineering from the Indian Institute of Technology (IIT) Guwahati in 2011, following an M. Tech in Geotechnical Engineering from IIT Kharagpur in 2000. His journey in the field began with a B.E. in Civil Engineering from Dibrugarh University in 1988. With decades of professional experience, Dr. Bora has held key academic and administrative roles. Since August 2012, he has been the Director of the Institute of Engineering & Technology, Dibrugarh University. Previously, he served as State Project Administrator for the Northeast State Project Implementation Unit (2017-2021) of TEQIP - III project of Ministry of Education, Government of India. His teaching career includes a tenure at Technical Education Department of Government of Assam together with professional experience as a Quantity Surveyor at PBS Limited, Guwahati (1991-1995) and a Site Engineer at M.L. Dalmiya & Co. Ltd., Kolkata (1989-1991). Dr. Bora's research and consultancy work focus on ground improvement techniques, geosynthetics, rainfall impact on groundwater, non-biodegradable waste in construction, and slope stabilization. He has contributed significantly to materials characterization and geotechnical investigations for major infrastructure projects, including power plants and industrial facilities. He is a fellow of the Institution of Engineers (India), a Senior Member of the Asia Pacific Chemical, Biological and Environmental Engineering Society (Hong Kong), and a Member of the International Association for Life Cycle Civil Engineering (Italy). Additionally, he serves as a reviewer for reputed journals, including Springer's Journal of the Institution of Engineers (India), Series A. Beyond civil engineering, Dr. Bora has made remarkable contributions to the Bhartiya Knowledge System (BKS), which encompasses philosophy, science, mathematics, astronomy, Ayurveda, linguistics, and traditional Indian technologies. Rooted in ancient texts like the Vedas and Upanishads, BKS has profoundly influenced Indian civilization. Dr. Bora is dedicated to reviving and integrating traditional Indian knowledge with modern research and education, bridging the gap between ancient wisdom and contemporary advancements. His book, "Foundations of Bhartiya Knowledge System" (2023), published by Khanna Publishing House, delves into the fundamental principles of India's knowledge systems, promoting their relevance in the modern era. Through his work, Dr. Bora continues to advance both civil engineering and India's intellectual heritage, fostering a deeper appreciation of Bhartiya wisdom among scholars and students.





Industrial Policy & management

Author :	M. H. Subrahmanya
ISBN 13 :	978-93-55386-92-2
ISBN 10 :	93-55386-92-3
E-ISBN 13 :	978-93-55386-92-2
Edition :	1
Pages :	268
Type of book :	Paperback
Weight (g) :	550.00
Year :	2009
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 385.00
Categories :	ISTE Series , Management Books
SKU :	1725583015
Condition Type :	New
Country Origin :	India

Product Description

Industrialization is the sine-qua-non of economic development. Policy makers in Indian economy have attached strategic significance of industrialization with the twin objectives of employment generation and acceleration of economic development, among others. Industrial Policy has a decisive role of play in the management and growth of industrial enterprises as well as over all industry. India's Industrial Policy has undergone remarkable changes over a period of time 1950s to 1980s to a period of enormous economic freedom since 1990s, industrial enterprises have seen and experienced different turbulent times. All these have valuable lessons to be learnt not only for academic and business researchers but also for managers and executives of industrial enterprises of different sizes. It is to meet this objective that this monograph on Industrial Policy & Management has been written.



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

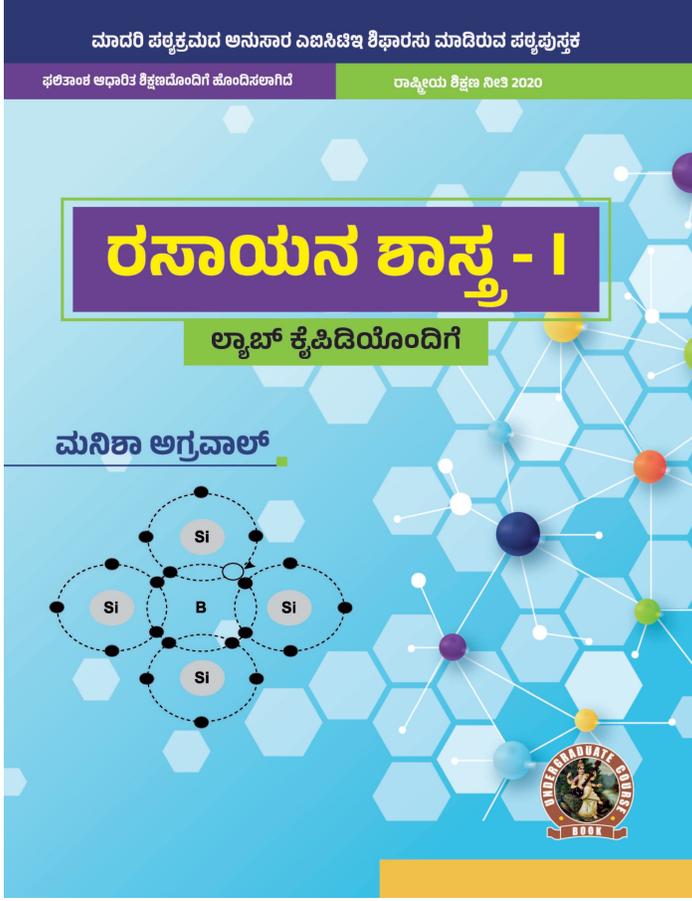
Table of Contents

Foreword Preface Chapter 1: Introduction. **Chapter 2:** Indian Industry: Structure & Components. **Chapter 3:** Industrial Policy: What is it? Why is it needed? **Chapter 4:** Industrial Controls & Regulations in India: What Lessons did we learn? **Chapter 5:** India's Macro Economic Crisis in 1991: Genesis of Industrial Reforms. **Chapter 6:** Industrial Policy Developments since 1991. **Chapter 7:** Industrial Structure and Growth in India: Dimensions and Implications. **Chapter 8:** Foreign Investment Policy and Foreign Enterprises. **Chapter 9:** Small & Medium Enterprises (SMEs) in India: Policy and Growth. **Chapter 10:** Environmental Policy for Industry in India. **Chapter 11:** Technology Policy and Research & Development in Industry. **Chapter 12:** Labour Policy. **Chapter 13:** How to Set-up an Enterprise?

Author

Dr. M. H. Bala Subrahmanya is a Professor (Economics) at the Department of Management Studies, Indian Institute of Science (IISc), Bangalore. He has done M. A. (First Rank and Gold Medallist) at Mysore University and Ph.D. in Economics with Indian Council for Social Science Research (ICSSR) fellowship at Institute for Social & Economic Change, Bangalore. One of his research papers won an award from the Intermediate Technology Development Group, London in 1997. He won Commonwealth Fellowship in 1999-2000 and worked as a Visiting Research Fellow at the Foundation for Small and Medium Enterprise Development, University of Durham, United Kingdom during February-July 2000. He was awarded Japan Foundation Fellowship for 2004/2005 and he worked as a Visiting Research Fellow at the National Graduate Institute for Policy Studies (GRIPS) Tokyo, Japan during March 2005-February 2006. In 2008, one of his papers won Emerald Literati Network Highly Commended Award. He has been awarded Fulbright-Nehru Senior Research Fellowship for 2009/2010. He has published more than 50 research papers in refereed national and international journals and presented 15 research in International Conferences. His field of specialization is Industrial Economics. He is currently involved in doing research & consultancy projects, teaching and guiding students for Ph.D.





Chemistry I (with Lab Manual)

Author :	Manisha Agrawal
ISBN 13 :	978-93-91505-46-2
ISBN 10 :	93-91505-46-5
E-ISBN 13 :	978-93-91505-46-2
Edition :	1
Pages :	268
Type of book :	Paperback
Weight (g) :	300.00
Year :	2023
Language :	Kannada
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Ebooks , Kannada Books
SKU :	1725738821
Condition Type :	New
Country Origin :	India

Product Description

“Chemistry-I” is a compulsory paper for the first year Undergraduate 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. Book covers seven topics-Atomic and molecular structure, Spectroscopic Technique and applications, Intermolecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student’s comprehension. Salient Features: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, Projects group discussion etc. 3. Students and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics. 5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. 6. Solved and unsolved problems including numerical examples are solved with systematic steps.



Table of Contents

Foreword

Acknowledgement

Preface

Outcome Based Education

Course Outcomes

Abbreviations and Symbols

List of Figures

List of Tables

Guidelines for Teacher

Guidelines for Students

Chapter 1: Atomic and Molecular Structure.

Chapter 2: Spectroscopic Techniques and Applications.

Chapter 3: Intermolecular Forces and Potential Energy Surfaces.

Chapter 4: Use of Free Energy in Chemical Equilibria.

Chapter 5: Periodic Properties.

Chapter 6: Stereochemistry and Organic Reactions.

Chapter 7: Organic Reactions Synthesis of Drug Molecules.

Chapter 8: Annexure.

Appendices



Author

Manisha Agrawal

Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanand Technical University Bhilai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bhilai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.

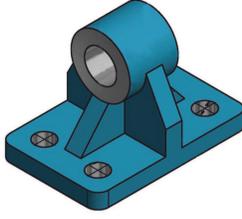
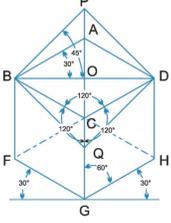


ಮಾದರಿ ಪಠ್ಯಪ್ರಮದ ಅನುಸಾರ ಎಣಿಸಿಣಿಞ ಶಿಫಾರಸು ಮಾಡಿರುವ ಪಠ್ಯಪುಸ್ತಕ

ಫಲಿತಾಂಶ ಆಧಾರಿತ ಶಿಕ್ಷಣದೊಂದಿಗೆ ಹೊಂದಿಸಲಾಗಿದೆ

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ನೀತಿ 2020

ಎಂಜಿನಿಯರಿಂಗ್ ಗ್ರಾಫಿಕ್ಸ್ ಮತ್ತು ವಿನ್ಯಾಸ



Engineering Graphics & Design |

Author :	Pradeep Jain
ISBN 13 :	978-93-91505-62-2
ISBN 10 :	93-91505-62-7
E-ISBN 13 :	978-93-91505-62-2
Edition :	1
Pages :	268
Type of book :	Paperback
Weight (g) :	380.00
Year :	2023
Language :	Kannada
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Ebooks , Kannada Books
SKU :	1725749286
Condition Type :	New
Country Origin :	India

Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.

Table of Contents

Foreword

Acknowledgement

Preface

Outcome Based Education

Course Outcomes

Abbreviations and Symbols

List of Figures

List of Tables

Guidelines for Teacher

Guidelines for Students

Chapter 1: Introduction of Engineering Drawing. **Chapter 2:** Orthographic Projection. **Chapter 3:** Projection of Solids. **Chapter 4:** Sectional Views of Solids. **Chapter 5:** Isometric Projection. **Chapter 6:**



Khanna Publishing House

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

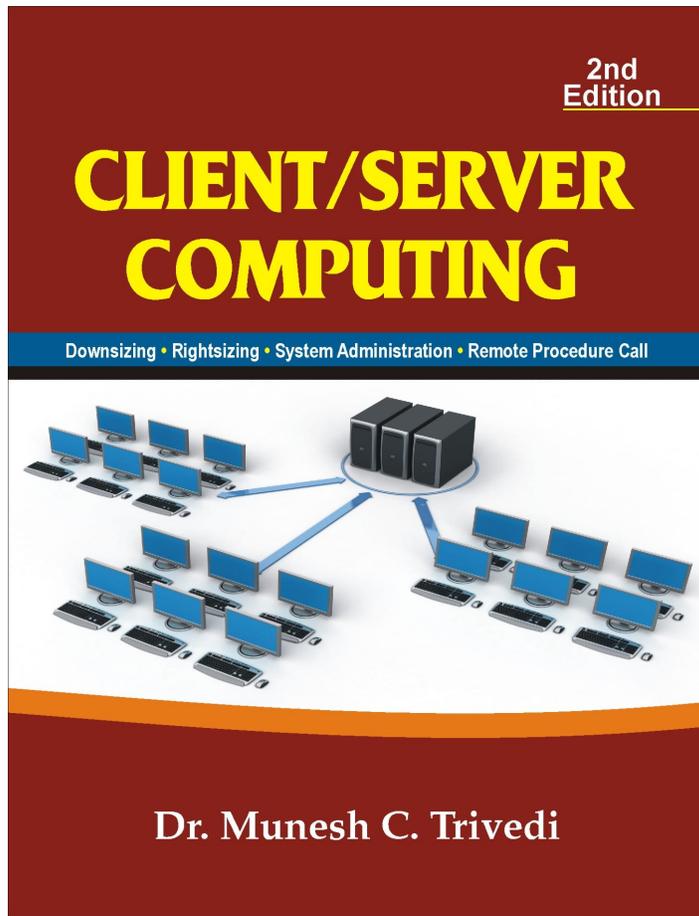
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

Authors

Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.





Client/Server Computing

Author :	Munesh Chandra Trivedi
ISBN 13 :	978-93-80016-60-3
ISBN 10 :	93-80016-60-3
E-ISBN 13 :	978-93-80016-60-3
Edition :	Second
Pages :	268
Type of book :	Paperback
Weight (g) :	360.00
Year :	2013
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 195.00
Categories :	Computer Science Engineering
Condition Type :	New
Country Origin :	India

Product Description

There are many books available in the market on the proposed topic but none of them can be termed as comprehensive, Besides, students face problem in understanding the language of the books. Seeing these problems, it struck our mind that we should come up with a book in Client/Server Computing, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and universities.



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

Table of Contents

Chapter 1: Client/Server Computing.

Chapter 2: Components of Client/Server Application.

Chapter 3: Client/Server System Development.

Chapter 4: Client/Server System Development Software.

Chapter 5: Network Interfaces.

Chapter 6: Client/Server Systems Development.

Chapter 7: Client/Server Training Concepts.

Short Questions & Answers Multiple Choice Questions & Answers Client/Server Computing Question Bank

Examination Papers

Author

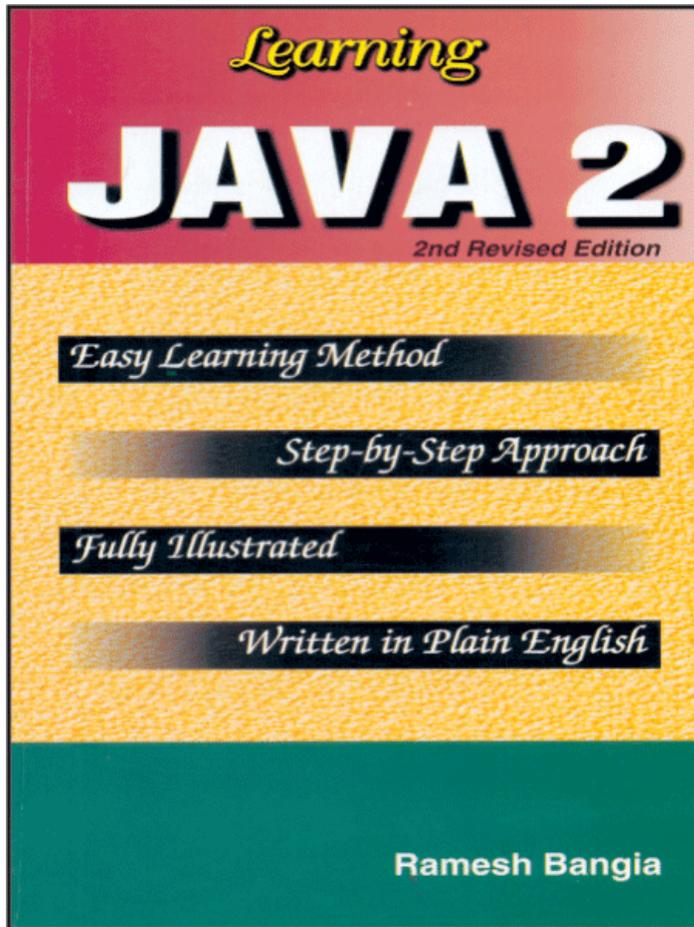
Munesh Chandra Trivedi "Prof. Munesh C. Trivedi has completed his graduation & post graduation in Computer Science and Ph. D. degree in Computer Science. He started his teaching career in engineering education from IEC College of Engineering & Technology, Greater Noida, India. He also served Krishna Institute of Engineering & Technology, Ghaziabad and I.I.T Kanpur as a Project Associate. Presently he is working in Institute of Management Studies, Ghaziabad, India since sept. 2007. He has rich experience in teaching the undergraduate and postgraduate classes. He has published 16 text books and he has been declared Author of Year 2008 as per Books Today survey. He has published more than 25 journal and conference papers in the area of Fractals, image processing, e-learning. He has delivered numerous invited and plenary conference presentations and seminars through Country and chaired the technical sessions in International and national conferences in India. He has delivered many invited talks in India. He is on the review panel of International Journal of Network Security and Computer & Education (Elsevier's Journal). He has been the member of board of studies of different Indian universities and member of organizing committee for various national and international seminars/workshops. He is member of CSI, IAE, and life member of ISTE."



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



Learning Java 2

Author :	Ramesh Bangia
ISBN 13 :	978-81-87522-78-2
ISBN 10 :	81-87522-78-X
E-ISBN 13 :	978-81-87522-78-2
Edition :	1
Pages :	268
Type of book :	Paperback
Weight (g) :	260.00
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	BASIC COMPUTER BOOKS, Learning Series
Condition Type :	New
Country Origin :	India

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 realise how difficult it is to master it. JAVA 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.



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

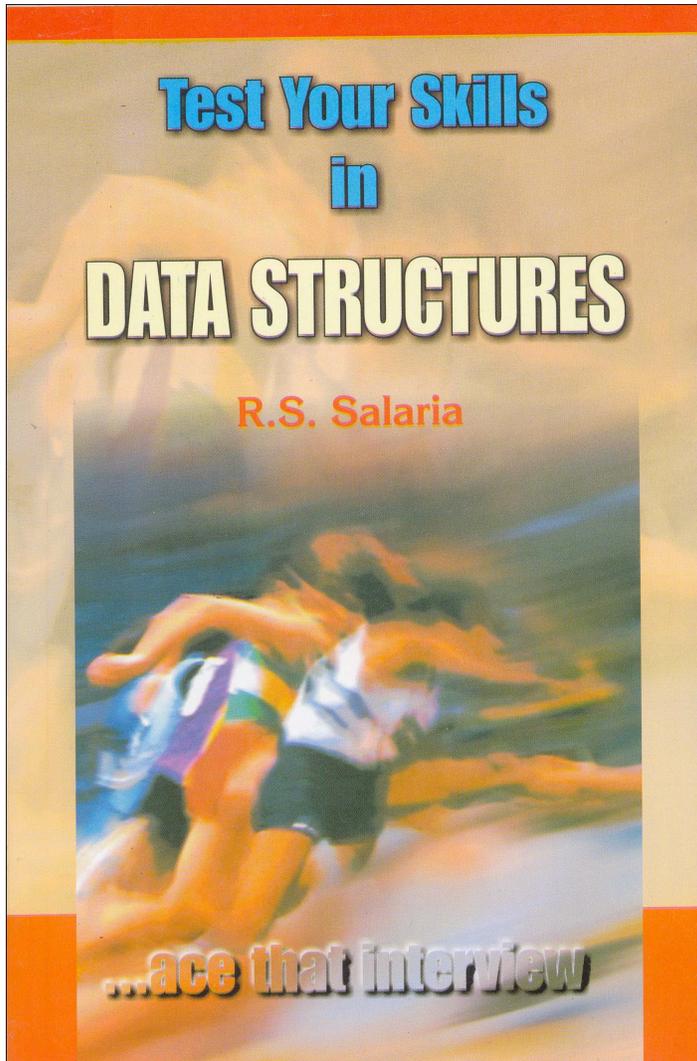
Table of Contents

Chapter 1: Introduction to JAVA. **Chapter 2:** JAVA and C++. **Chapter 3:** JAVA Programming. **Chapter 4:** Applets Programming. **Chapter 5:** Graphics using Applets. **Chapter 6:** Object Oriented Programming. **Chapter 7:** Interface Design with Swing. **Chapter 8:** What's Next. **Chapter 9:** 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 East and African countries.





Test Your Skills in Data Structures

Author :	R.S. Salaria
ISBN 13 :	978-81-87325-47-5
ISBN 10 :	81-87325-47-X
E-ISBN 13 :	978-81-87325-47-5
Edition :	1
Pages :	268
Type of book :	Paperback
Weight (g) :	280.00
Year :	2016
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 150.00
Categories :	OBJECTIVE TYPE BOOKS
Condition Type :	New
Country Origin :	India

Product Description

Data Structures is one of the important subjects in computer science. Understanding of various data structures and the choice of an appropriate data structure is very crucial for the success of any software. All IT companies want that students must be very good in conceptual as well as practical knowledge of Data structures. This book gives an ample opportunity to you to test/ evaluate your skills in Data structures. Plenty of multiple choice type questions. Plenty of true false type questions. Plenty of fill-in the blanks type questions. Plenty of short answer type questions.

Table of Contents

Some Useful Tips **Chapter 1:** Multiple Choice Type Questions. **Chapter 2:** True-False Type Questions. **Chapter 3:** Fill in the Blanks Type Questions. **Chapter 4:** Short Answer Type Questions. **Glossary**



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

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.



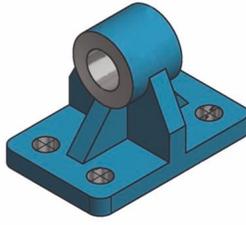
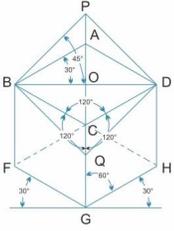
AICTE विहित पाठ्यपुस्तक आदर्श अभ्यासक्रमानुसार

परिणाम आधारित शिक्षणाधी सुसंगत

राष्ट्रीय शैक्षणिक धोरण 2020

इंजिनिअरिंग

ग्राफिक्स आणि डिझाईन



Engineering Graphics & Design

Author :	Pradeep Jain
ISBN 13 :	978-93-55380-22-7
ISBN 10 :	93-55380-22-4
E-ISBN 13 :	978-93-55380-22-7
Edition :	First
Pages :	268
Type of book :	Paperback
Weight (g) :	420.00
Year :	2022
Language :	Marathi
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Ebooks , Marathi Books
Condition Type :	New
Country Origin :	India

Product Description

This textbook "Engineering Graphics and Design" is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples. Salient Features: 1. Introduction of Engineering Drawing. 2. Orthographic Projection. 3. Projection of Solids. 4. Section of Solids and Development of Surfaces. 5. Isometric Projection. 6. Overview of Computer Graphics. 7. CAD Drawing. 8. Solid Modelling. 9. Team Design Project.



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

Table of Contents

Foreword

Acknowledgement

Preface

Outcome Based Education

Course Outcomes

Abbreviations and Symbols

List of Figures

List of Tables

Guidelines for Teacher

Guidelines for Students

Chapter 1: Introduction of Engineering Drawing.

Chapter 2: Orthographic Projection.

Chapter 3: Projection of Solids.

Chapter 4: Sectional Views of Solids.

Chapter 5: Isometric Projection.

Chapter 6: Overview of Computer Graphics.

Chapter 7: Customization & CAD.

Chapter 8: Annotation Layers and 3D Modelling.

Chapter 9: Projects.

Reference

CO and Po Attainment Table

Index.

Author

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.



Khanna Publishing House

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

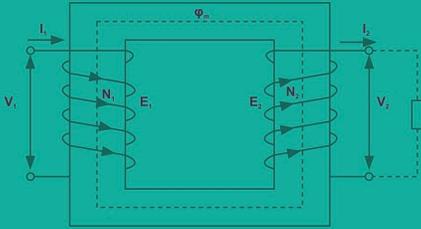
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

AICTE अनुशंसित पाठ्यपुस्तक - मॉडल पाठ्यक्रम के अनुसार

परिणाम आधारित शिक्षा के साथ संरेखित

राष्ट्रीय शिक्षा नीति 2020

विद्युत एवं इलेक्ट्रॉनिकी अभियांत्रिकी के मूलभूत सिद्धांत (लैब मैनुअल सहित)



सुसान एस. मैथ्यू
साजी टी. चाको

Fundamentals of Electrical and Electronics Engineering (with Lab Manual)

Author :	Saji T. Chacko
ISBN 13 :	978-93-55380-02-9
ISBN 10 :	93-55380-02-X
E-ISBN 13 :	978-93-55380-02-9
Edition :	First
Pages :	268
Type of book :	Paperback
Weight (g) :	300.00
Year :	2023
Language :	Hindi
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Ebooks , Hindi Books
Condition Type :	New
Country Origin :	India

Product Description

“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 units 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. 8. Solved and unsolved problems including numerical examples are solved with systematic steps.

Table of Contents

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**

Authors

Susan S. Mathew Saji T. Chacko



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

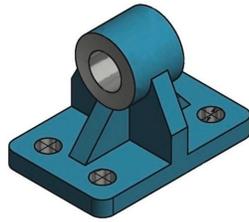
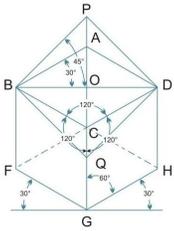
AICTE अनुशंसित पाठ्यपुस्तक - मॉडल पाठ्यक्रम के अनुसार

परिणाम आधारित शिक्षा के साथ संरेखित

राष्ट्रीय शिक्षा नीति 2020

इंजीनियरिंग

ग्राफिक्स एवं डिजाइन



Engineering Graphics & Design

Author :	Pradeep Jain
ISBN 13 :	978-93-55381-07-1
ISBN 10 :	93-55381-07-7
E-ISBN 13 :	978-93-55381-07-1
Edition :	First
Pages :	268
Type of book :	Paperback
Weight (g) :	420.00
Year :	2023
Language :	Hindi
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Ebooks , Hindi Books
Condition Type :	New
Country Origin :	India

Product Description

This textbook "Engineering Graphics and Design" is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples. Salient Features: 1. Introduction of Engineering Drawing 2. Orthographic Projection 3. Projection of Solids 4. Section of Solids and Development of Surfaces 5. Isometric Projection 6. Overview of Computer Graphics 7. CAD Drawing 8. Solid Modelling 9. Team Design Project.



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

Table of Contents

Foreword

Acknowledgement

Preface

Outcome Based Education

Course Outcomes

Abbreviations and Symbols

List of Figures

List of Tables

Guidelines for Teacher

Guidelines for Students

Chapter 1: Introduction of Engineering Drawing.

Chapter 2: Orthographic Projection.

Chapter 3: Projection of Solids.

Chapter 4: Sectional Views of Solids.

Chapter 5: Isometric Projection.

Chapter 6: Overview of Computer Graphics.

Chapter 7: Customization & CAD.

Chapter 8: Annotation Layers and 3D Modelling.

Chapter 9: Projects.

Reference

CO and Po Attainment Table

Index.

Author

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.



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