

## Ferrous Metallurgical (Calculations and Design)

Author :	R. C. Gupta
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ISBN 10 :	93-55386-82-6
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Language :	English
Publisher :	Khanna Publishing House
M.R.P:	Rs 495.00
Categories :	Metallurgical Engineering
Condition Type :	New
Country Origin :	India

#### **Khanna Publishing House**

#### **Product Description**

This book is a unique combination of ferrous metallurgical calculations and unit design. The book is divided in two arts each having eight chapters. The part one on ferrous metallurgical calculations gives method to calculate mass balance, chemical analysis of the product and waste materials including exit gases. This part one covers Coal & It's Properties, Combustion of Fuels, Coke Making, Iron Ore Agglomeration, Blast Furnace Iron Making, Alternate Methods of Iron Making, Ferroalloy Preparation and Melting Metal & Alloys. The second part on Ferrous Metallurgical Unit Design may be a globally first attempt to provide method of estimating basic design dimensions of some metallurgical units. This part covers Chimney & Draught, Coke Oven, Blast Furnace, DRI Kiln, Ladle Cupola, Basic Oxygen Steel Making Furnace, and Electric arc Furnace. In addition, the appendices provide weight, Measure & Science Laws, Mathematical Formulae, Unit Conversion Tables, Useful Data, Commonly Used Materials, Raw, Materials for Iron & Steel Making, Fuels and their Properties and Steel Plant Waste materials. Keys features 1. A useful book for Academic Staff & Students in Metallurgical Engineering, Still Plant Executives, Metallurgical Consultants, Steel Plant Managers, Chartered Engineers, and Auditors. 2. A Metallurgical Engineering book giving calculation method for mass balance, product & waste analysis in various ferrous metallurgical processes. 3. A first book to give method for designing metallurgical units e.g. coke oven, blast furnace, DRI Kiln, BOF, EAF, Ladle, Cupola etc. 4. Each chapter starts with introduction to highlight importance before giving calculation or design & each chapter gives projects for students. Some reference for further reading is also given at the end of chapters.

## **Table of Contents**

Part A: Ferrous Metallurgical Calculations Chapter 1: Coal and its Properties. Chapter 2: Combustion of Fuels.
Chapter 3: Coke Making. Chapter 4: Iron Ore Agglomeration. Chapter 5: Blast Furnace Iron Making. Chapter 6:
Alternate Methods of Iron Making. Chapter 7: Ferroalloy Making. Chapter 8: Melting Metals & Alloy. Part B:
Ferrous Metallurgical Unit Design. Chapter 9: Chimney & Draught. Chapter 10: Coke Oven Dimensions.
Chapter 11: Blast Furnace Dimensions. Chapter 12: DRI Kiln Dimensions. Chapter 13: Ladle Dimensions. Chapter 14: Cupola Dimensions. Chapter 15: Basic Oxygen Steel Making. Chapter 16: EAF Steel Making. Appendix



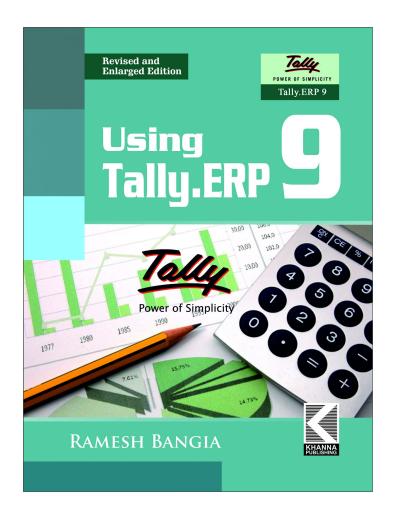
#### Khanna Publishing House

#### Author

**Prof. R C Gupta** is an alumni, Former Professor and Head, Department of Metallurgical Engineering (Advanced Centre in Metallurgy), Institute of Technology (now IIT-BHU), Banaras Hindu University, Varanasi (India). In his four decades (1970-2010) teaching and research carrier he guided many students for their PhD, M. Tech., and B. Tech. degree in Metallurgy. He held various positions in national & international forums including Ministry & Forest (Delhi-GOI) & Pollution Control Board (Bhubaneswar-Odisha State). The Author is globally known by his three popular PHI (Delhi) textbooks: Theory & Laboratory Experiments in Metallurgy ( 2009 & 2025), Energy & Environmental Management in Metallurgical Industries (2012), and Fuels Furnaces & Refractories (2016). His chapter on Energy Resources, Its Role, and Use in Metallurgical Industries in Elsevier's publications (2014 & 2024) on Treatise in Process Metallurgy (Chief Ed. Sheshadri Seetharaman) has made global imprint. In view of his books and other research publications (>140 nos.) the author is included in world top 2% scientist prepared by a Group of Professors at Stanford University (USA) in 2020.



#### **Khanna Publishing House**



Using	Tally.	ERP 9	

Author :	Ramesh Bangia
ISBN 13 :	978-93-80016-35-1
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Pages :	408
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Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P:	Rs 275.00
Categories :	BASIC COMPUTER BOOKS
Condition Type :	New
Country Origin :	India

## **Product Description**

Tally is an accounting software, very popular with the accountants and other computer users who need to do some accounting over the computer. It not only helps you in maintaining the accounts, but also helps you in taking care of your inventory, billing, invoicing, payroll, etc. No wonder it is the most popular one among its competitors. Various versions of the software are available in the market, with the latest being tally.ERP9. This version takes the helps of net technology to raise the level of the software to the networking level and makes it users friendly with the networking atmosphere. Though most of the other aspects of the software remain the same, quite a number of reports have been added to make the software more user friendly and result oriented.



#### Khanna Publishing House

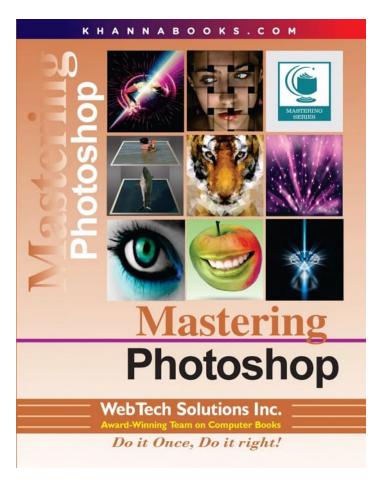
Chapter 1: New Features in Tally ERP 9.0 Series A Release 1.0 and 1.51. Chapter 2: Installation of Tally ERP 9.0 Series A Release 1.0. Chapter 3: Data Migration. Chapter 4: Maintaining Company in Tally ERP 9. Chapter 5: Advance Features of Tally ERP 9. Chapter 6: Accounting Reports in Tally ERP 9. Chapter 7: Inventory Reports in Tally ERP 9. Chapter 8: Other Reports in Tally ERP 9 . Chapter 9: Tally Net. Chapter 10: Fundamentals of Accounting and Inventory. Chapter 11: A Project. Chapter 12: Keyboard Shortcuts.

### 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 Ease and African countries.



#### **Khanna Publishing House**



## **Mastering Photoshop**

Author :	WebTech Sol.
ISBN 13 :	978-93-82609-62-9
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M.R.P:	Rs 398.00
Categories :	ADVANCE COMPUTER BOOKS, Mastering Series
Condition Type :	New
Country Origin :	India

## **Product Description**

BY way of this book, mastering Photoshop has become faster and easier as all the relevant information and step-by step approach has been followed in simple plain English. It is designed very systemically and logically. The basic concepts have been taught in depth with lots of examples and screen shots. A large number of unsolved as well as solved exercises have been included for the benefit of the readers.



Chapter 1: Foundation of Photoshop. Chapter 2: Menu Commands of Photoshop. Chapter 3: Color Options of
Photoshop. Chapter 4: Setting up of Photoshop. Chapter 5: Making Selection in Photoshop. Chapter 6: Layering
Your Image in Photoshop. Chapter 7: Working with Type in Photoshop. Chapter 8: Drawing Paths in Photoshop.
Chapter 9: Creating and Applying Colors in Photoshop. Chapter 10: History Tools in Photoshop. Chapter 11: Using
Channels and Quick Mask. Chapter 12: Sizing and Transforming Images. Chapter 13: Capturing Images. Chapter 14: Color Management and Printing. Chapter 15: Adjusting Tonality and Colors. Chapter 16: Modifying and
Mapping Colors. Chapter 17: Duotones and Spot Colors. Chapter 18: Photo Retouching. Chapter 19: Filters of
Photoshop. Chapter 20: Making Difficult Selections. Chapter 21: Making Difficult Selections. Chapter 22:
Automating the Process. Chapter 23: Overlay Techniques. Chapter 24: Web Design and Photoshop. Chapter 25:
Photoshop and Digital Video. Chapter 26: File Formats. Chapter 27: 3D Tools and Applications. Chapter 28:
Blending Modes. Chapter 29: Keyboard Shortcuts of Photoshop.

### Author

**WebTech Sol.** WebTech Solutions Inc. is one of the pioneers of the technology industry. Webtech Solution Inc. is a leading IT development company bringing the latest technologies in a short span of time. Its professional research team aims to deliver the latest information on the best ways to analyze, develop, test, debug and tune best development skills including technical coding and theoretical concepts of IT. Its main aim is committed to excellence: excellence in its range and quality of publishing; excellence in dedication to its authors and excellence in the service it provides to the readers.



#### Khanna Publishing House

System Software

#### KHANNA BOOK PUBLISHING EDITION

**DR. IKVINDERPAL SINGH** 

# SYSTEM SOFTWARE AN INTRODUCTION TO SYSTEMS PROGRAMMING

Author :	Ikvinderpal Singh
ISBN 13 :	978-93-81068-71-7
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M.R.P:	Rs 325.00
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Condition Type :	New
Country Origin :	India

## **Product Description**

Fundamental concepts are introduced in simple terms, Numerous examples are included to illustrate concepts and techniques. The sequence of topics is well planned to provide a seamless transition from design to implementation. Fundamental concepts and basic design of each type of software in a machine-independent way. With each chapter, the continuity of topics is excellent. The figures appropriately enhance and amplify the topics. The exercises can be found at the end each chapter. Other sections are devoted to DBMS, text editor and interactive debugging systems.

## **Table of Contents**

Chapter 1: Introduction. Chapter 2: Programming Language. Chapter 3: Assemblers. Chapter 4: Macro
Processors. Chapter 5: Compilers. Chapter 6: Loaders And Linkage Editors. Chapter 7: Operating System.
Chapter 8: System Software Tools.



#### **Khanna Publishing House**

## 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.





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Munesh Chandra Trivedi | Dr. Sanjay M. Shah

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Country Origin :	India

**Digital Image Processing** 

## **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 A Classroom approach of Digital Image processing, which should be simple enough to comprehend and comprehensive enough to encompass all the topics of different institutions and Universities.

## SINCE 1962

Khanna Publishing House

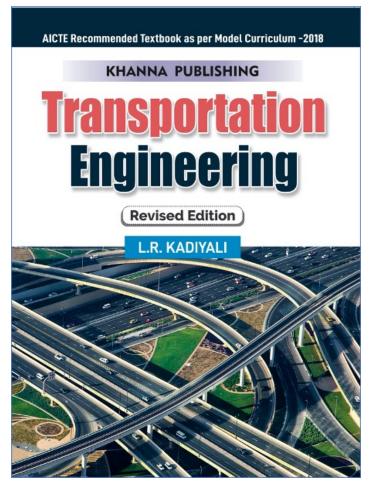
Chapter 1: Introduction to Image Processing. Chapter 2: Image Enhancement in Spatial Domain. Chapter 3:
Image Enhancement in Frequency Domain. Chapter 4: Image Restoration. Chapter 5: Color Image Processing.
Chapter 6: Morphological Image Processing. Chapter 7: Registration. Chapter 8: Image Segmentation. Chapter 9: Feature Extraction. Chapter 10: Object Recognition. Chapter 11: Image Coding and Compression. Chapter 12: Introduction to Matlab.

## 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 throught 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**



Author :	L.R. Kadiyali
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M.R.P:	Rs 399.00
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Condition Type :	New

**Transportation Engineering** 

Country Origin : India

## **Product Description**

India's Transport System has several deficiencies such as inadequate capacity, poor safety record, emission of pollutants and outmoded technology. But as the economy is poised for a big growth in the coming years transportation engineers will have to come up with innovative ideas. The book addresses these issues and it is hoped that the engineering students studying transportation engineering will have a clear idea of the problems involved and how they transportation engineering will have a clear idea of the problems involved and how they can be overcome in their professional career. This book has been designed keeping in mind the latest syllabi of all major Indian Universities.



#### Khanna Publishing House

SECTION-1: TRANSPORTATION SYSTEMS AND PLANNING Chapter 1: Introduction. Chapter 2: Role of Transport in Society. Chapter 3: Modes of Transport and Criteria for Choice. Chapter 4: Transport Planning. **SECTION-2: HIGHWAY ENGINEERING Chapter 5:** History of Growth of Highways. Chapter 6: Development of Roads in India After Independence. Chapter 7: Geometric Design. Chapter 8: Surveys, Investigations and Project Preparation. Chapter 9: Embankment Design and Construction. Chapter 10: Highway Drainage. Chapter 11: Cross Drainage Structures. Chapter 12: Types of Pavements and Factors Governing Pavement Design. **Chapter 13:** Design of Flexible Pavement. Chapter 14: Design of Rigid Pavements. Chapter 15: Pavement Materials. Chapter 16: Construction of Pavements. Chapter 17: Maintenance of Highways. Chapter 18: Use of Geosynthetics in Highway Engineering. Chapter 19: Urban Roads. Chapter 20: Hill Roads. Chapter 21: Road in Desert Areas. Chapter 22: Toll Roads. Chapter 23: Quality Assurance. **Chapter 24:** Highway Administration and Finance. Chapter 25: Traffic Engineering.

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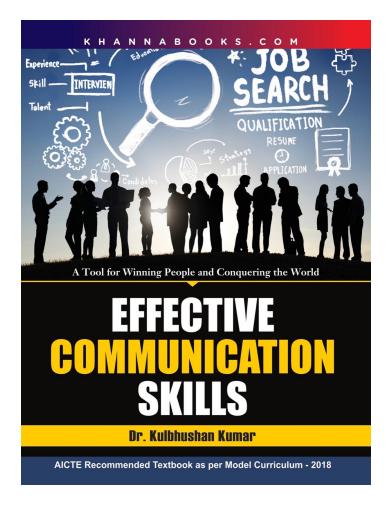


## Author

**Dr. L. R. Kadiyali** is B.E.(Hons.), from Bombay and pursued Ph.D. from Kakatiya University. He has done P.G. diploma in Highway and Traffic Engineering from Newcastle-Upon-Tyne. He is Formerly Chief Engineer, (Roads Wig), Ministry of Road Transport & Highways, New Delhi and Study Director, Road User Coast Study, Central Road Research Institute New Delhi.



#### **Khanna Publishing House**



# **Effective Communication Skills**

Author :	Kul Bhushun Kumar
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Categories :	APPPLIED SCIENCES & HUMANITIES, APPPLIED SCIENCES & HUMANITIES
Condition Type :	New
Country Origin :	India

## SINCE 1962

#### Khanna Publishing House

#### **Product Description**

The Books in your hand is a modest attempt to discuss the kaleidoscopic nature and paramount international significance of English Language and of Communication Skills. The purpose of the book is to familiarize its readers with different aspects and genre of business communication. So, to solve the purpose, the book has been divided into fifteen chapters. Introduction to Communication Skills · Types of Communication · Listening Skills · Speaking Skills · Writing Skills · Oral Presentation Skills · Writing Business Letter · Report, Tenders, Business Proposal, · Memorandum · Resume Writing · Group Discussion · Conducting Meetings Telephone Skills · Grammar · Interview Skills The purpose of the book is empower students with the language and life skills they need to carry out their career goals. The book provides ample opportunities for students to build development and practice the language in real-life scenarios. Its integrated skills approach develops the students' self-confidence to survive and succeed in professional and social encounters within the English speaking global community. Emphasis is on developing the life skills students' need to deal with situations that they will encounter in the job market. Therefore, the book provides students with the language and life skills necessary to pursue business related career goals.



#### **Khanna Publishing House**

- Chapter 1: Introduction to Communication Skills.Chapter 2: Types of Communication.Chapter 3: Listening Skills.
- Chapter 4: Speaking Skills.
- Chapter 5: Reading Skills.
- Chapter 6: Writing Skills.
- Chapter 7: Oral Presentation Skills.
- Chapter 8: Writing Business Letters.
- Chapter 9: Reports, Memos, Orders.
- Chapter 10: Resume.
- Chapter 11: Group Discussion.
- Chapter 12: Conducting Meeting.
- Chapter 13: Telephone Skills.
- Chapter 14: Grammar.
- Chapter 15: Interview Skills.

## Author

**Kulbhushan Kumar** Associate Professor & Head Department of English & Communication Skills Eternal University, Baru Sahib-173101 (Himachal Pradesh).



#### **Khanna Publishing House**