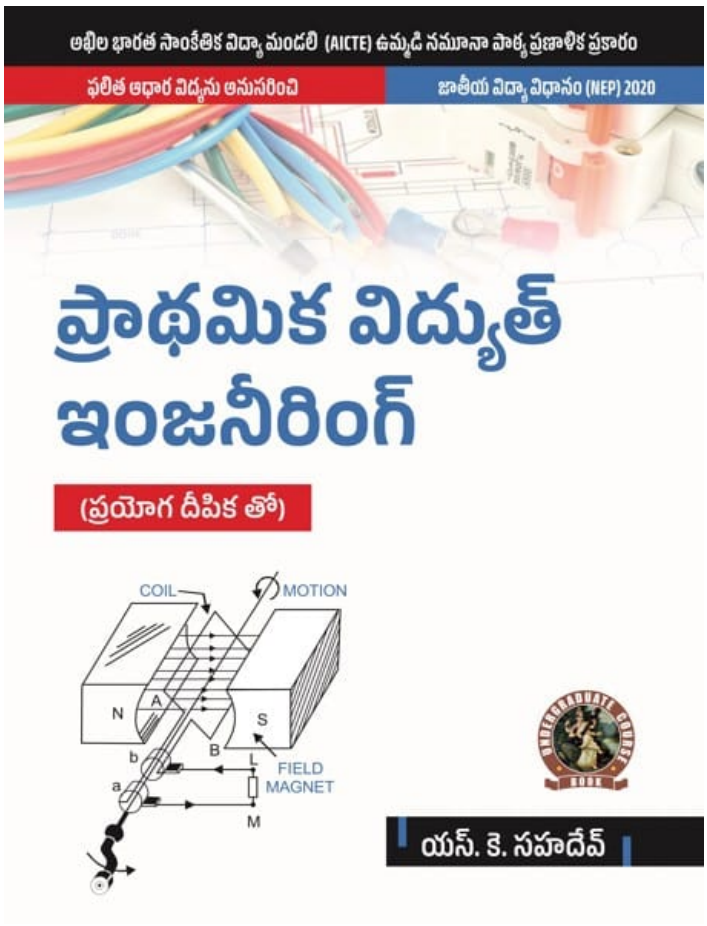

Basic Electrical Engineering (Theory & Lab)

Author :	S. K. Sahdev
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Condition Type :	New
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Product Description

This textbook “Basic Electrical Engineering” is based on the latest syllabus of the Universities AICTE and Educational Institutes. In this edition, some material of the book has been rewritten to make the presentation easily comprehensible. More illustrative examples mainly from IAS, IES and GATE and other competitive examinations have been added. Various problems with answers have been added to support the text. For quick revision, summary/ highlights are given at the end of each chapter. Salient Features: 1. DC Circuits. 2. AC Circuits. 3. Transformers. 4. Electrical Machines. 5. Power Converters. 6. Electrical Installations.

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Guidelines for Students,

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Chapter 2: AC Circuits. **Chapter 3:** Transformers. **Chapter 4:** Electrical Machines. **Chapter 5:** Power Converters. **Chapter 6:** Electrical Installations.

Author

S. K. SAHDEV

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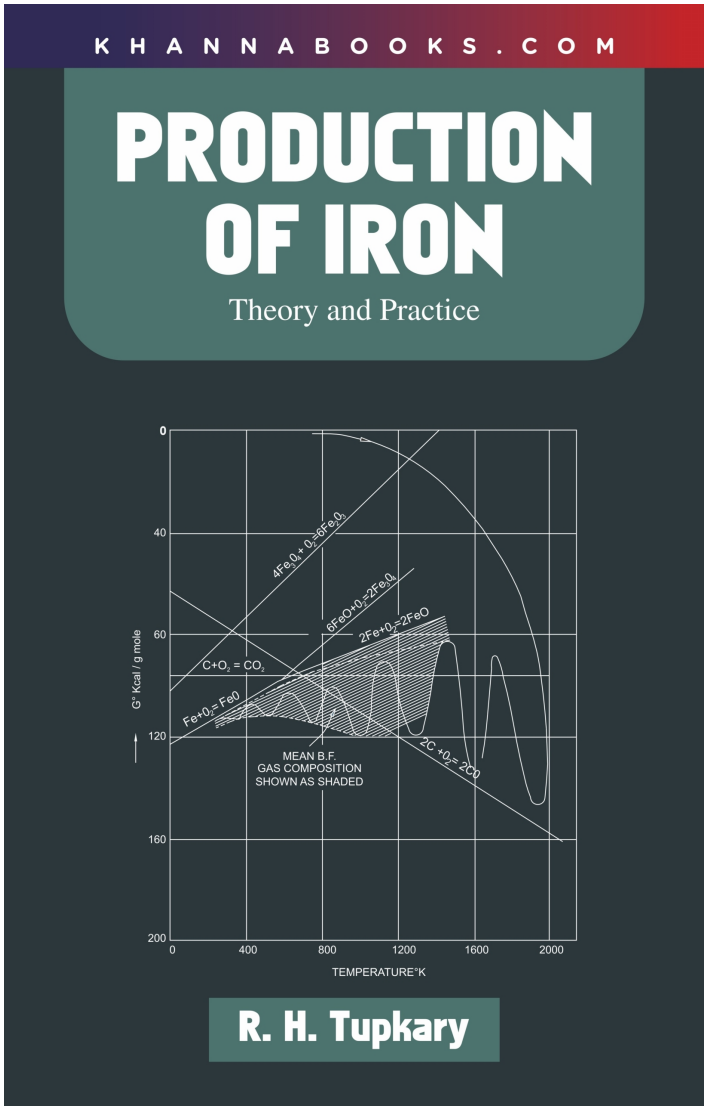

Production of Iron (Theory and Practice)

Author :	R. H. Tupkary
ISBN 13 :	978-93-55380-25-8
ISBN 10 :	93-55380-25-9
E-ISBN 13 :	978-93-55380-25-8
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Type of book :	Paperback
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M.R.P :	Rs 450.00
Categories :	Metallurgical Engineering
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Country Origin :	India

Product Description

Production of iron (Theory and Practice) "A good slag designer is essential for production iron efficiently" "In engineering and technology what can not be measured can not be controlled to improve the quality"

Table of Contents

Chapter 1: Irons. **Chapter 2:** Evolution. **Chapter 3:** Blast Furnace Complex. **Chapter4:** Refractory Lining. **Chapter 5:** Raw Materials- 1 Iron Ores and Coals. **Chapter 6:** Raw Material-2 Coke. **Chapter 7:** Burden Distribution. **Chapter 8:** Burden Preparation-1 Treatment of iron Ores. **Chapter9 :** Burden Preparation-2 Sintering. **Chapter 10:** Burden Preparation-3 Pelletization. **Chapter 11:** Characterisation of Charge. **Chapter 12:** Principles. **Chapter 13:** Construction. **Chapter 14:** Operation. **Chapter 15:** Irregularities. **Chapter 16:** Off-gas-Cleaning and Utilization. **Chapter 17:** Slag and Metal. **Chapter 18:** Efficiency. **Chapter 19:** Modern Design And Practice. **Chapter 20:** Operation Control. **Chapter 21:** Alternative Routes-1 Low Shaft and MBF. **Chapter 22:** Alternative Routes-2Electro-Thermal Processes. **Chapter 23:** Alternative Routes-3 Sponge Iron Production. **Chapter 24:** Alternative Routes-4 Smelting Reduction (SR). **Appendix References Index**

Author

Dr. R. H. Tupkary graduated in Metallurgical Engineering from Banaras Hindu University in 1959 with distinction . He obtained Master of Engineering Science in 1963 and Ph. D in 1966 from University of Melbourne. He worked as Lecturer and Assistant Professor in BHU and as Professor and Head in VNIT, Nagpur(India) from where he voluntarily retired 994. Thereafter he worked as Managing Director of Marathi ‘Tarun Bharat ‘ in Nagpur.

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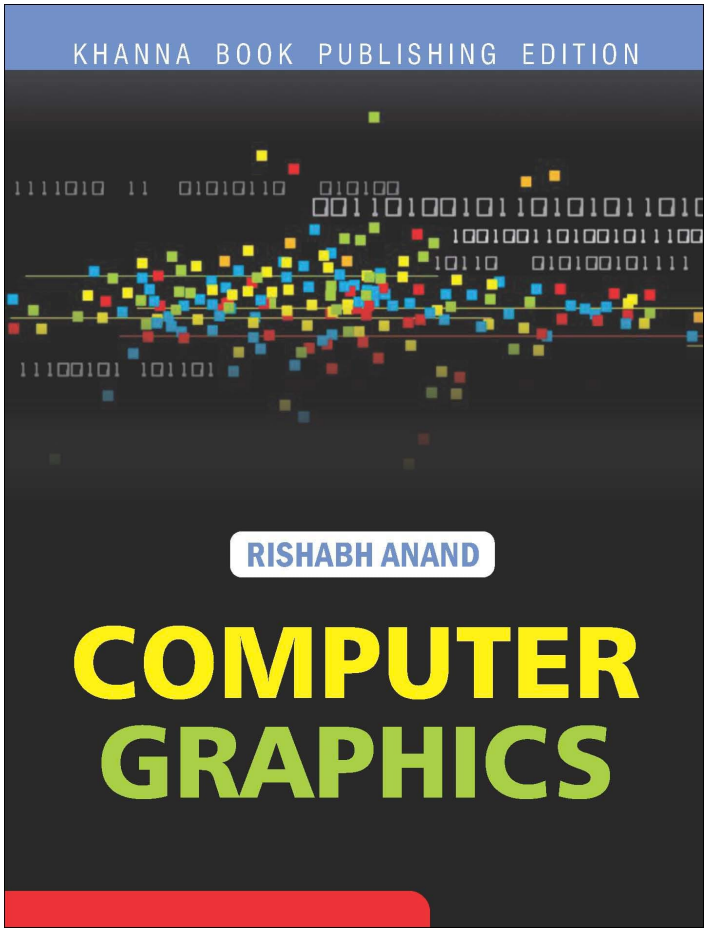

Computer Graphics (A Practical Approach)

Author :	Rishabh Anand
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ISBN 10 :	93-81068-96-8
E-ISBN 13 :	978-93-81068-96-0
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M.R.P :	Rs 350.00
Categories :	Computer Science Engineering
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Product Description

Discusses current computer graphics hardware and software systems techniques and applications. Explores algorithms for creating and manipulating graphics displays and techniques for implementation. Use of programming examples written in C to demonstrate the implementation and application of graphic algorithms. Detailed discussion of 2-D and 3-Dimensional concepts and techniques. A complete chapter dedicated to animation. Review questions are included at the end of each chapter. These exercises allow students additional practice with each of the topics covered in the book.

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Chapter 1: Basic Concepts In Computer Graphics. **Chapter 2:** Line, Circle & Character Generation. **Chapter 3:** Polygons. **Chapter 4:** Segments. **Chapter 5:** Transformation. **Chapter 6:** Windowing & Clipping. **Chapter 7:** 3-D Viewing, Projections & Clipping. **Chapter 8:** Hidden Surfaces & Lines. **Chapter 9:** Light, Color & Shading. **Chapter 10:** Curves & Fractals. **Chapter 11:** Interactive Graphics. **Chapter 12:** Graphical User Interface. **Chapter 13:** Graphics Kernel System. **Chapter 14:** Animation. **Appendix**

Author

Rishabh Anand Rishabh Anand received his Bachelor's degree B.E (Hons) in Electronics and Communication Engineering from Maharishi Dayanand University, Rohtak in 2006. The author is M.Tech. in Electronics and Communication Engineering from Veer Bahadur Singh Purvanchal University, Jaunpur in 2014, and MBA from Indian Institute of Management, Kozhikode in 2016. The Author is Program Diploma in Innovation Management from International Business Management Institute, Germany (Berlin) in 2020. The author has contributed to research publications in refereed, cited International Conferences and Journals, and attended many conferences, workshops, FDPs, and seminars. Also, he is the reviewer member of IJSDR Journal. He is a prolific author with 34 Text and Reference books to his credit, for B. Tech. (ECE/CSE/IT), M.Tech. (ECE/CSE/IT), BCA, MCA, and other courses of different Universities of India and overseas. His areas of interest include Software Project Management, Cloud Computing, Deep Learning, Tensor Flow, Python, R Programming and Machine Learning. He is currently working in ITES industry as a Global Service Delivery Manager. He is Project Management Professional (PMP)®, ITIL® Foundation Certificate in IT Service Management, PRINCE2® Practitioner Certification - Project Management, ScrumMaster® (CSM®), Certified Six Sigma White Belt (CSSWB™), Lean Six Sigma White Belt Certified (LSSWBC™) and Certified Six Sigma Green Belt™ (CSSGB™). The author delivers lectures as Visiting Faculty (Assistant Professor) in the Global Institute of Technology and Management, Farrukh Nagar, Gurgaon.

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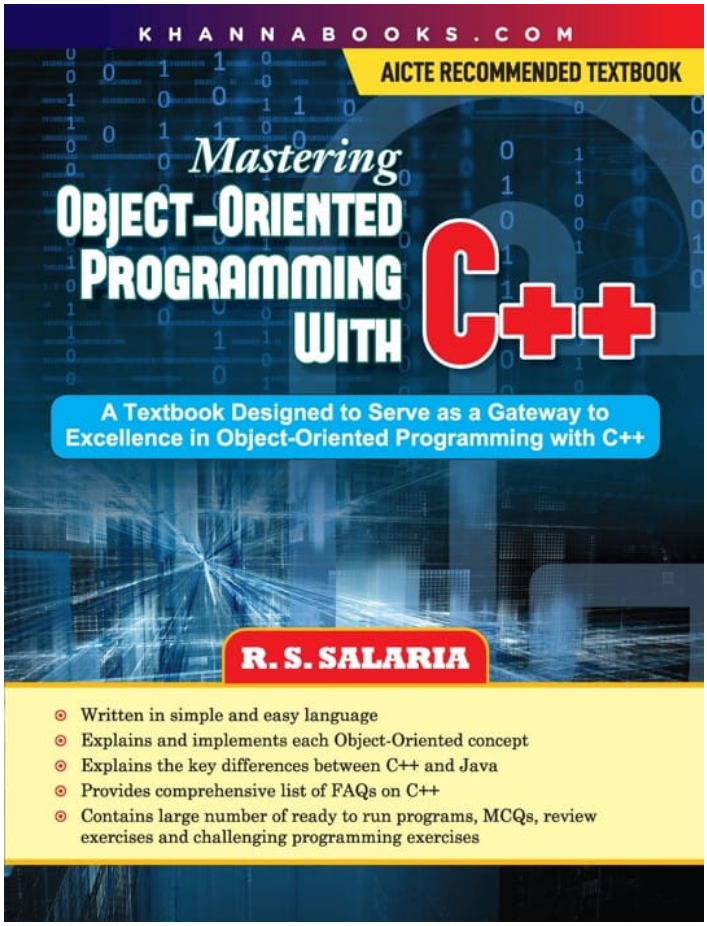

Mastering Object-Oriented Programming With C++

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Condition Type :	New
Country Origin :	India

Product Description

The C++ Programming Language is one of the popular programming language that support object-oriented programming in addition to procedural programming. All major IT companies are using C++ language as their preferred language in implementing substantial number of projects using object-oriented technology. To fulfill the requirement of these companies, all universities/institutions offering various courses on programming with C++ in their curriculum. This book is designed as a textbook for the students taking these courses. Throughout the book the level of presentation is kept simple and illustrative so that even and average reader can grasp the subject matter with quite ease practically this book will provide you everything you need on object-oriented programming with C++.

Table of Contents

Chapter 1: Introduction to Object-Oriented Programming.

Chapter 2: Migrating form C to C++.

Chapter 3: Standard Input/Output.

Chapter 4: Classes and Objects.

Chapter 5: Pointers and Dynamic Memory Management.

Chapter 6: Constructors and Destructors.

Chapter 7: Overloading and Type Conversion.

Chapter 8: Inheritance.

Chapter 9: Virtual Functions and Polymorphism.

Chapter 10: Exception Handling.

Chapter 11: Templates and Generic Programming.

Chapter 12: File Handling.

Chapter 13: Introduction to Standard Template Library (STL).

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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.

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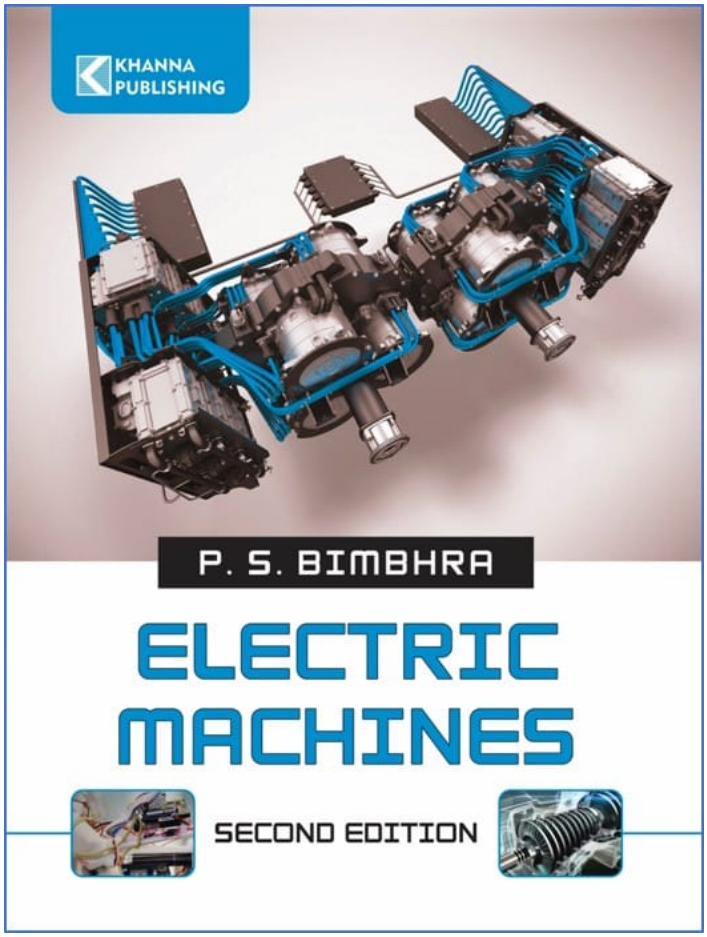

Electric Machines

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Categories :	Electrical, Electronics & Communication Engineering
Condition Type :	New
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Product Description

This book is suitable as a textbook for undergraduate courses in electric machines. Subject matter in each chapter in so developed from basic principles that an average student can understand it easily. Since the text is written in simple language, this book would be found suitable even for diploma students and AMIE candidates. GATE and UPSC candidates would also find the book quite useful.

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Chapter 1: Transformer. **Chapter 2:** Electromechanical Energy Conversion Principles. **Chapter 3:** Basic Concepts of Rotating Electric Machines. **Chapter 4:** D.C. Machines. **Chapter 5:** Synchronous Machines. **Chapter 6:** Three Phase Induction Motors. **Chapter 7:** Single Phase Motors. **Chapter 8:** Special Machines.

Author

Dr. P.S. Bimbhra retired as a professor of Electrical and Electronics Engineering from T.I.E.T. Patiala. A graduate of Punjab Engineering College, Chandigarh, he received his M.E. (Hons.) and Ph.D. from IIT Roorkee. He is fellow of the Institution of Engineers and a life member of ISTE. His areas of current interests include Electrical Machines, Power Electronics and Electric Drives.

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