



KHANNA'S CATALOGUE

— 2025-26 —

Khanna Publishing House has been a part of the publishing industry for over sixty years having been founded in 1962. The focus has been and continues to publish books on Engineering and Technology. Some of our books have come to be revered as iconic publications by the publishing industry, the faculty and the students across geographies. All our books have a central theme in structure – easy language, in-depth coverage, plenty of explanatory examples, solved and unsolved practical exercises and most affordable pricing. We take care to choose best of the authors to bring in excellence.

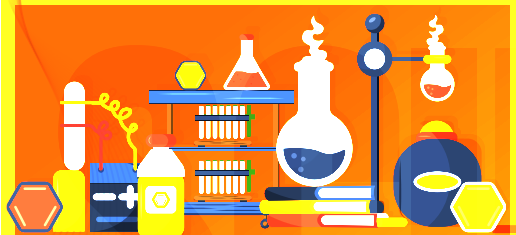


Many eminent academicians including Vice Chancellors, Deans and professors of various Universities and distinguished writers have appreciated the publications. Khanna Publishing has been honoured with many accolades and appreciations from different ministries and educational bodies.

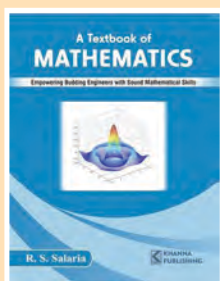
The excellence efforts shall continue for all times to come.

CONTENTS

1. Applied Sciences	1-8	11. Electrical, Electronics & Communication Engineering	110-123
2. Architecture	9-10	12. Emerging Technologies	124-138
3. Automobile Engineering	11-13	13. Environmental Engineering	139-140
4. Advance Computer Books (Mastering Series)	14-18	14. Fire & Safety Engineering	141
5. Basic Computer Books (Learning Series)	19-30	15. General Titles	142-146
6. Chemical Engineering	31-36	16. ISTE Series	147-158
7. Civil & Mechanical Engineering	37-53	17. Metallurgical Engineering	159-162
8. Computer Science Engineering/Information Technology	54-105	18. Objective Type Books For Competition	163-172
9. DOEACC Books	106-107	19. Project Books	173-174
10. Education and Knowledge Systems	108-109	20. Science and Cosmology	175-176
		21. Social Engineering	177
		22. AICTE Prescribed Textbook as per NEP 2020	178-185



APPLIED SCIENCES



A TEXTBOOK OF MATHEMATICS

R.S. Salaria

ISBN: 9789389139020

Pages: 420

Year: 2019

Language: English

CONTENTS:

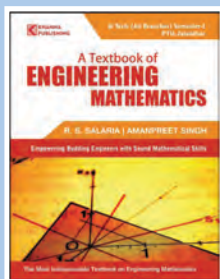
Chapter 1: Matrices;

Chapter 2: Infinite Series;

Chapter 3: Partial Derivatives;

Chapter 4: Multiple Integrals;

Chapter 5: Vector Calculus



A TEXTBOOK OF ENGINEERING MATHEMATICS (PTUI)

**R.S. Salaria,
Amanpreet Singh**

ISBN: 9789382609988

Pages: 504

Year: 2016

Language: English

CONTENTS:

Chapter 0: Useful Formulae, Theorems and Results;

Chapter 1: Differential Calculus ;

Chapter 2: Partial Derivatives;

Chapter 3: Applications of Partial Differentiation;

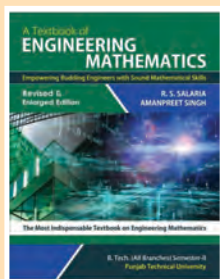
Chapter 4: Integral Calculus;

Chapter 5: Introduction to Three Dimensional Geometry;

Chapter 6: Multiple Integrals;

Chapter 7: Vector Calculus;

Chapter 8: Applications of Vector Calculus



A TEXTBOOK OF ENGINEERING MATHEMATICS (PTUII)

R.S. Salaria

ISBN: 9789382609919

Pages: 556

Year: 2016

Language: English

CONTENTS:

Chapter 0: Useful Formulae, Theorems and Results;

Chapter 1: Ordinary Differential Equations of First Order

Chapter 2: Liner Ordinary Differential Equations of Second and Higher Order;

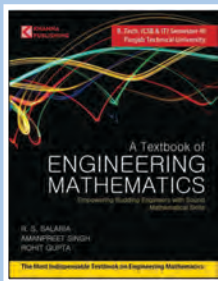
Chapter 3: Applications of Differential Equations

Chapter 4: Linear Algebra;

Chapter 5: Infinite Series

Chapter 6: Complex Numbers

APPLIED SCIENCES



A TEXTBOOK OF ENGINEERING MATHEMATICS (PTUIII)

R.S. Salaria

ISBN: 9789382609995

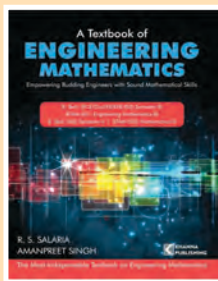
Pages: 430

Year: 2016

Language: English

CONTENTS:

Chapter 0: Useful Formulae, Theorems and Results;
Chapter 1: Fourier Series;
Chapter 2: Laplace Transformations;
Chapter 3: Partial Differential Equations;
Chapter 4: Functions of Complex Variables;
Chapter 5: Linear Systems and Eigen-Values;
Chapter 6: Numerical Solution of Ordinary Differential Equations;
Chapter 7: Probability Distributions;
Chapter 8: Sampling Distribution and Testing of Hypothesis



A TEXTBOOK OF ENGINEERING MATHEMATICS III (ECE/CIVIL/EE/EEE/ELE)

R.S. Salaria

ISBN: 9789382609896

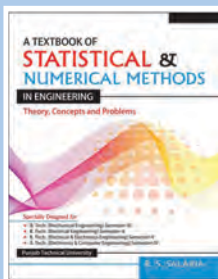
Pages: 520

Year: 2016

Language: English

CONTENTS:

Chapter 0: Useful Formulae, Theorems and Results;
Chapter 1: Fourier Series;
Chapter 2: Laplace Transformations;
Chapter 3: Special Functions;
Chapter 4: Partial Differential Equations;
Chapter 5: Applications of Partial Differential Equations;
Chapter 6: Functions of Complex Variables



A TEXTBOOK OF STATISTICAL & NUMERICAL METHODS IN ENGINEERING

R.S. Salaria

ISBN: 9789382609957

Pages: 452

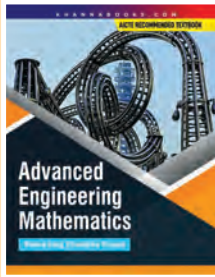
Year: 2016

Language: English

CONTENTS:

Chapter 1: Data, Its Arrangements and Measures;
Chapter 2: Probability and Probability Distributions;
Chapter 3: Sampling and Sampling Distributions;
Chapter 4: Errors in Numerical Calculations;
Chapter 5: Solution of Algebraic and Transcendental Equations;
Chapter 6: Interpolation Methods;
Chapter 7: Curve Fitting;
Chapter 8: Numerical Differentiation;
Chapter 9: Numerical Integration;
Chapter 10: Solution of Linear Systems of Equations;
Chapter 11: Numerical Solution of Ordinary & Partial Differential Equations;

APPLIED SCIENCES



ADVANCED ENGINEERING MATHEMATICS

AICTE RECOMMENDED

**Reena Garg,
Chandrika Prasad**

ISBN: 9789386173522

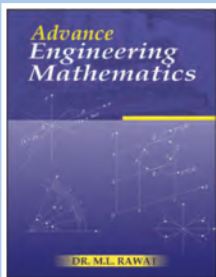
Pages: 1032

Year: 2023

Language: English

CONTENTS:

- Chapter 1:** Matrices and ITS Applications;
- Chapter 2:** Application to Geometry;
- Chapter 3:** Coordinate Geometry of Three Dimensions;
- Chapter 4:** Expansion of Functions (Taylor's and Maclaurin's Series);
- Chapter 5:** Partial Differentiation;
- Chapter 6:** Reduction Formlae: Definite Integrals;
- Chapter 7:** Vector Calculus;
- Chapter 8:** Infinite Series;
- Chapter 9:** Fourier Series;
- Chapter 10:** Differentiation;
- Chapter 11:** Partial Differential Equations;
- Chapter 12:** Function of a Complex Varibale;
- Chapter 13:** Laplace Transforms and ITS Application
- Chapter 14:** Fourier Transform and ITS Application;
- Chapter 15:** Empirical Laws and Curve Fitting;
- Chapter 16:** Solution to Numerical, Algebraic and Trabscendental Equation;
- Chapter 17:** Numerical Solution of Ordinary Differential Equations;
- Chapter 18:** Numerical Solution of Partial Differential Equations



ADVANCE ENGINEERING MATHEMATICS

M.L. Rawat

ISBN: 9788190675871

Pages: 1575

Year: 2014

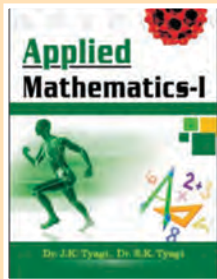
Language: English

CONTENTS:

- Chapter 1:** Solutions of Algebraic Equations and curve-fitting
- Chapter 2:** Linear Algebra: Determinants;
- Chapter 3:** Matrices, Determinants and Matrices;
- Chapter 4:** Vectors and 3-Dimensional Analysis Geometry;
- Chapter 5:** Ordinary Differentiation and Its Applications;
- Chapter 6:** Partial Differentiation and Its Applications;
- Chapter 7:** Single Integrals with Applications Multiple Integrals with Their Applications;
- Chapter 8:** Vector Calculus;
- Chapter 9:** Convergence and Divergency of Infinite Series;
- Chapter 10:** Fourier Series;
- Chapter 11:** Ordinary Differential Equations of Order One;

...

APPLIED SCIENCES



APPLIED MATHEMATICS-I

AICTE RECOMMENDED

J.K. Tyagi, S.K. Tyagi

ISBN: 9789380016177

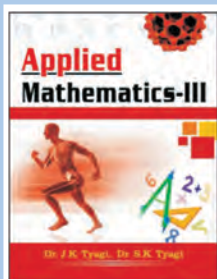
Pages: 485

Year: 2010

Language: English

CONTENTS:

Chapter 1: Differential Calculus;
Chapter 2: Integral Calculus;
Chapter 3: Ordinary Differential Equations;
Chapter 4: Vector Calculus; Tutorials Sheets



APPLIED MATHEMATICS-III

AICTE RECOMMENDED

J.K. Tyagi, S.K. Tyagi

ISBN: 9789380016238

Pages: 288

Year: 2009

Language: English

CONTENTS:

Chapter 1: Partial Differently Equations;
Chapter 2: Fourier Series;
Chapter 3: Laplace Transformation;
Chapter 4: Linear Programming



BUSINESS STATISTICS

AICTE RECOMMENDED

J.K. Tyagi

ISBN: 9789380016337

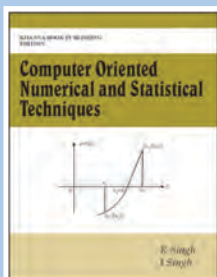
Pages: 338

Year: 2010

Language: English

CONTENTS:

UNIT-I: Problem Set 1.1; Problem Set 1.2;
 Problem Set 1.3; Problem Set 1.4;
 Problem Set 1.5; Problem Set 1.6;
 Problem Set 1.7; Problem Set 1.8;
UNIT-II: Problem Set 2.1; Problem Set 2.2;
 Problem Set 2.3; Problem Set 2.4
UNIT-III: Problem Set 3.1; Problem Set 3.2;
 Problem Set 3.3; Problem Set 3.4;
 Problem Set 3.5; Problem Set 3.6
UNIT-IV: Problem Set 4.1; Problem Set 4.2;
 Problem Set 4.3; Problem Set 4.4;
 Problem Set 4.5; Problem Set 4.6;
 Problem Set 4.7; Problem Set 4.8



COMPUTER ORIENTED NUMERICAL AND STATISTICAL TECHNIQUES

R. Singh, I. Singh

ISBN: 9789380016788

Pages: 882

Year: 2010

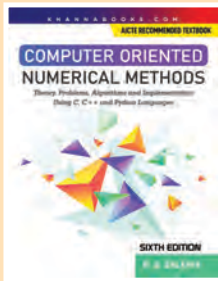
Language: English

CONTENTS:

Chapter 1: Computer Basics for Numerical Problems;
Chapter 2: Numerical Analysis;
Chapter 3: Errors and their Analysis;
Chapter 4: Solution of Transcendental and Polynomial Equations;
Chapter 5: Interpolation
Chapter 6: Solution of Linear Equations;
Chapter 7: Numerical Differentiation;
Chapter 8: Numerical Integration;
Chapter 9: Solution of Ordinary Differential Equations;

...

APPLIED SCIENCES



COMPUTER ORIENTED NUMERICAL METHODS

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789389139006

Pages: 468

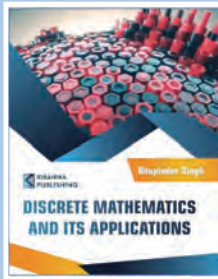
Year: 2023

Edition: Sixth

Language: English

CONTENTS:

Chapter 1: Preamble;
Chapter 2: Data Representation And Computer Arithmetic;
Chapter 3: Solution of Non- Linear Equations;
Chapter 4: Matrices And Determinants;
Chapter 5: Solution of System of Linear Equations;
Chapter 6: Interpolation & Approximation;
Chapter 7: Curve Fitting And Method of Least Squares;
Chapter 8: Numerical Differentiation;
Chapter 9: Numerical Integration;
Chapter 10: Solution Of Ordinary Differential Equations



DISCRETE MATHEMATICS AND ITS APPLICATIONS

Bhupinder Singh

ISBN: 9798187325245

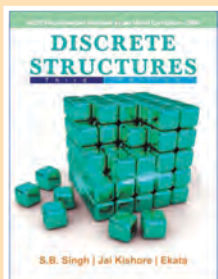
Pages: 556

Year: 2020

Language: English

CONTENTS:

Chapter 1: Set Theory;
Chapter 2: Mathematical Induction;
Chapter 3: Relations;
Chapter 4: Functions
Chapter 5: Combinatorial Analysis;
Chapter 6: Graph Theory;
Chapter 7: Planar Graphs, Colorations;
Chapter 8: Trees;
Chapter 9: Algebraic Systems;
Chapter 10: Posets and Lattices;
Chapter 11: Propositional Logic;
Chapter 12: Boolean Algebra;
Chapter 13: Finite State Machine;
Chapter 14: Recurrence Relations
Chapter 15: Generating Functions



DISCRETE STRUCTURES

S.B. Singh, Jai Kishore, Ekata

ISBN: 9789382609407

Pages: 680

Year: 2019

Language: English

CONTENTS:

Chapter 1: Combinatorics;
Chapter 2: Set Theory;
Chapter 3: Relations;
Chapter 4: Functions;
Chapter 5: Groups;
Chapter 6: Rings & Fields;
Chapter 7: Logic;
Chapter 8: Lattices;
Chapter 9: Boolean Algebra;
Chapter 10: Graph Theory;
Chapter 11: Automata

APPLIED SCIENCES



EFFECTIVE COMMUNICATION SKILLS

AICTE RECOMMENDED

Kulbhushan Kumar

ISBN: 9789382609940

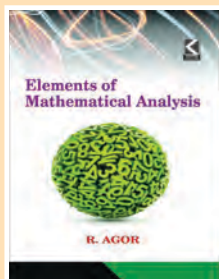
Pages: 408

Year: 2024

Language: English

CONTENTS:

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



ELEMENTS OF MATHEMATICAL ANALYSIS

R. Agor

ISBN: 9789382609599

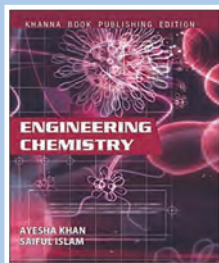
Pages: 292

Year: 2015

Language: English

CONTENTS:

Chapter 1: Number System;
Chapter 2: Determinants;
Chapter 3: Matrices;
Chapter 4: Eigen Values and Eigen Vectors;
Chapter 5: Numerical Analysis;
Chapter 6: Linear Programming



ENGINEERING CHEMISTRY

Saiful Islam, Ayesha Khan

ISBN: 9789381068984

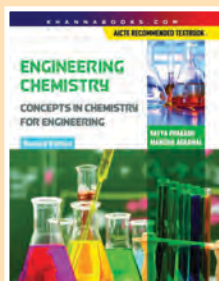
Pages: 252

Year: 2013

Language: English

CONTENTS:

Chapter 1: Chemical Bonding and States of Matter;
Chapter 2: Reaction Kinetics, Phase Rule and Electro Chemistry;
Chapter 3: Structural and Mechanistic Concepts of organics;
Chapter 4: Polymers and Organometallics;
Chapter 5: Analytical Methods and Fuels;



ENGINEERING CHEMISTRY

AICTE RECOMMENDED

Satya Prakash, Manisha Agarwal

ISBN: 9789380016757

Pages: 240

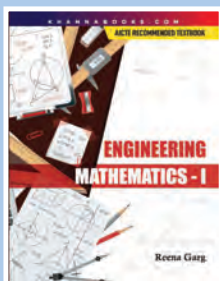
Year: 2024

Language: English

CONTENTS:

Chapter 1: Atomic and Molecular Structure;
Chapter 2: Spectroscopic Techniques and Applications;
Chapter 3: Intramolecular Forces and Potential Energy Surfaces;
Chapter 4: Use of Free Energy in Chemical Equilibria;
Chapter 5: Periodic Properties;
Chapter 6: Stereochemistry and Organic Reactions

APPLIED SCIENCES



ENGINEERING MATHEMATICS-I

AICTE RECOMMENDED

Reena Garg

ISBN: 9789382609551

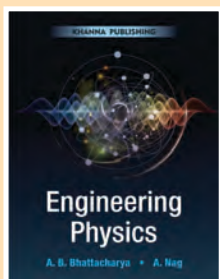
Pages: 656

Year: 2023

Language: English

CONTENTS:

Chapter 1: Infinite Series;
Chapter 2: Matrices;
Chapter 3: Expansion of Functions;
Chapter 4: Asymptotes;
Chapter 5: Curvature;
Chapter 6: Partial Differentiation;
Chapter 7: Double and Triple Integrations



ENGINEERING PHYSICS

AICTE RECOMMENDED

A.B. Bhattacharya, A. Nag

ISBN: 9789386173577

Pages: 688

Year: 2022

Language: English

CONTENTS:

Section I: Introductory To Mechanics
Section II: Waves and Optics
Section III: Introduction to Electromagnetic Theory
Section IV: Quantum Mechanics for Engineers



GENERAL BIOLOGY

AICTE RECOMMENDED

Uma Devi Koduru

ISBN: 9789391505028

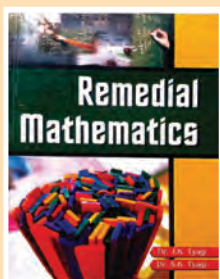
Pages: 296

Year: 2022

Language: English

CONTENTS:

Chapter 1: Biology-An Exciting Science; Biomimicry
Chapter 2: Classification and Model Organisms
Chapter 3: Genetics
Chapter 4: Biomolecules
Chapter 5: Enzymes Information transfer in Living Organisms
Chapter 6: Protein Structure and Function
Chapter 7: Laws of Thermodynamics at Play in Metabolism
Chapter 8: Microbiology
Chapter 9: Biotechnology



REMEDIAL MATHEMATICS

J.K. Tyagi, S.K. Tyagi

ISBN: 9789380016245

Pages: 448

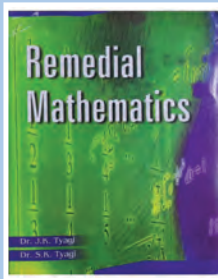
Year: 2009

Language: English

CONTENTS:

Unit 1: Algebra
Unit 2: Measures of Central Value
Unit 3: Trigonometry
Unit 4: Analytical Plain Geometry
Unit 5: Calculus
Question Papers
Log Tables

APPLIED SCIENCES



REMEDIAL MATHEMATICS

J.K. Tyagi, S.K. Tyagi

ISBN: 9789380016368

Pages: 392

Year: 2010

Language: English

CONTENTS:

UNIT I: Algebra;

UNIT II: Analytical Plain Geometry;

UNIT III: Differential Calculus;

UNIT IV: Integral Calculus;

UNIT V: Calculus-linear Differential Equations
of Second and Higher Order

Question Paper

Log Tables



THE PRACTICE OF BUSINESS STATISTICS

AICTE RECOMMENDED

Manish Sharma,
Amit Gupta

ISBN: 9789380016511

Pages: 840

Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction, Meaning, Definition
and Scope

Chapter 2: Collection of Data;

Chapter 3: Organising Data: Classification
and Tabulation;

Chapter 4: Presentation of Data:
Diagrammatic;

Chapter 5: Presentation of Data: Graphic;

Chapter 7: Measures of Central Tendency;

Chapter 7: Measures of Dispersion
(Variation);

Chapter 8: Skewness, Moments and
Kurtosis;

Chapter 9: Index Numbers;

Chapter 10: Correlation Analysis;

Chapter 11: Regression Analysis;

Chapter 12: Time Series Analysis and
Forecasting;

Chapter 13: Probability and Mathematical
Expectation;

Chapter 14: Probability Theoretical
Distributions;

Chapter 15: Sampling Distributions and
Estimation;

Chapter 16: Test of Hypothesis;

Chapter 17: CHI-Square Test;

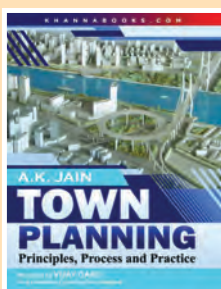
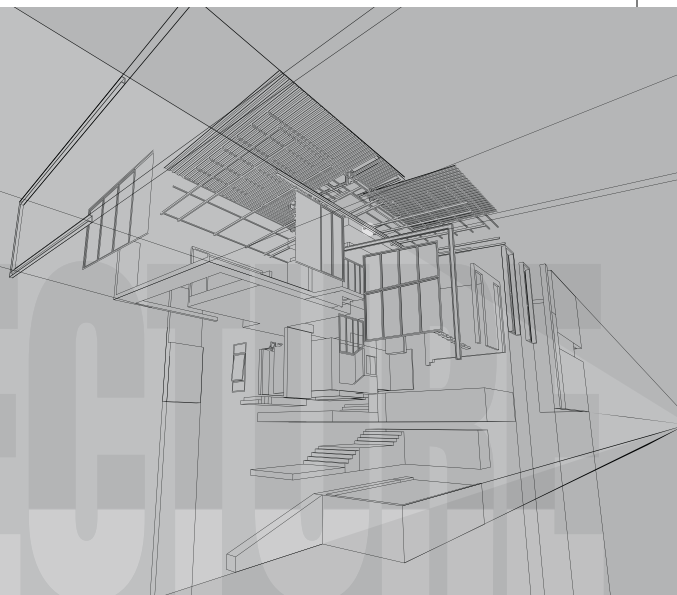
Chapter 18: Analysis of Variance (Anova);

Chapter 19: Association of Attributes;

Chapter 20: Statistical Decision Theory
(SDT);

Chapter 21: Statistical Quality Control
(SQC);

ARCHITECTURE



TOWN PLANNING

AICTE RECOMMENDED

A.K. Jain

ISBN: 9789386173409

Pages: 584

Year: 2023

Language: English

CONTENTS:

- Chapter 1:** Introduction: Town Planning and urban Challenges;
Chapter 2: Evolution of Town Planning;
Chapter 3: Town Planning Surveys, mapping and Analysis;
Chapter 4: Towards a New Planning Framework;
Chapter 5: Planning policy and process;
Chapter 6: Town Planning and Social Infrastructure;
Chapter 7: Zoning Regulations Development/ Building Controls;
Chapter 8: Infrastructure Development and Management;
Chapter 9: Urban Transport;
Chapter 10: Housing For All;
Chapter 11: Towards a new land Policy;
Chapter 12: Planning a Safer and Resilient City;
Chapter 13: Village planning;
Chapter 14: Legal Framework for town Planning



ARCHITECTURE AND BUILDINGS

AICTE RECOMMENDED

A.K. Jain

ISBN: 9789386173829

Pages: 420

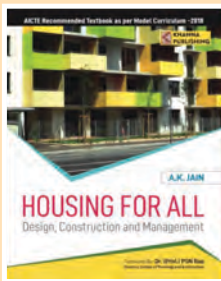
Year: 2024

Language: English

CONTENTS:

- Chapter 1:** The Basics of Architectural Design;
Chapter 2: Evolution of Architecture In India;
Chapter 3: History of Architecture and Human Settlements;
Chapter 4: Vastu In Modern Context;
Chapter 5: Translating Architectural Theory Into Design;
Chapter 6: Green Building;
Chapter 7: Building Design for Climatic and Thermal Comfort;
Chapter 8: Sustainable and Resilient Habitat;
Chapter 9: Building Resources and Technology;
Chapter 10: Building and Planning Codes;
...

ARCHITECTURE



HOUSING FOR ALL **AICTE RECOMMENDED**

A.K. Jain

ISBN: 9789386173560

Pages: 396

Year: 2023

Language: English

CONTENTS:

Chapter 1: An Overview of India's Housing Scenario;

Chapter 2: Housing Programmes;

Chapter 3: Affordable and Adequate Housing;

Chapter 4: Housing Design;

Chapter 5: Rural Housing;

Chapter 6: Slum Rehabilitation and Community Development;

Chapter 7: Housing Renewal and Redevelopment;

Chapter 8: Shelter for Elderly, Disabled, Homeless, Migrants, Women and Students;

Chapter 9: Housing Amenities, Facilities and Services;

Chapter 10: Building Resources and Technology;

Chapter 11: Building and Housing Systems;

Chapter 12: Rental Housing;

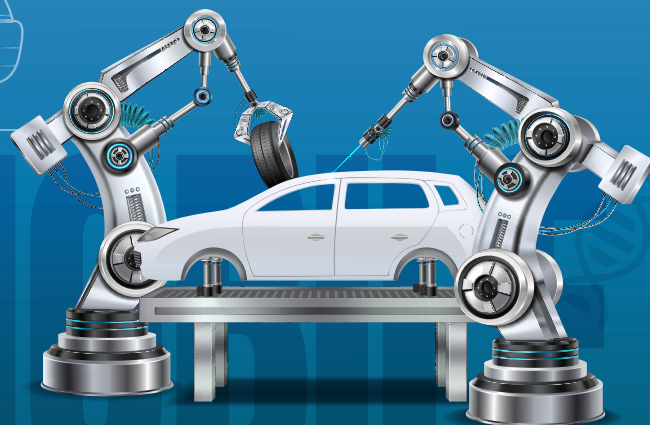
Chapter 13: Land for Housing;

Chapter 14: Housing Finance;

Chapter 15: Housing Management Strategies;

Chapter 16: Regulatory Reforms for Housing

AUTOMOBILE ENGINEERING



AUTOMOTIVE ELECTRICAL AND ELECTRONICS

AICTE RECOMMENDED

A.K. Babu

ISBN: 9789382609698

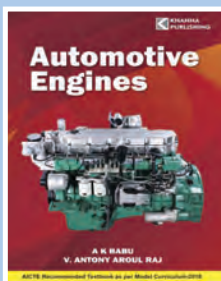
Pages: 372

Year: 2024

Language: English

CONTENTS:

Chapter 1: Fundamentals of Electricity;
Chapter 2: Vehicle Electrical System;
Chapter 3: Battery;
Chapter 4: Charging System;
Chapter 5: Starting System;
Chapter 6: Ignition System;
Chapter 7: Electronic Ignition System;
Chapter 8: Automotive Wiring;
Chapter 9: Lighting System;
Chapter 10: Accessories;
Chapter 11: Electronic Engine Management;
Chapter 12: Safety and Warning Systems;
Chapter 13: Microcomputer Controlled Devices



AUTOMOTIVE ENGINES

AICTE RECOMMENDED

A.K. Babu

ISBN: 9789386173157

Pages: 296

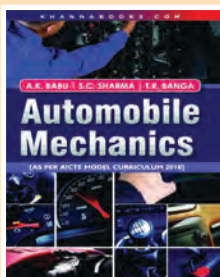
Year: 2019

Language: English

CONTENTS:

Chapter 1: Engines;
Chapter 2: Fuel Systems;
Chapter 3: Combustion in Engines;
Chapter 4: Turbocharging and Supercharging;
Chapter 5: Engine Testing;
Chapter 6: Cooling and Lubrication;
Chapter 7: Emission and Control

AUTOMOBILE ENGINEERING



AUTOMOBILE MECHANICS

AICTE RECOMMENDED

A.K. Babu, S.C. Sharma

ISBN: 9789386173010

Pages: 512

Year: 2024

Language: English

CONTENTS:

Chapter 1: Automobile;
Chapter 2: Engine;
Chapter 3: Frame;
Chapter 4: Clutch;
Chapter 5: Gearbox;
Chapter 6: Propeller-shaft Assembly;
Chapter 7: Final Drive and Differential Assembly;
Chapter 8: Axle;
Chapter 9: Steering;
Chapter 10: Suspension System;
Chapter 11: Brake System;
Chapter 12: Wheel and Tyre;
Chapter 13: Vehicle Electrical System;
Chapter 14: Instruments and Accessories



AUTOMOBILE TECHNOLOGIES -I

**Nathu Singh,
Yash Bansi Mathur**

ISBN: 9789355380487

Pages: 332

Year: 2023

Language: English

CONTENTS:

Unit I: Motor Vehicle Technology -I
Unit II: Automobile Engine System
Unit III: Automotive System Design



AUTOMOBILE TECHNOLOGIES -II

Nathu Singh

ISBN: 9789355383266

Pages: 250

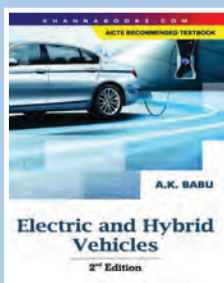
Year: 2025

Language: English

CONTENTS:

Unit I: Motor Vehicle Technology-II
Unit II: Automobile Engine System-II
Unit III: Automobile Electrical Systems-II
Unit IV: Automobile Electrical Equipment
Unit V: Alternative Fuel and Emission Control

AUTOMOBILE ENGINEERING



ELECTRIC & HYBRID VEHICLES

AICTE RECOMMENDED

A.K. Babu

ISBN: 9788195123155

Pages: 212

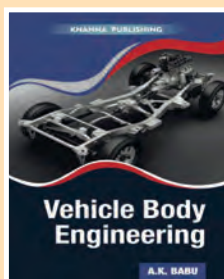
Year: 2022

Edition: Second

Language: English

CONTENTS:

Chapter 1: Fundamentals of Electricity;
Chapter 2: Fundamentals of Electronics;
Chapter 3: Electric Vehicle Evolution;
Chapter 4: History of Hybrid Vehicles;
Chapter 5: Electric Vehicle;
Chapter 6: Classification of EVs;
Chapter 7: Energy Sources;
Chapter 8: Electric Motor;
Chapter 9: Control System;
Chapter 10: Configurations of Electric Vehicles;
Chapter 11: Performance of Electric Vehicles;
Chapter 12: Charging;
Chapter 13: Indian Electric Vehicles;
Chapter 14: Hybrid Vehicles;
Chapter 15: Hybridisation;
Chapter 16: Drive Configuration of HEVs;
Chapter 17: Performance of Hybrid Vehicles;
Chapter 18: Fuel Cell Electric Vehicle (FCEV);
Chapter 19: Comparison;
Chapter 20: Transmission in EVs;
Chapter 21: Hybrid Cars in India;
Chapter 22: Steering System for EVs and HEVs;
Chapter 23: Suspension System for EVs And HEVs;
Chapter 24: Brake System For EVs;
Chapter 25: Best Electric and Hybrid Cars



VEHICLE BODY ENGINEERING

A.K. Babu

ISBN: 9789390779017

Pages: 176

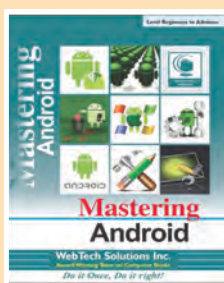
Year: 2021

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Car body Details;
Chapter 3: Bus body Details;
Chapter 4: Commercial Vehicle Details;
Chapter 5: Vehicle aerodynamics;
Chapter 6: Body Materials, trim, Mechanisms and Body Repair

ADVANCE COMPUTER BOOKS



MASTERING ANDROID

WebTech Sol.

ISBN: 9789381068908

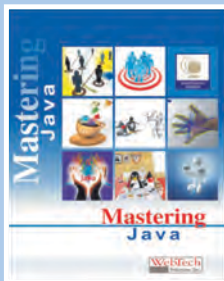
Pages: 356

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to Android;
Chapter 2: Introduction to Android Project;
Chapter 3: Creating an Application using XML;
Chapter 4: Working with Widgets and Containers;
Chapter 5: Working with Lists;
Chapter 6: Fancy Widgets and Containers;
Chapter 7: Working with Frameworks Menus, Fonts and Browsers;
Chapter 8: Working with Messages and Threads;
Chapter 9: Working with Activity Life Cycle Events Filters and Subactivities;
Chapter 10: Defining and Using Styles;
Chapter 11: Working with Tablets;
Chapter 12: Data Stores and Services;
Chapter 13: Services;
Chapter 14: Android Capabilities;
Chapter 15: Application Environments



MASTERING JAVA

WebTech Sol.

ISBN: 9789380016436

Pages: 354

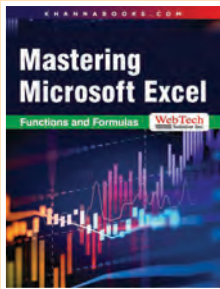
Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction to JAVA;
Chapter 2: Java Programming;
Chapter 3: Java Foundation Classes (JFC) and Swing;
Chapter 4: Working with Java Script;
Chapter 5: More on Java Script;
Chapter 6: Java Beans;
Chapter 7: Java Server Pages;
Chapter 8: Java Directives and Standard Actions;
Chapter 9: Java Servlets;
Chapter 10: JDBC (Java Database Connectivity);
Chapter 11: Questions

ADVANCE COMPUTER BOOKS (MASTERING SERIES)



MASTERING MICROSOFT EXCEL FUNCTIONS AND FORMULAS

WebTech Sol.

ISBN: 9789380016566

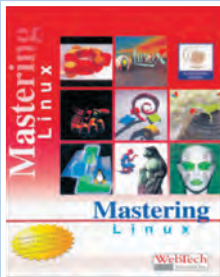
Pages: 416

Year: 2023

Language: English

CONTENTS:

Chapter 1: Spreadsheet Basics;
Chapter 2: Advanced Techniques of Excel;
Chapter 3: Charts in Excel;
Chapter 4: Database Functions in Excel;
Chapter 5: Text Functions in Excel;
Chapter 6: Financial Function in Excel;
Chapter 7: Information Functions in Excel;
Chapter 8: Logical Functions in Excel;
Chapter 9: Lookup and Reference Functions in Excel;
Chapter 10: Math and Trigonometric Functions in Excel;
Chapter 11: Logical Functions in Excel;
Chapter 12: Data and Time Functions in Excel;
Chapter 13: Keyboard Shortcuts in Excel



MASTERING LINUX

WebTech Sol.

ISBN: 9789380016115

Pages: 308

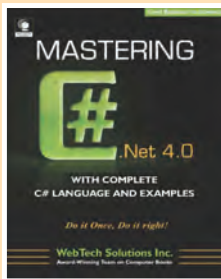
Year: 2009

Language: English

CONTENTS:

Chapter 1: Introduction to Open Source and Linux;
Chapter 2: Pre-Installation;
Chapter 3: Planning Your Network;
Chapter 4: Standard Installation;
Chapter 5: Kick start Installation;
Chapter 6: Exploring the Desktop;
Chapter 7: System Startup and Shutdown;
Chapter 8: Examining File and Configuration Systems;
Chapter 9: X Windows System;
Chapter 10: Configuring Printers;
Chapter 11: TCP/IP Networking;
Chapter 12: TCP/IP Browsers;
Chapter 13: The Network File System;
Chapter 14: The Network Information System;
Chapter 15: Connecting to Microsoft and Novell Networks;
Chapter 16: Network Services and Proxies;
Chapter 17: Web Server, DHCP and DNS;
Chapter 18: Optimizing Network Services;
Chapter 19: Mail Server;
Chapter 20: FTP and Telnet;
Chapter 21: Optimizing Internet Services;
Chapter 22: Keeping Your System Updated with up2date;
Chapter 23: Backing Up and Restoring the File System

ADVANCE COMPUTER BOOKS (MASTERING SERIES)



MASTERING C#. NET 4.0

WebTech Sol.

ISBN: 9789381068564

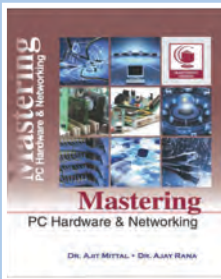
Pages: 384

Year: 2012

Language: English

CONTENTS:

Chapter 1: Introduction to C# 4.0;
Chapter 2: Introducing Classes and Objects;
Chapter 3: Arrays and Strings;
Chapter 4: Operator Overloading;
Chapter 5: String and controls in C#;
Chapter 6: Inheritance in C#;
Chapter 7: Exception Handling;
Chapter 8: Using Input/Output;
Chapter 9: Strings & Formatting;
Chapter 10: Multi thread Programming;
Chapter 11: Collections, Enumerators and Iterators



MASTERING PC HARDWARE & NETWORKING

Ajit Mittal, Ajay Rana

ISBN: 9788190645126

Pages: 456

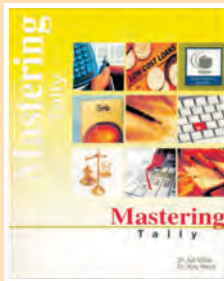
Year: 2023

Language: English

CONTENTS:

Chapter 1: Computer System;
Chapter 2: Mouse;
Chapter 3: Scanner;
Chapter 4: Keyboard;
Chapter 5: Monitor;
Chapter 6: Printer;
Chapter 7: Optical Media;
Chapter 8: Hard Disk Drive;
Chapter 9: Floppy Disk Drive;
Chapter 10: Processors;
Chapter 11: Motherboards;
Chapter 12: Power Supplies;
Chapter 13: Bios;
Chapter 14: Beep Codes;
Chapter 15: Buses and Memory;
Chapter 16: I/O Interfaces;
Chapter 17: Computer Installation;
Chapter 18: New Computer Devices;
Chapter 19: Data Recovery and BIOS Updating;
Chapter 20: Communication Technology;
Chapter 21: Network Technology;
Chapter 22: Designing the Network;
Chapter 23: Network Security;
Chapter 24: Network Architecture;
Chapter 25: Network Connectivity;
Chapter 26: Network Administration Security;
Chapter 27: Wireless Networking

ADVANCE COMPUTER BOOKS (MASTERING SERIES)



MASTERING TALLY

Ajit Mittal, Ajay Rana

ISBN: 9788190645133

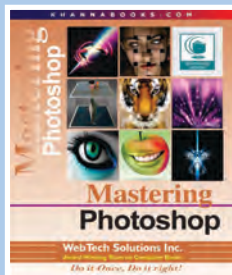
Pages: 416

Year: 2008

Language: English

CONTENTS:

Chapter 1: Running Tally;
Chapter 2: Creating Accounts Masters in Tally;
Chapter 3: Creating Inventory Masters in Tally;
Chapter 4: Entering Accounts Vouchers in Tally;
Chapter 5: Entering Inventory Vouchers in Tally;
Chapter 6: Display of Reports in Tally;
Chapter 7: Introduction to Tally 72;
Chapter 8: Introduction to VAT (Value Added Tax);
Chapter 9: Introduction to TDS (Tax Deducted at Source);
Chapter 10: Introduction to Tally 8.1;
Chapter 11: Fringe Benefit Tax in Tally;
Chapter 12: The Collaboratory Tally;
Chapter 13: The Administrative Tally;
Chapter 14: Multilingual Features of Tally;
Chapter 15: Introduction to Tally 9.0;
Chapter 16: Payroll Accounting in Tally 9.0;
Chapter 17: Tally 9.0 ver 2.1;
Chapter 18: Keyboard Shortcut of Tally



MASTERING PHOTOSHOP

AICTE RECOMMENDED

WebTech Sol.

ISBN: 9789382609629

Pages: 408

Year: 2015

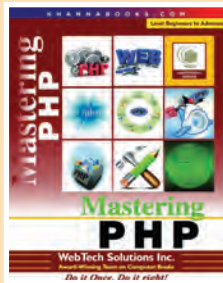
Language: English

CONTENTS:

Chapter 1: Foundation of Photoshop;
Chapter 2: Menu Commands of Photoshop;
Chapter 3: Colour 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 Colours 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: Colour Management and Printing;
Chapter 15: Adjusting Tonality and Colours;
Chapter 16: Modifying and Mapping Colours;
Chapter 17: Duotones and Spot Colours;
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;

...

ADVANCE COMPUTER BOOKS (MASTERING SERIES)



MASTERING PHP

WebTech Sol.

ISBN: 9789381068670

Pages: 392

Year: 2012

Language: English

CONTENTS:

Chapter 1: What's New in PHP;

Chapter 2: Introduction to PHP;

Chapter 3: PHP Basics - Variables;

Chapter 4: PHP Basics - Expressions,
Functions and Operators;

Chapter 5: PHP and HTML;

Chapter 6: PHP and Database MySQL;

Chapter 7: Working with Multiple Pages;

Chapter 8: Ability to Upload Images;

Chapter 9: Adding Password Protection;

Chapter 10: Building the Inventory Manager

BASIC COMPUTER BOOKS



COMPUTER COURSE MADE EASY

Ramesh Bangia

ISBN: 9789382609377

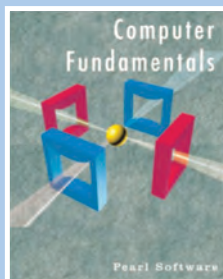
Pages: 624

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction to Computers;
Chapter 2: GUI Based Operating Systems;
Chapter 3: Networking;
Chapter 4: Internet and E-Mail;
Chapter 5: Disk Operating Systems (DOS);
Chapter 6: Introduction to Windows 8;
Chapter 7: Introduction to Word 2013;
Chapter 8: Introduction to Excel 2013;
Chapter 9: Introduction to PowerPoint 2013;
Chapter 10: Introduction to Access 2013;
Chapter 11: Introduction to CorelDRAW X6;
Chapter 12: Introduction to Photoshop CS6;
Chapter 13: Introduction to Flash CS6;
Chapter 14: Introduction to Dreamweaver CS6;
Chapter 15: Introduction to Illustrator CS6;
Chapter 16: Introduction to PageMaker 7.0;
Chapter 17: Introduction to Tally.ERP 9;
Chapter 18: Computer Security, Crime and Ethics;
Chapter 19: Glossary of Keywords;
Chapter 20: Questions



COMPUTER FUNDAMENTALS

Pearl Software

ISBN: 9788187522331

Pages: 339

Year: 2014

Language: English

CONTENTS:

Chapter 1: Computer Basics;
Chapter 2: Binary Arithmetic;
Chapter 3: Input/Output Units;
Chapter 4: Memory Organization;
Chapter 5: Input/Output Processors;
Chapter 6: Software and Language Classification;
Chapter 7: Algorithms;
Chapter 8: Boolean Algebra;
Chapter 9: Flip-Flop Shift Register Counter;
Chapter 10: Operating Systems;
Chapter 11: More on Operating Systems;
Chapter 12: Local Area Networks;
Chapter 13: Information Technology;
Chapter 14: An Overview;

...

BASIC COMPUTER BOOKS (LEARNING SERIES)



COMPUTERS TODAY

AICTE RECOMMENDED

A. Ravichandran

ISBN: 9789380016290

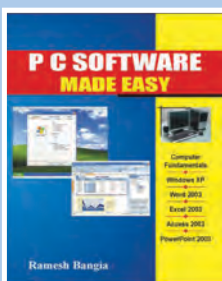
Pages: 768

Year: 2009

Language: English

CONTENTS:

Chapter 1: An Introduction to Computers;
Chapter 2: Development of Computers;
Chapter 3: Fundamental of Computers;
Chapter 4: Number Systems;
Chapter 5: Data Communication and Networks;
Chapter 6: System Software;
Chapter 7: Applications Software;
Chapter 8: Programming Languages;
Chapter 9: Database System Management;
Chapter 10: Introduction to Software Testing;
Chapter 11: Introduction to System Analysis;
Chapter 12: Program Development Cycle;
Chapter 13: Computer Engineering and Graphics;
Chapter 14: Computers in Management;
Chapter 15: Information Systems for Business;
Chapter 16: Inter Personnel Skills and Communications;
Chapter 17: Computer System Management;
Chapter 18: Managing Information Resources;
Chapter 19: Computer Security, Crime and Ethics;
Chapter 20: Robotics;



PC SOFTWARE MADE EASY

Ramesh Bangia

ISBN: 9788187325642

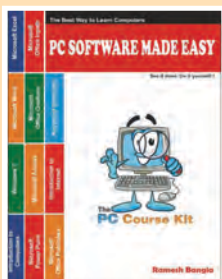
Pages: 400

Year: 2010

Language: English

CONTENTS:

Chapter 1: Fundamentals of Computers
Chapter 2: Input Output Devices
Chapter 3: Windows XP;
Chapter 4: Word 2003;
Chapter 5: Excel 2003;
Chapter 6: Access 2003;
Chapter 7: PowerPoint 2003;
Chapter 8: Microsoft Frontpage 2003;
Chapter 9: Internet and E-mail;
Chapter 10: Revision and Questions



PC SOFTWARE MADE EASY

THE PC COURSE KIT

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9789381068441

Pages: 352

Year: 2025

Language: English

CONTENTS:

Chapter 1: Introduction to Computers;
Chapter 2: Windows 7;
Chapter 3: Microsoft Word 2010;
Chapter 4: Microsoft Excel 2010;
Chapter 5: Microsoft PowerPoint 2010;
Chapter 6: Microsoft Access 2010;
Chapter 7: Other Software of Microsoft Office 2010;
Chapter 8: Internet and World Wide Web;
Chapter 9: Buying the Right Computer;
Chapter 10: Keyboard Shortcuts;
Chapter 11: Questions

BASIC COMPUTER BOOKS (LEARNING SERIES)



PC SOFTWARE MADE EASY (Sixteen in One)

Ramesh Bangia

ISBN: 9788190698818

Pages: 776

Year: 2014

Language: English

CONTENTS:

Chapter 1: Computer System;
Chapter 2: Windows Vista;
Chapter 3: Internet and email;
Chapter 4: PC Troubleshooting;
Chapter 5: Networking;
Chapter 6: Microsoft World 2007;
Chapter 7: Microsoft Excel 2007;
Chapter 8: Microsoft PowerPoint 2007;
Chapter 9: Microsoft Access 2007;
Chapter 10: CorelDRAW x3;
Chapter 11: Photoshop CS3;
Chapter 12: Flash CS3;
Chapter 13: Dream Weaver CS3;
Chapter 14: PageMaker 70;
Chapter 15: Tally 90;
Chapter 16: HTML;
Chapter 17: Questions



SEE THRU C++

Arunesh Goyal

ISBN: 9789380016733

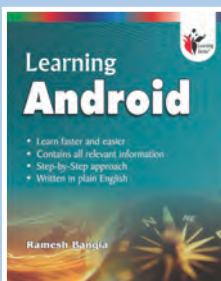
Pages: 325

Year: 2014

Language: English

CONTENTS:

Chapter 1: From C To C++: An Overview;
Chapter 2: Tokens, Expressions and Control Structures;
Chapter 3: Functions in C++;
Chapter 4: OPP: An analysis;
Chapter 5: The C++ Journey: Beginnings;
Chapter 6: Classes and Objects;
Chapter 7: Constructors and Destructors;
Chapter 8: Inheritance: The Concept of Classes Extension;
Chapter 9: Pointers, References and dynamic Allocation;
Chapter 10: Operator Overloading;
Chapter 11: Virtual Functions and Polymorphism;
Chapter 12: Templates;
Chapter 13: Console I/O Operations;
Chapter 14: Dealing with Files;
Chapter 15: Exception Handling;
Chapter 16: The Standard Template Library;
Chapter 17: Working with the String Class



LEARNING ANDROID

Ramesh Bangia

ISBN: 9789381068885

Pages: 200

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to Android;
Chapter 2: Introduction to Android Project;
Chapter 3: Creating an Application using XML;
Chapter 4: Working with Tablets;
Chapter 5: Data Stores and Services;
Chapter 6: Services;
Chapter 7: Android Capabilities;
Chapter 8: Application Environments;
Chapter 9: Questions

BASIC COMPUTER BOOKS (LEARNING SERIES)



USING TALLY. ERP 9

Ramesh Bangia

ISBN: 9789380016351

Pages: 408

Year: 2015

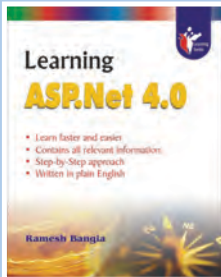
Edition: Second

Language: English

CONTENTS:

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;

...



LEARNING ASP.NET 4.0

Ramesh Bangia

ISBN: 9789381068458

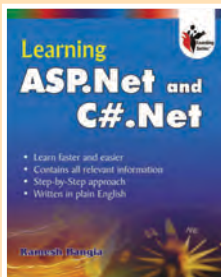
Pages: 232

Year: 2012

Language: English

CONTENTS:

Chapter 1: Introduction to ASP.NET;
Chapter 2: Understanding standard controls;
Chapter 3: Using the Navigation Controls;
Chapter 4: Using Validation Controls;
Chapter 5: Designing websites with Themes;
Chapter 6: Overview of Data Access;
Chapter 7: Questions



LEARNING ASP.NET AND C#.NET

Ramesh Bangia

ISBN: 9789381068601

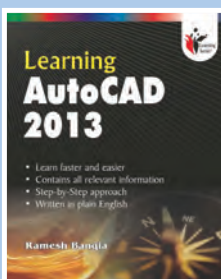
Pages: 272

Year: 2012

Language: English

CONTENTS:

Chapter 1: Introduction to ASP.Net 4.0;
Chapter 2: Using Standard Controls;
Chapter 3: Using the Navigation Controls;
Chapter 4: Designing Websites with Themes;
Chapter 5: Introduction to C# 4.0;
Chapter 6: Introducing Classes & Objects in C#
Chapter 7: Arrays and Strings in C#;
Chapter 8: Operators and Overloading in C#;
Chapter 9: Questions



LEARNING AUTOCAD 2013

Ramesh Bangia

ISBN: 9789381068977

Pages: 272

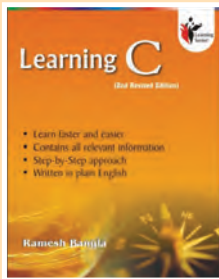
Year: 2016

Language: English

CONTENTS:

Chapter 1: Introduction To AutoCad 2010;
Chapter 2: Customizing AutoCAD 2013;
Chapter 3: Starting With AutoCad 2013;
Chapter 4: Working With AutoCad 2013;
Chapter 5: More Commands of AutoCad 2013;
Chapter 6: Setting System Variables of AutoCad 2013;
Chapter 7: System Variables of Auto Cad 2013;
Chapter 8: Commands of AutoCad 2013;
Chapter 9: Keyboard Shortcuts of AutoCad 2013
Chapter 10: Glossary of Keywords of AutoCad 2013

BASIC COMPUTER BOOKS (LEARNING SERIES)



LEARNING C

Ramesh Bangia

ISBN: 9788187522546

Pages: 192

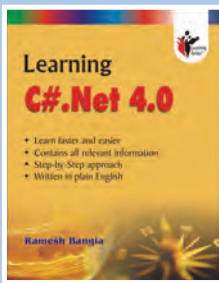
Year: 2011

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction to C;
Chapter 2: Structures in C;
Chapter 3: Functions and Pointers in C;
Chapter 4: Arrays in C;
Chapter 5: Strings in C;
Chapter 6: Input Output Operations in C;
Chapter 7: Library Functions in C;
Chapter 8: Unions Stacks, Links and Queues;
Chapter 9: File Processing and Pre Processor Directives;
Chapter 10: Turbo C;
Chapter 11: Projects in C;
Chapter 12: Questions



LEARNING C#.NET 4.0

Ramesh Bangia

ISBN: 9789381068496

Pages: 226

Year: 2012

Language: English

CONTENTS:

Chapter 1: Introduction to C# 4.0;
Chapter 2: Introducing classes and objects;
Chapter 3: Arrays and Strings;
Chapter 4: Operator overloading;
Chapter 5: String and controls in C#;
Chapter 6: Inheritance;
Chapter 7: Exception Handling;
Chapter 8: Questions



LEARNING C++

Ramesh Bangia

ISBN: 9788187522812

Pages: 256

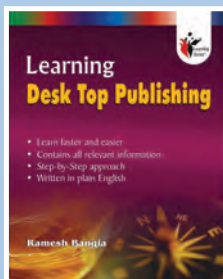
Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to C++;
Chapter 2: Operators and Expressions;
Chapter 3: Control Statements & I/O Operations;
Chapter 4: Arrays;
Chapter 5: Functions;
Chapter 6: Library Functions;
Chapter 7: Structures;
Chapter 8: Classes and Objects;
Chapter 9: Constructor and Destructor Functions;
Chapter 10: Objects and Function Overloading;
Chapter 11: Inheritance;
Chapter 12: Pointers;
Chapter 13: Standard Library Functions and Header Files;
Chapter 14: Programming Methodology;
Chapter 15: Examples;
Chapter 16: Glossary of Key Words;
Chapter 17: Questions

BASIC COMPUTER BOOKS (LEARNING SERIES)



LEARNING DESK TOP PUBLISHING (DTP)

Ramesh Bangia

ISBN: 9789381068434

Pages: 312

Year: 2016

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction to Adobe Photoshop CS 5

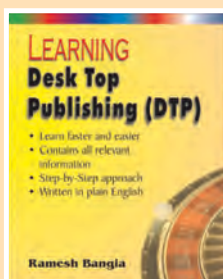
Chapter 2: Introduction to CorelDraw X5;

Chapter 3: Introduction to Flash CS 5;

Chapter 4: Introduction to Page Maker 7.0;

Chapter 5: Introduction to Illustrator CS 5;

Chapter 6: Questions



LEARNING DESK TOP PUBLISHING (DTP)

Ramesh Bangia

ISBN: 9788190611664

Pages: 312

Year: 2016

Language: English

CONTENTS:

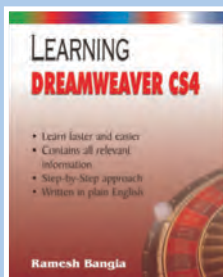
Chapter 1: Introduction to Photoshop CS 2

Chapter 2: Introduction to Corel Draw X3

Chapter 3: Introduction to Page Maker 7.0

Chapter 4: Introduction to Illustrator CS 2

Chapter 5: Questions



LEARNING DREAMWEAVER CS4 **AICTE RECOMMENDED**

Ramesh Bangia

ISBN: 9789380016382

Pages: 192

Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction to Dreamweaver CS4

Chapter 2: Creating a New Page in Dreamweaver CS4

Chapter 3: Adding Graphics and Multimedia

Chapter 4: Working with Tables in Dreamweaver CS3

Chapter 5: Working with Forms in Dreamweaver CS3

Chapter 6: Working with Frames in Dreamweaver CS4

Chapter 7: Working with Stylesheets in Dreamweaver CS4;

Chapter 8: Creating and Applying Templates

Chapter 9: More Commands of Dreamweaver CS4

Chapter 10: Integrating with Other Software

Chapter 11: Keyboard Shortcuts of Dreamweaver CS4

Chapter 12: Questions

BASIC COMPUTER BOOKS (LEARNING SERIES)



LEARNING **DREAMWEAVER CS5**

Ramesh Bangia

ISBN: 9789381068069

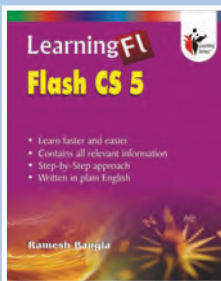
Pages: 216

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to Dreamweaver CS5;
Chapter 2: Creating a New Page in Dreamweaver CS5;
Chapter 3: Adding Graphics and Multimedia;
Chapter 4: Working with Table in Dreamweaver CS5;
Chapter 5: Working with Forms in Dreamweaver CS5;
Chapter 6: Working with Frames in Dreamweaver CS5;
Chapter 7: Working with Stylesheets in Dreamweaver CS5;
Chapter 8: Creating and Applying Templates;
Chapter 9: More Commands of Dreamweaver CS5;
Chapter 10: Integrating with other Software;
Chapter 11: Keyboard Shortcuts of Dreamweaver CS5;
Chapter 12: Questions



LEARNING **FLASH CS5**

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9789381068090

Pages: 224

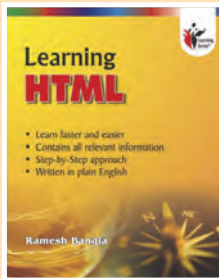
Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction to Flash CS5;
Chapter 2: Tools of Flash CS5;
Chapter 3: Working with Text in Flash CS5
Chapter 4: Drawing and Editing Objects in Flash CS5
Chapter 5: Creating and Editing Artworks in Flash CS5
Chapter 7: Working with Layers in Flash CS5
Chapter 7: Working with Animations in Flash CS5
Chapter 8: Working with Sound in Flash CS5
Chapter 9: Creating Buttons in Flash CS5
Chapter 10: Using Tweens and Actions in Flash CS5
Chapter 11: Distributing Flash Movies
Chapter 12: Advanced Animation in Flash CS5
Chapter 13: Filters and Blends
Chapter 14: Creating a LOGO
Chapter 15: Keyboard Shortcuts of Flash CS5
Chapter 16: Questions

BASIC COMPUTER BOOKS (LEARNING SERIES)



LEARNING HTML

Ramesh Bangia

ISBN: 9789382609193

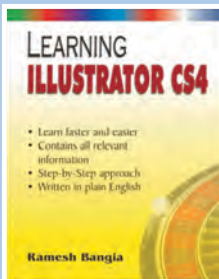
Pages: 200

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to HTML 5;
Chapter 2: What's new in HTML 5;
Chapter 3: Working with HTML 5;
Chapter 4: New Attributes and Events in HTML 5;
Chapter 5: HTML 5 Form Elements;
Chapter 7: HTML 5 Form Attributes;
Chapter 7: HTML 5 Event Attributes
Chapter 8: HTML 5 Audio/Video Methods;
Chapter 9: Canvas 2D;
Chapter 10: HTML 5 Tags;
Chapter 11: Questions



LEARNING ILLUSTRATOR CS4

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9789380016474

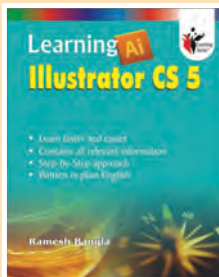
Pages: 188

Year: 2010

Language: English

CONTENTS:

Chapter 1: Getting to know Illustrator CS4
Chapter 2: Tools of Illustrator CS4
Chapter 3: Handling text in Illustrator CS4
Chapter 5: More Commands of Illustrator CS4
Chapter 7: Keyword Shortcuts of Illustrator CS4
Chapter 7: Questions



LEARNING ILLUSTRATOR CS5

Ramesh Bangia

ISBN: 9789381068106

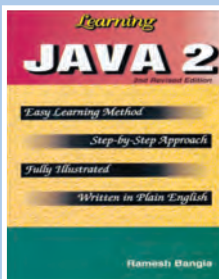
Pages: 208

Year: 2010

Language: English

CONTENTS:

Chapter 1: Getting to Know Illustrator CS5
Chapter 2: Tools of Illustrator CS5
Chapter 3: Handling Text in Illustrator CS5
Chapter 4: Commands of Illustrator CS5
Chapter 5: Keyboard Shortcuts of Illustrator CS5
Chapter 7: Questions



LEARNING JAVA 2

Ramesh Bangia

ISBN: 9788187522782

Pages: 268

Year: 2000

Language: English

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 7: Object Oriented Programming;
Chapter 7: Interface Design with Swing;
Chapter 8: What's Next
Chapter 9: Questions

BASIC COMPUTER BOOKS (LEARNING SERIES)



LEARNING JAVA 7

Ramesh Bangia

ISBN: 9789381068229

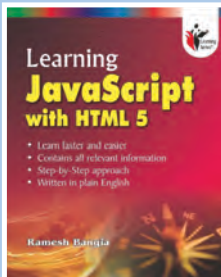
Pages: 188

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to JAVA
Chapter 2: AVA Programming
Chapter 3: Collecting Objects
Chapter 4: Creating Graphical User Interface
Chapter 5: Interacting with Filesystems
Chapter 6: JAVA 7 and Web Services
Chapter 7: JAVA 7 and Android
Chapter 8: Questions



LEARNING JAVASCRIPT WITH HTML 5

Ramesh Bangia

ISBN: 9789381068892

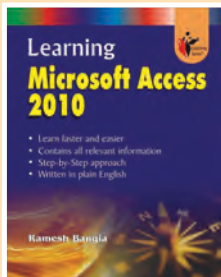
Pages: 192

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to JavaScript
Chapter 2: JavaScript Functions
Chapter 3: JavaScript Objects
Chapter 4: Browser Objects
Chapter 5: Document Objects
Chapter 6: Document Object Model
Chapter 7: Validation, Errors, Debugging, Exception Handling and Security;
Chapter 8: JavaScript The Beginning;
Chapter 9: Questions



LEARNING MICROSOFT ACCESS 2010

Ramesh Bangia

ISBN: 9789381068014

Pages: 200

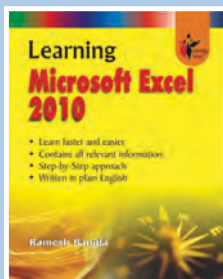
Year: 2011

Language: English

CONTENTS:

Chapter 1: Introduction to Microsoft Office 2010
Chapter 2: What's New in Microsoft Access 2010
Chapter 3: Introduction to Relational Database
Chapter 4: Creating a Database in Microsoft Access 2010;
Chapter 5: Creating a Table in Microsoft Access 2010;
Chapter 6: Creating a Form in Microsoft Access 2010;
Chapter 7: Creating a Query in Microsoft Access 2010;
Chapter 8: Creating a Report in Microsoft Access 2010;
Chapter 9: Expressions in Microsoft Access 2010
Chapter 10: Microsoft Access 2010 Specifications;
Chapter 11: Keyboard Shortcuts of Microsoft Access 2010;
Chapter 12: Questions

BASIC COMPUTER BOOKS (LEARNING SERIES)



LEARNING MICROSOFT EXCEL 2010

Ramesh Bangia

ISBN: 9789381068021

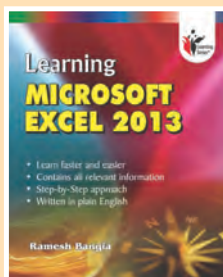
Pages: 192

Year: 2011

Language: English

CONTENTS:

Chapter 1: Introduction to Microsoft Office 2010;
Chapter 2: What's New in Microsoft Excel 2010;
Chapter 3: Spreadsheet Basics;
Chapter 4: Creating a Worksheet in Microsoft Excel 2010;
Chapter 5: Advance Techniques of Microsoft Excel 2010;
Chapter 6: Charts in Microsoft Excel 2010;
Chapter 7: Web Based Commands of Microsoft Excel 2010;
Chapter-8: Functions in Microsoft Excel 2010;
Chapter 9: Glossary of Words used in Microsoft Excel 2010;
Chapter 10: Keyboard Shortcuts in Excel 2007;
Chapter 11: Questions



LEARNING MICROSOFT EXCEL 2013

Ramesh Bangia

ISBN: 9789382609360

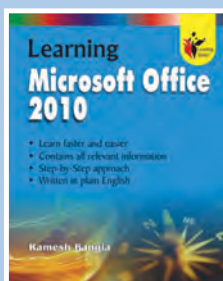
Pages: 228

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction to Microsoft Office 2013;
Chapter 2: What's New in Microsoft Excel 2013;
Chapter 3: Spreadsheet Basics;
Chapter 4: Creating a Worksheet in Microsoft Excel 2013;
Chapter 5: Commands of Microsoft Excel 2013;
Chapter 6: Charts in Microsoft Excel 2013;
Chapter 7: Functions in Microsoft Excel 2013;
Chapter 8: Web based Commands of Microsoft Excel 2013;
Chapter 9: Advanced Microsoft Excel 2013,
Chapter 10: Glossary of Words used in Microsoft Excel 2013;
Chapter 11: Keyboard Shortcuts of Microsoft Excel 2013, Questions



LEARNING MICROSOFT OFFICE 2010

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9789381068045

Pages: 276

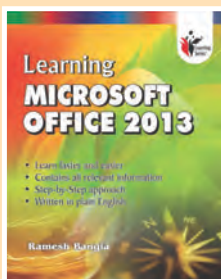
Year: 2011

Language: English

CONTENTS:

Chapter 1: Introduction to Microsoft Windows 7;
Chapter 2: Introduction to Microsoft Word 2010;
Chapter 3: Introduction to Microsoft Excel 2010;
Chapter 4: Introduction to Microsoft PowerPoint 2010;
Chapter 5: Introduction to Microsoft Access 2010;
Chapter 6: Other Software of Microsoft Office 2010;
Chapter 7: Keyboard Shortcuts of Microsoft Office 2010;
Chapter 8: Questions

BASIC COMPUTER BOOKS (LEARNING SERIES)



LEARNING MICROSOFT OFFICE 2013

Ramesh Bangia

ISBN: 9789382609346

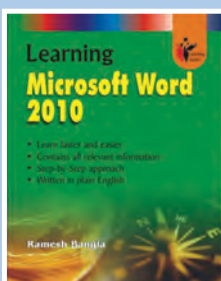
Pages: 240

Year: 2016

Language: English

CONTENTS:

Chapter 1: Introducing Windows 8;
Chapter 2: Introduction to Microsoft Office 2013;
Chapter 3: Introduction to Microsoft Word 2013;
Chapter 4: Introduction to Microsoft Excel 2013;
Chapter 5: Introduction to Microsoft PowerPoint 2013;
Chapter 6: Introduction to Microsoft Access 2010;
Chapter 7: Other Software of Microsoft Office 2013;
Chapter 8: Keyboard Shortcuts of Microsoft Office 2013;
Chapter 9: Questions



LEARNING MICROSOFT WORD 2010

Ramesh Bangia

ISBN: 9789381068038

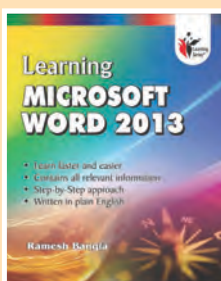
Pages: 200

Year: 2011

Language: English

CONTENTS:

Chapter 1: Introduction to Microsoft Office 2010;
Chapter 2: Introduction to Microsoft Word 2010;
Chapter 3: Working with a Document in Microsoft Word 2010;
Chapter 4: Customizing Microsoft Word 2010;
Chapter 5: Mail Merging Documents in Microsoft Word 2010;
Chapter 6: Working with Longer Documents in Microsoft Word 2010;
Chapter 7: Creating Tables in Microsoft Word 2010;
Chapter 8: Working with Graphics and Charts in Microsoft Word 2010;
Chapter 9: Additional Commands of Microsoft Word 2010;
Chapter 10: Keyboard Shortcuts of Microsoft Word 2010;



LEARNING MICROSOFT WORD 2013

Ramesh Bangia

ISBN: 9789382609353

Pages: 212

Year: 2014

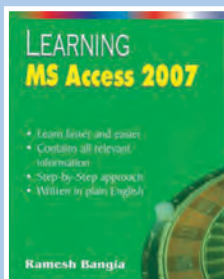
Language: English

CONTENTS:

Chapter 1: Introduction to Microsoft Office 2013;
Chapter 2: Introduction to Microsoft Word 2013;
Chapter 3: Working with a Document in Microsoft Word 2013;
Chapter 4: Customizing Microsoft Word 2013;
Chapter 5: Mail Merging Documents and Creating Labels in Microsoft Word 2013;
Chapter 6: Working with Longer Documents in Microsoft Word 2013;
Chapter 7: Creating Tables in Microsoft Word 2013;
Chapter 8: Working with Graphics and Charts in Microsoft Word 2013;
Chapter 9: Additional Commands of Microsoft Word 2013;

....

BASIC COMPUTER BOOKS (LEARNING SERIES)



LEARNING MS ACCESS 2007

Ramesh Bangia

ISBN: 9789380016061

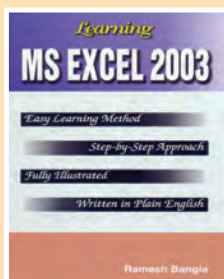
Pages: 192

Year: 2009

Language: English

CONTENTS:

- Chapter 1:** Introduction to Microsoft Access 2007;
Chapter 2: Introduction to Relational Database;
Chapter 3: Creating a Database in Microsoft Access 2007;
Chapter 4: Creating a Table in Microsoft Access 2007;
Chapter 5: Creating a Form in Microsoft Access 2007;
Chapter 6: Creating a Query in Microsoft Access 2007;
Chapter 7: Creating a Report in Microsoft Access 2007;
Chapter 8: Expressions in Microsoft Access 2007;
Chapter 9: Microsoft Access 2007 Specifications;
Chapter 10: Keyboard Shortcuts of Microsoft Access 2007



LEARNING MS EXCEL 2003

Ramesh Bangia

ISBN: 9788187325444

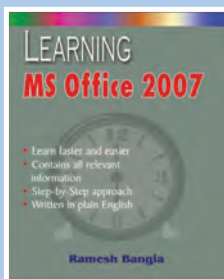
Pages: 248

Year: 2007

Language: English

CONTENTS:

- Chapter 1:** Introduction to Microsoft Office 2003;
Chapter 2: Spreadsheet Basics;
Chapter 3: Creating a Worksheet in Excel 2003;
Chapter 4: Advance Techniques of Excel 2003;
Chapter 5: Working with Charts in Excel 2003;
Chapter 6: Database Techniques in Microsoft Office Excel 2003;
Chapter 7: Web and Microsoft Office Excel 2003;
Chapter 8: Menu Commands of Microsoft Office Excel 2003;
Chapter 9: Functions in Excel 2003;
Chapter 10: Keyboard Shortcuts;
Chapter 11: Questions



LEARNING MS OFFICE 2007

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9788190611671

Pages: 224

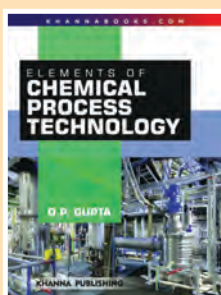
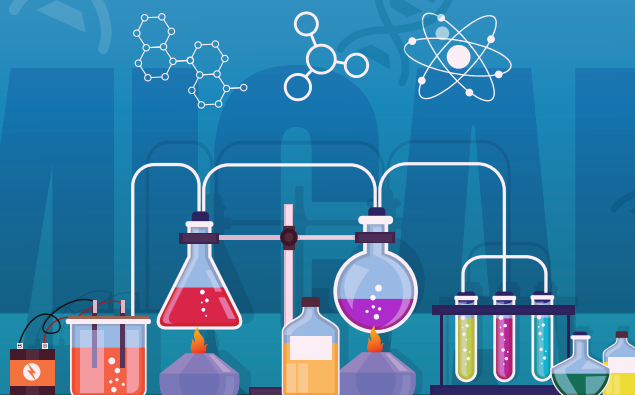
Year: 2015

Language: English

CONTENTS:

- Chapter 1:** Introduction to Windows Vista;
Chapter 2: Introduction to Microsoft Word 2007;
Chapter 3: Introduction to Microsoft Excel 2007;
Chapter 4: Introduction to Microsoft Power Point 2007;
Chapter 5: Introduction to Microsoft Access 2007;
Chapter 6: Questions

CHEMICAL ENGINEERING



ELEMENTS OF CHEMICAL PROCESS TECHNOLOGY

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789386173553

Pages: 1040

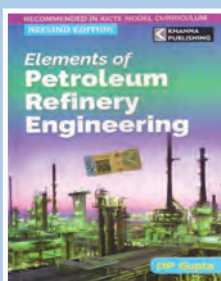
Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Water for industries and water treatment;
- Chapter 2:** Acid industries: Sulphuric, Hydrochloric, Nitric and Phosphoric acids;
- Chapter 3:** Alkali industries: Caustic soda, Sodium carbonate, Chlorine and Bleaching powder;
- Chapter 4:** Fertilizers: Nitrogenous, phosphatic and potassic;
- Chapter 5:** Glass and Ceramics;
- Chapter 6:** Cement industry;
- Chapter 7:** Refractories;
- Chapter 8:** High Polymers- Plastics, Rubber and Fibers;
- Chapter 9:** Petroleum Refinery;
- Chapter 10:** Petrochemicals;
- Chapter 11:** Oils and Fats: Refining, Hydrogenation, Fat splitting;
- Chapter 12:** Soaps and Detergents;
- Chapter 13:** Pulp and Paper industries;

...



ELEMENTS OF PETROLEUM REFINERY ENGINEERING

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789382609728

Pages: 492

Year: 2022

Edition: Second

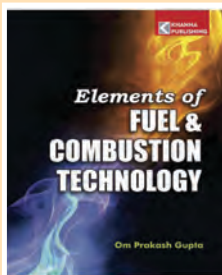
Language: English

CONTENTS:

- Chapter 1:** Origin, Composition, Classification, Pretreatment & Transportation of Petroleum Crude Oil;
- Chapter 2:** Indian Crude Oil & Oil Refineries;
- Chapter 3:** Processing of Crude Oil-Refinery Operation & Products;
- Chapter 4:** Thermal and Catalytic Cracking;
- Chapter 5:** Thermal and Catalytic Reforming;
- Chapter 6:** Polymerisation Alkylation and Isomerisation Processes;
- Chapter 7:** Purification of Petroleum Products;
- Chapter 8:** Properties of Petroleum Products;
- Chapter 9:** Requisites of Good Quality Petroleum Products;

...

CHEMICAL ENGINEERING



ELEMENTS OF FUEL & COMBUSTION TECHNOLOGY

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789386173324

Pages: 1168

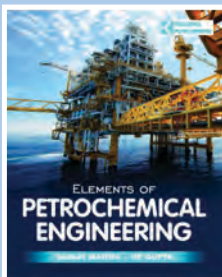
Year: 2018

Language: English

CONTENTS:

- Chapter 1:** Introduction and Classification of Fuels;
- Chapter 2:** Definitions & Units Conversions Related to Fuel Technology;
- Chapter 3:** Wood, Charcoal and Peat;
- Chapter 4:** Origin, Composition, Characteristics, and Significance of Constitution of Coal;
- Chapter 5:** Petrography of Coal;
- Chapter 6:** Washing of Coal;
- Chapter 7:** The Storage of Coal-Oxidation & Spontaneous Combustion;
- Chapter 8:** Pulverised Fuel/Coal;
- Chapter 9:** Usage of Coal;
- Chapter 10:** Comparative Study of Solid, Liquid and Gaseous Fuel;
- Chapter 11:** Selection of Coal for Various Uses;
- Chapter 12:** Mineral Matters in Coal-Ash and Clinker Formation;
- Chapter 13:** Properties and Testing of Coal;
- Chapter 14:** Classification of Coal;
- Chapter 15:** Carbonisation of Coal-Coke Making and By-Products Recovery;
- Chapter 16:** Characteristics and Distribution of Indian Coal;
- Chapter 17:** Origin, Composition, & Classification of Petroleum-Indian Crude Oil;
- Chapter 18:** Crude of Distillation;
- Chapter 19:** Thermal and Catalytic Cracking;
- Chapter 20:** Thermal and Catalytic Reforming;
- Chapter 21:** Polymerisation, Alkylation and Isomerisation;
- Chapter 22:** Purification of Petroleum Products;
- Chapter 23:** Properties of Petroleum Products;
- Chapter 24:** Coal Tar Fuels (C.T.F);
- Chapter 25:** Requisite of Good Quality Gasoline, Diesel, Fuel Oil and Other Petroleum Products;
- Chapter 26:** Liquid Fuels from Coal by its Hydrogenation and Liquefaction;
- Chapter 27:** Other Liquid Fuels-Benzole, Shale Oil, Alcohol and Colloidal Fuels;
- Chapter 28:** Storage and Handling of Liquid Fuels/Fuel Oils;
- Chapter 29:** Methane, Wood Gas, Gobar Gas, Sewage Gas and Gas from Underground Gasification of Coal;
- Chapter 30:** Natural Gas, Liquefied Petroleum Gas (LPG) and Refinery Gases;
- ...

CHEMICAL ENGINEERING



ELEMENTS OF PETROCHEMICAL ENGINEERING

AICTE RECOMMENDED

Saikat Maitra, O.P. Gupta

ISBN: 9789386173362

Pages: 424

Year: 2020

Language: English

CONTENTS:

- Chapter 1:** Introduction to Petrochemicals;
Chapter 2: Production of Methanol (Methyl Alcohol);
Chapter 3: Production of Formaldehyde from Methanol(Methyl Alcohol);
Chapter 4: Production of Chloromethanes by Direct Chlorination of Methane (CH_4);
Chapter 5: Manufacture of Trichloroethylene ($\text{C}_1\text{HC} = \text{CCl}_2$);
Chapter 6: Manufacture of Perekchloroethylene ($\text{Cl}_2\text{Cl} = \text{CCl}_2$);
Chapter 7: Production of Ethylene ($\text{CH}_2 = \text{CH}_2$);
Chapter 8: Manufacture of Ethylene Dichloride (EDC) and Vinyl Chloride Monomer (VCM);
Chapter 9: Production of Ethylene Oxide (EO);
Chapter 10: Manufacture of Ethanolamines;
Chapter 11: Manufacture of Propylene (C_3H_6);
Chapter 12: Production of Isopropanol (Iso-Propyl Alcohol) from Propylene;
Chapter 13: Manufacture of Acetone by Dehydrogenation of Iso-Propanol;
Chapter 14: Manufacture of Cumene (Isopropyl Benzene from Propylene);
Chapter 15: Production from Acrylonitrile from Propylene;
Chapter 16: Production of Isoprene from Propylene;
Chapter 17: Manufacture of Epichlorohydrin and Propylene Oxide;
Chapter 18: Production of Aldehydes, Alcohols, Carboxylic Acid by Oxy-Processing of Olefins;
Chapter 19: Manufacture of Butadiene (C_4H_6);
Chapter 20: Important Aromatic Compounds- Benzene, Toluene & Xylene (BTX);
Chapter 21: Production of Benzene and Toluene;
Chapter 22: Production of Benzene by Hydrodealkylation of Toluene;
Chapter 23: Manufacture of Xylene;
Chapter 24: Manufacture of Phenol from Cumene;
Chapter 25: Manufacture of Phenol from Toluene Oxidation;
Chapter 26: Manufacture of Phenol from Hydrochlorination of Benzene;
Chapter 27: Manufacture of Phenol

...

CHEMICAL ENGINEERING



ELEMENTS OF REFRACTORY TECHNOLOGY

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789386173645

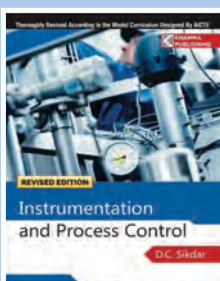
Pages: 320

Year: 2019

Language: English

CONTENTS:

- Chapter 1:** Introduction to Refractories;
Chapter 2: Manufacture, Properties and Applications of Important Refractories
Chapter 3: Refractories used in Various Furnaces/Industries;
Chapter 4: Properties Testing of Refractory;
Chapter 5: Phase Equilibrium in Refractory Materials;
Chapter 6: Insulating Refractories / Ceramic Fibres;
Chapter 7: Special Refractories;
Chapter 8: Refractory - Cements/Mortars, Castables Ramming Masses



INSTRUMENTATION AND PROCESS CONTROL

AICTE RECOMMENDED

D.C. Sikdar

ISBN: 9789382609049

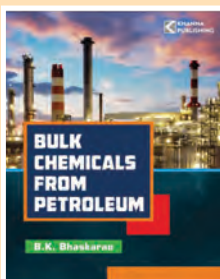
Pages: 368

Year: 2022

Language: English

CONTENTS:

- Chapter 1:** Instrumentation Fundamental;
Chapter 2: Pressure Measurements;
Chapter 3: Temperature Measurements;
Chapter 4: Flow Measurements;
Chapter 5: Level Measurements;
Chapter 6: Laplace Transform;
Chapter 7: Basic Concept of Process Control and First Order System;
Chapter 8: First Order System in Series;
Chapter 9: Second Order System;
Chapter 10: Industrial Bio-processes;
Chapter 11: Controllers and Final Control Elements;
Chapter 12: Block Diagram and Transient Response of Closed Loop Control System;
Chapter 13: Stability;
Chapter 14: Advanced Control Techniques;
Chapter 15: Control Structure of Unit Operations



BULK CHEMICALS FROM PETROLEUM

AICTE RECOMMENDED

B.K. Bhaskararao

ISBN: 9789386173997

Pages: 416

Year: 2021

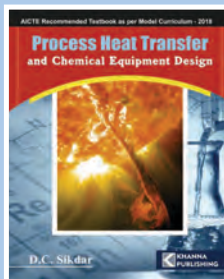
Language: English

CONTENTS:

- Chapter 1:** Petrochemical Industry-Feedstocks;
Chapter 2: Chemicals from Methane;
Chapter 3: Chemicals from Ethane-Ethylene-Acetylene;
Chapter 4: Chemical from C₃, C₄ and Higher Carbon Atoms;
Chapter 5: Synthesis Gas and Chemicals;
Chapter 6: Polymers of Olefin;
Chapter 7: Petroleum Aromatics;
Chapter 8: Synthetic Fibers;
Chapter 9: Synthetic Rubber;
Chapter 10: Plastics;
Chapter 11: Synthetic Detergents;

...

CHEMICAL ENGINEERING



PROCESS HEAT TRANSFER AND CHEMICAL EQUIPMENT DESIGN

AICTE RECOMMENDED

D.C. Sikdar

ISBN: 9789386173614

Pages: 364

Year: 2019

Language: English

CONTENTS:

Chapter 1: Basic Concept at Heat Transfer;
Chapter 2: Conduction;
Chapter 3: Insulations;
Chapter 4: Convection;
Chapter 5: Extended Surface– Fins;
Chapter 6: Dimensionless Group and Dimensional Analysis;
Chapter 7: Heat Transfer Analogy;
Chapter 8: Heat Transfer with Phase Change;
Chapter 9: Heat Transfer Equipment;
Chapter 10: Design of Heat Transfer Equipment;
Chapter 11: Radiation



ELEMENTS OF POLYMER SCIENCE & TECHNOLOGY

O.P. Gupta

ISBN: 9789355384560

Pages: 340

Year: 2024

Language: English

CONTENTS:

Chapter 1: Fundamentals of Polymer Science & Technology
Chapter 2: Raw Materials Used for Synthetic Polymers
Chapter 3: Properties & Testing of Polymers
Chapter 4: Polymers Processing Technologies
Chapter 5: Polythene
Chapter 6: Polypropylene
Chapter 7: Poly Vinyl Chloride (PVC)
Chapter 8: Poly Methyl Methacrylate (PMMA)
Chapter 9: Polystyrene
Chapter 10: Phenol Formaldehyde (Bakelite)
Chapter 11: Urea Formaldehyde
Chapter 12: Melamine Formaldehyde
Chapter 13: Polycarbonates
Chapter 14: Epoxy Resins
Chapter 15: Polyurathanes
Chapter 16: Poly Ethylene Terephthalate (PET)
Chapter 17: Amino Resins (Aminoplasts)
Chapter 18: Polytetrafluoroethylene (PTFE- Teflon)
Chapter 19: Overview of Rubbers (Elastomers)
Chapter 20: Polyisoprene (Natural Rubber)
Chapter 21: Styrene Butadiene Rubber (Buna-S)
Chapter 22: Nitrile Rubber (Buna-N)
Chapter 23: Butyl Rubber (Polyisobutylene)
Chapter 24: Neoprene Rubber (Polychloroprene)
Chapter 25: Ethylene Propylene Rubber (EPR)
Chapter 26: Silicone Rubbers
Chapter 27: Cellulose Acetate Fibres
Chapter 28: Viscose Rayon & Cupraammonium Fibres

....

CHEMICAL ENGINEERING



MECHANICAL OPERATIONS

D.C. Sikdar

ISBN: 9789355380500

Pages: 236

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Particle Technology;
Chapter 3: Size Reduction;
Chapter 4: Flow of Fluid Past Immersed Bodies;
Chapter 5: Motion of Particles Through Fluids;
Chapter 6: Sedimentation;
Chapter 7: Filtration;
Chapter 8: Agitation and Mixing;
Chapter 9: Sampling, Storage and Conveying of Solids;
Chapter 10: Magnetic Separations;
Chapter 11: Jigging



PAPER TECHNOLOGY AND SYSTEM DESIGN

Susanta Kumar

ISBN: 9789355389008

Pages: 376

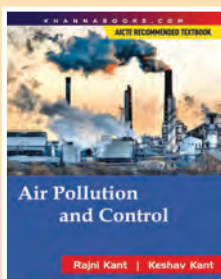
Year: 2024

Language: English

CONTENTS:

Chapter 1: Historical Background
Chapter 2: Process
Chapter 3: Chemical Recovery
Chapter 4: System Design, Process Equipment and Paper Machine Complex
Chapter 5: Classification of Paper and Paper Board
Chapter 6: Paper and Paper Board Size and Calculation
Chapter 7: Coating and Coating Chemicals
Chapter 8: Recycling of Paper
Chapter 9: Deinking Method
Chapter 10: Water Treatment
Chapter 11: Effluent Treatment
Chapter 12: Energy Optimization in Pulp and Paper Sector
Chapter 13: Laboratory and Testing Method
Chapter 14: Instrumentation
Chapter 15: Project Cost Estimate
Chapter 16: Printing Process Ink Paper and Nano Technology

CIVIL & MECHANICAL ENGINEERING



AIR POLLUTION AND CONTROL

AICTE RECOMMENDED

Rajni Kant, Keshav Kant

ISBN: 9789386173300

Pages: 456

Year: 2023

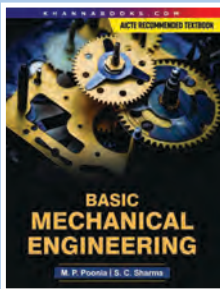
Language: English

CONTENTS:

- Chapter 1:** Introduction;
- Chapter 2:** Sources of Air Pollution and their Ill-effects;
- Chapter 3:** Effects of meteorological Conditions on Air Pollution;
- Chapter 4:** Control of Emission of Suspended Particulate Matter in Coal Fired Thermal power Stations;
- Chapter 5:** Control of Oxides of Nitrogen in Combustion of Fossil fuels in Power Generation and Industries;
- Chapter 6:** Control of Emission of Oxides of sulphur by Absorption Systems Internal to Boilers;
- Chapter 7:** Control of Emission of Oxides of sulphur(SO_x) for Flue Gases of Boilers;
- Chapter 8:** Air Pollution from Industries and Their Control;
- Chapter 9:** Air Pollution in Petroleum Refineries;
- Chapter 10:** Control of Mercury Emission from Thermal Power Stations and Industries;
- Chapter 11:** Air Pollution by Nuclides / Radioactivity - Safety and Control;
- Chapter 12:** Air Pollution by Municipal Solid Wastes, Biomedical Wastes and E-Wastes and Their Control;
- Chapter 13:** Control of Air Pollution from Mobile Sources and Standards Applicable;
- Chapter 14:** Damage due to Air Pollution to Electronic / Electrical Equipments and protective Measures;
- Chapter 15:** Emission Limits Imposed by Indian regulations;

...

CIVIL & MECHANICAL ENGINEERING



BASIC MECHANICAL ENGINEERING

AICTE RECOMMENDED

MP Poonia, S.C. Sharma

ISBN: 9789386173331

Pages: 792

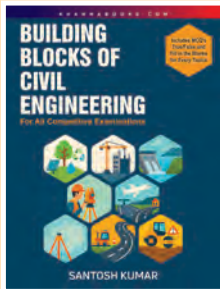
Year: 2023

Language: English

CONTENTS:

- Chapter 1:** Mechanics - An Introduction;
- Chapter 2:** Transmission of Power;
- Chapter 3:** Fundamentals of Thermodynamics and Heat Transfer;
- Chapter 4:** Properties of Gases;
- Chapter 5:** Properties of Steam;
- Chapter 6:** Fuel and Combustion of Fuels;
- Chapter 7:** Thermal Power Plants 1-Steam Boilers (Generators);
- Chapter 8:** Thermal Power Plants 2-Steam Engines, Turbines And Condenser;
- Chapter 9:** Air Compressors;
- Chapter 10:** Internal Combustion Engines (I.C Engines)
- Chapter 11:** Fuel System in I.C Engines;
- Chapter 12:** Automobile Engineering;
- Chapter 13:** Gas Turbines;
- Chapter 14:** Refrigeration and Air Conditioning;
- Chapter 15:** Hydraulic Pumps;
- Chapter 16:** Hydraulic Devices;
- Chapter 17:** Hydro Electric Power Plants;
- Chapter 18:** Hydraulic Turbines;
- Chapter 19:** Sources of Energy;
- Chapter 20:** Engineering Materials Stress and Strain;
- Chapter 21:** Manufacturing Process-Mechanical Working of Metals;
- Chapter 22:** Pattern-Making Foundry and Casting;
- Chapter 23:** Welding Engineering;
- Chapter 24:** Tools, Jigs and Fixtures;
- Chapter 25:** Machine Tools;
- Chapter 26:** Automation and Robotics,

CIVIL & MECHANICAL ENGINEERING



BUILDING BLOCKS OF CIVIL ENGINEERING

Santosh Kumar

ISBN: 9789355383372

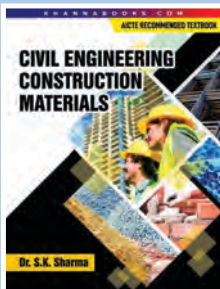
Pages: 432

Year: 2025

Language: English

CONTENTS:

Section 1: Airport Engineering;
Section 2: Construction-Planning and Management;
Section 3: Dams;
Section 4: Docks and Harbours;
Section 5: Engineering Geology;
Section 6: Engineering Mathematics;
Section 7: Environmental Science;
Section 8: Fluid Mechanics and Hydraulic Machines;
Section 9: Groundwater;
Section 10: Hydrology;
Section 11: Irrigation;
Section 12: Materials;
Section 13: Open Channel Flow
Section 14: Railway Engineering
Section 15: R.C.C. Structures
Section 16: River Engineering
Section 17: Soil Mechanics and Foundation Engineering
Section 18: Steel Structures
Section 19: Strength of Materials;
Section 20: Structural Analysis;
Section 21: Surveying;
Section 22: Transportation Engineering;
Section 23: Tunneling



CIVIL ENGINEERING CONSTRUCTION MATERIALS

AICTE RECOMMENDED

S.K. Sharma

ISBN: 9789382609841

Pages: 416

Year: 2024

Language: English

CONTENTS:

Chapter 1: Stones;
Chapter 2: Bricks, Tiles and other Clay Products;
Chapter 3: Lime;
Chapter 4: Cement;
Chapter 5: Aggregates (Fine and Coarse);
Chapter 6: Mortars;
Chapter 7: Concrete;
Chapter 8: Timber and Allied Products;
Chapter 9: Ferrous Metals and Alloys;
Chapter 10: Non-Ferrous Metals and Alloys;
Chapter 11: Plastics in Buildings;
Chapter 12: Paints, Varnishes and Protection of Metal;
Chapter 13: Glass;
Chapter 14: Bituminous Materials;
Chapter 15: Miscellaneous Materials

CIVIL & MECHANICAL ENGINEERING



CONSTRUCTION ENGINEERING AND MANAGEMENT

AICTE RECOMMENDED

S.C. Sharma & S.V. Deodhar

ISBN: 9789391505356

Pages: 472

Year: 2022

Edition: Second

Language: English

CONTENTS:

Chapter 1: Management;

Chapter 2: Construction, Its Management and Operation;

Chapter 3: River Training Work for Construction Management;

Chapter 4: Work Study;

Chapter 5: Contracts and Tender;

Chapter 6: Project Management Technique (CPM/PERT)

Chapter 7: Quality Control and Inventory;

Chapter 8: Forms for Concrete Structure;

Chapter 9: Prefabricated Structures;

Chapter 10: Management of Demolition Works;

Chapter 11: Construction Equipment Basics;

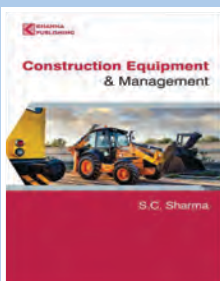
Chapter 12: Earth Moving Equipment;

Chapter 13: Hauling (Transportation) Equipment;

Chapter 14: Concreting Equipment;

Chapter 15: Pumping and Dewatering Equipment;

Chapter 16: Hoisting Equipment (Lifting and Elevating Equipments, and Cranes)



CONSTRUCTION EQUIPMENT AND MANAGEMENT

AICTE RECOMMENDED

S.C. Sharma

ISBN: 9789382609056

Pages: 500

Year: 2022

Language: English

CONTENTS:

PART-I: Equipment Management

PART-II: Earthwork Equipment

PART-III: Concrete And Asphalt Plants

PART-IV: Other Construction Equipment

PART-V: Materials Handling Equipment

CIVIL & MECHANICAL ENGINEERING



DISASTER MANAGEMENT

AICTE RECOMMENDED

S.C. Sharma

ISBN: 9789355383969

Pages: 248

Year: 2022

Edition: Second

Language: English

CONTENTS:

- Chapter 1:** Introduction to disaster Management (Concepts and Definition);
- Chapter 2:** Disaster Classification;
- Chapter 3:** Natural Disasters;
- Chapter 4:** Man-Made Disasters;
- Chapter 5:** Disaster Preparedness and Management;
- Chapter 6:** Disaster Mitigation;
- Chapter 7:** Disaster Prone (Hazard Vulnerable) Areas In India;
- Chapter 8:** Risk Assessment and its Management;
- Chapter 9:** Disaster Impacts;
- Chapter 10:** Environmental Challenges;
- Chapter 11:** Disaster, Environment and Development;
- Chapter 12:** Legislation and Government Role on Disaster Risk Reduction



ELEMENTS OF MECHANICAL ENGINEERING

AICTE RECOMMENDED

D.S. Bedi, MP Poonia

ISBN: 9789386173065

Pages: 748

Year: 2019

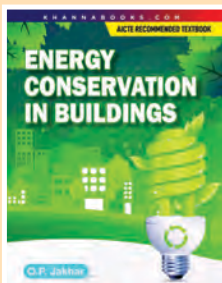
Edition: Third

Language: English

CONTENTS:

- Chapter 1:** Basic Concepts of Thermodynamics;
- Chapter 2:** Properties of Pure Substances;
- Chapter 3:** First Law of Thermodynamic-Closed Systems;
- Chapter 4:** First Law of Thermodynamics Applied to Flow Processes;
- Chapter 5:** Second Law of Thermodynamics;
- Chapter 6:** Entropy;
- Chapter 7:** Gas Power Cycles;
- Chapter 8:** Internal Combustion Engines;
- Chapter 9:** Mechanisms and Machines;
- Chapter 10:** Lifting Machines;
- Chapter 11:** Concept of Mechanical Behavior of Engineering Materials;
- Chapter 12:** Relation Between Elastic Constants;
- Chapter 13:** Engineering Materials;
- Chapter 14:** Centroid, Centre of Gravity, Second Movement of Area and Mass Movement of Inertia

CIVIL & MECHANICAL ENGINEERING



ENERGY CONSERVATIONS IN BUILDINGS

AICTE RECOMMENDED

O.P. Jakhar

ISBN: 9789386173461

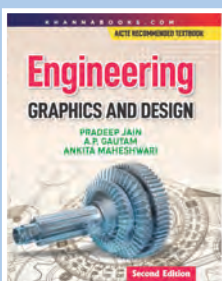
Pages: 148

Year: 2023

Language: English

CONTENTS:

- Chapter 1:** Introduction;
- Chapter 2:** History of Energy Conservation in Building;
- Chapter 3:** Simulation Techniques of Energy Conservation in Building;
- Chapter 4:** Passive System of Energy Conservation in Buildings;
- Chapter 5:** Passive cooling Methods for Building in Hot and Dry Climate;
- Chapter 6:** Energy Auditing and Radiation Cooling of Building in hot and Dry Climate



ENGINEERING GRAPHICS AND DESIGN

AICTE RECOMMENDED

Pradeep Jain, A.P. Gautam, Anita Maheshwari

ISBN: 9789386173478

Pages: 284

Year: 2021

Edition: Second

Language: English

CONTENTS:

- Chapter 1:** Introduction to Engineering Drawing;
- Chapter 2:** Projections;
- Chapter 3:** Auxiliary Planes and Views and Projections;
- Chapter 4:** Sectional Views;
- Chapter 5:** Isometric Projections;
- Chapter 6:** Overview of Computer Aided Design;
- Chapter 7:** Drawing Using AUTOCAD;
- Chapter 8:** Modifying Using AUTOCAD;
- Chapter 9:** Customisation and Productive Tools;
- Chapter 10:** Dimensioning, Annotations Layering;
- Chapter 11:** Solid Modelling



ENGINEERING MECHANICS

AICTE RECOMMENDED

D.S. Bedi, MP Poonia

ISBN: 9789386173263

Pages: 596

Year: 2021

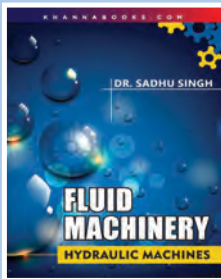
Edition: Second

Language: English

CONTENTS:

- Chapter 1:** Two Dimensional Force System;
- Chapter 2:** Friction;
- Chapter 3:** Shearing Force and Bending Moment in Beams;
- Chapter 4:** Truss;
- Chapter 5:** Centroid, Centre of Gravity, Second Moment of Area and moment of Inertia;
- Chapter 6:** Kinematics of Rigid Body;
- Chapter 7:** Kinetics of Rigid Bodies;
- Chapter 8:** Simple Stress and Strain;
- Chapter 9:** Elastic Constants, Complex Stresses and Strain Energy;
- Chapter 10:** Pure Bending of Beams;
- Chapter 11:** Torsion

CIVIL & MECHANICAL ENGINEERING



FLUID MACHINERY (HYDRAULIC MACHINES)

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789382609285

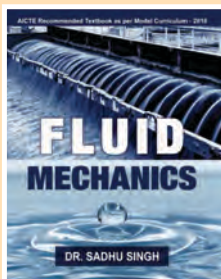
Pages: 478

Year: 2025

Language: English

CONTENTS:

Chapter 1: Basic Concepts of Fluid Machinery;
Chapter 2: Whirling of Fluids;
Chapter 3: Hydro Power Generation Fundamentals;
Chapter 4: Unit and Specific Quantities;
Chapter 5: Pelton Turbine;
Chapter 6: Francis Turbine;
Chapter 7: Kaplan Turbine;
Chapter 8: Draft Tube and Cavitation;
Chapter 9: Governing, Selection and Performance of Hydraulic Turbines;
Chapter 10: Reciprocating Pumps;
Chapter 11: Centrifugal Pump;
Chapter 12: Fluid Devices and Systems;
Chapter 13: Fluid Laboratory Practice;
Chapter 14: Conventional Questions From IES;
Chapter 15: Multi-Choice Questions From IES



FLUID MECHANICS

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789381068656

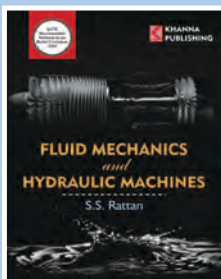
Pages: 680

Year: 2021

Language: English

CONTENTS:

Chapter 1: Fluid Properties;
Chapter 2: Fluid Statics;
Chapter 3: Fluid Kinematics;
Chapter 4: Fluid Dynamics;
Chapter 5: Compressible Fluid Flow;
Chapter 6: Viscous Flow;
Chapter 7: Flow Through Pipes;
Chapter 8: Boundary Layer flow;
Chapter 9: Turbulent Flow;
Chapter 10: Fluid Measurement;
Chapter 11: Dimensional and Model Analysis;
Chapter 12: Notches and Weirs;
Chapter 13: Flow through Open Channels;
Chapter 14: Potential Flow



FLUID MECHANICS AND HYDRAULIC MACHINES

AICTE RECOMMENDED

S.S. Rattan

ISBN: 9788187522461

Pages: 752

Year: 2021

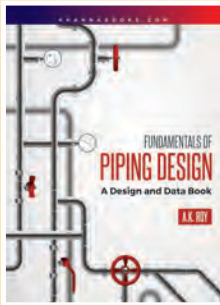
Language: English

CONTENTS:

Chapter 1: Fluid Pressure
Chapter 2: Submerged Surfaces
Chapter 3: Buoyancy
Chapter 4: Fluid Kinematics
Chapter 5: Fluid Dynamics
Chapter 6: Orifices and Mouthpieces
Chapter 7: Notches and Weirs
Chapter 8: Dimensional Analysis
Chapter 9: Viscous flow
Chapter 10: Turbulent Flow
Chapter 11: Pipe Flow
Chapter 12: Flow in Open Channels
Chapter 13: Boundary Layer Theory
Chapter 14: Immersed Bodies
Chapter 15: Compressible Flow

...

CIVIL & MECHANICAL ENGINEERING



FUNDAMENTALS OF PIPING DESIGN – A DESIGN AND DATA BOOK

A.K. Roy

ISBN: 9789355387738

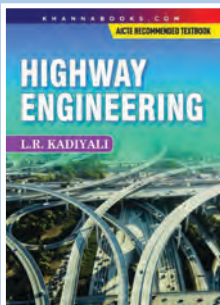
Pages: 368

Year: 2024

Language: English

CONTENTS:

Chapter 1: Codes and Standards
Chapter 2: Piping Elements
Chapter 3: Valves
Chapter 4: Piping Drawings
Chapter 5: Plot Plan
Chapter 6: Equipment and Piping Layout
Chapter 7: Mechanical Design Fundamentals
Chapter 8: Pipe Under Stress
Chapter 9: Pipe Hydraulics and Sizing
Chapter 10: Selection of Pipe Supports
Chapter 11: Pipe Stress Analysis
Chapter 12: Expansion Joints



HIGHWAY ENGINEERING

AICTE RECOMMENDED

L.R. Kadiyali

ISBN: 9789386173133

Pages: 604

Year: 2021

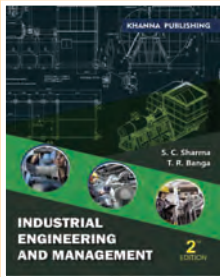
Language: English

CONTENTS:

Chapter 1: Development of Highways
Chapter 2: Highway Administration and Finance
Chapter 3: Road User and the Vehicle
Chapter 4: Geometric Design
Chapter 5: Design Surveys, Soils and Aggregates, Investigations and Tests
Chapter 6: Design, Drawing, Estimates and Projects Report
Chapter 7: Economic Evaluation of Highway Projects
Chapter 8: Embankment Design and Construction
Chapter 9: Types of Pavements and Factors Governing Pavement Design
Chapter 10: Pavement Materials
Chapter 11: Design of Flexible Pavements
Chapter 12: Rigid Pavements
Chapter 13: Soil Stabilisation
Chapter 14: Granular Sub-Bases, Bases and Surface Courses
Chapter 15: Brick, Stone and Cement Concrete Block Pavements
Chapter 16: Hill Roads
Chapter 17: Rural Roads (Low Volume Roads)
Chapter 18: Urban Roads
Chapter 19: Expressways
Chapter 20: Toll Roads
Chapter 21: Desert Roads
Chapter 22: Roads in Swampy and Water-Logged Areas and in Black Cotton Soils
Chapter 23: Road Construction Machinery
Chapter 24: Road Construction Programming and Management
Chapter 25: Highway Drainage
Chapter 26: Cross-Drainage Structures
Chapter 27: Road Accident and Highway Design

...

CIVIL & MECHANICAL ENGINEERING



INDUSTRIAL ENGINEERING AND MANAGEMENT

AICTE RECOMMENDED

S.C. Sharma, T.R. Banga

ISBN: 9789355380098

Pages: 848

Year: 2022

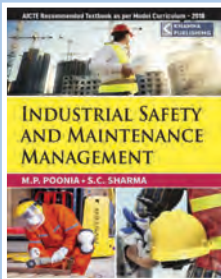
Edition: Second

Language: English

CONTENTS:

- Chapter 1:** Introduction to Industrial Engineering and Industrial Management;
- Chapter 2:** Management Concepts;
- Chapter 3:** Function of Management;
- Chapter 4:** Organization;
- Chapter 5:** Personal (Human Resource management);
- Chapter 6:** Motivation, Moral and Behavioral Science;
- Chapter 7:** Job Evaluation, Wages and Incentive;
- Chapter 8:** Industrial Relations and Trade Union;
- Chapter 9:** Industrial Legislation (Labour Laws);
- Chapter 10:** Work Study-1 (Method Study);
- Chapter 11:** Work Study-2 (Time Study or Work Measurement);
- Chapter 12:** Ergonomics (Human Engineering);
- Chapter 13:** Production and Productivity;
- Chapter 14:** Product Design and Development;
- Chapter 15:** Production Planning and Control;
- Chapter 16:** Market Research and Sales Forecasting;
- Chapter 17:** Value Engineering (Value Analysis);
- Chapter 18:** Plant Location and Layout;
- Chapter 19:** Decision-Making;
- Chapter 20:** Network Analysis (Techniques);
- Chapter 21:** Inspection and Acceptance Sampling;
- Chapter 22:** Quality Control and Quality Assurance;
- Chapter 23:** Total Quality Management;
- Chapter 24:** Purchasing and Stock-Keeping;
- Chapter 25:** Material Management (M.M.);
- Chapter 26:** Inventory Management;
- Chapter 27:** Financial Management;
- Chapter 28:** Indirect Expense and Depreciation;
- Chapter 29:** Elements of Economics (Economic Concepts);
- Chapter 30:** Engineering and Managerial Economics;
- Chapter 31:** Break-Even Analysis;
- Chapter 32:** Equipment for Costs, Costing and Cost Control;
- Chapter 33:** Environmental Pollution and Control

CIVIL & MECHANICAL ENGINEERING



INDUSTRIAL SAFETY & COMPUTERIZED MAINTENANCE MANAGEMENT

AICTE RECOMMENDED

MP Poonia, S.C. Sharma

ISBN: 9789386173188

Pages: 492

Year: 2024

Language: English

CONTENTS:

PART - 1: INDUSTRIAL SAFETY

- Chapter 1:** Safety Concept;
- Chapter 2:** Accidents and Their Prevention;
- Chapter 3:** Accident Investigation and Reporting;
- Chapter 4:** Safety Management;
- Chapter 5:** She Audit and Safety Management Techniques;
- Chapter 6:** Hazards;
- Chapter 7:** Occupation Health and Hygiene;
- Chapter 8:** Ergonomics (Human Engineering);
- Chapter 9:** Safety Performance;
- Chapter 10:** Fire and Explosions;
- Chapter 11:** Fire Prevention, Protection and Control;
- Chapter 12:** Electrical Safety;
- Chapter 13:** Common Hazards in Construction Industry;
- Chapter 14:** Hazards in Industry and Safe Working Practice;
- Chapter 15:** Safety in Materials Handling and Storage;
- Chapter 16:** Personal Protection Equipment (PPE);
- Chapter 17:** Occupation Health and Safety Management System;
- Chapter 18:** First Aid and Medical Care

PART - 2: MAINTENANCE MANAGEMENT

- Chapter 19:** Introduction to Maintenance;
- Chapter 20:** Maintenance Strategies/Types;
- Chapter 21:** Reliability Engineering;
- Chapter 22:** Maintenance, Availability and Failure Analysis;
- Chapter 23:** Replacements Economics;
- Chapter 24:** Maintenance and Repairs of Defects/Failures;
- Chapter 25:** Computerized Maintenance Management System (CMMS)

CIVIL & MECHANICAL ENGINEERING



MACHINE DESIGN

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789382609575

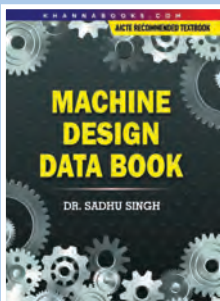
Pages: 826

Year: 2021

Language: English

CONTENTS:

Chapter 1: Engineering Design;
Chapter 2: Selection of Engineering Materials;
Chapter 3: Design for Static Load;
Chapter 4: Design for Variable Load;
Chapter 5: Riveted Joints;
Chapter 6: Welded Joints;
Chapter 7: Screwed Joints;
Chapter 8: Power Screws;
Chapter 9: Transmission Shafts;
Chapter 10: Keys and Couplings;
Chapter 11: Levers;
Chapter 12: Cotter and Knuckle-Joints;
Chapter 13: Pine Joints;
Chapter 14: Mechanical Springs;
Chapter 15: Flat & V-Belts;
Chapter 16: Chains and Ropes;
Chapter 17: Spur Gears;
Chapter 18: Helical Gears;
Chapter 19: Bevel Gears;
Chapter 20: Worm Gears;
Chapter 21: Siding Bearings;
Chapter 22: Rolling Contact Bearings;
Chapter 23: Flywheel;
Chapter 24: Clutches and Brakes;
Chapter 25: Internal Combustion Engine Parts;
Chapter 26: Lubrication in Transmission System



MACHINE DESIGN DATA BOOK

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789382609513

Pages: 320

Year: 2023

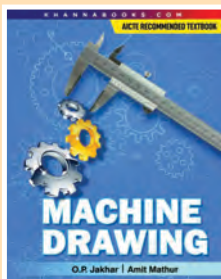
Language: English

CONTENTS:

Chapter 1: Basic Design Data;
Chapter 2: Engineering Materials;
Chapter 3: Design for Static Loading;
Chapter 4: Design for Variable Loading;
Chapter 5: Riveted Joints;
Chapter 6: Welded Joints;
Chapter 7: Screwed Joints;
Chapter 8: Power Screws;
Chapter 9: Transmission Shafts;
Chapter 10: Keys and Couplings;
Chapter 11: Cotter Joints;
Chapter 12: Knuckle Joint;
Chapter 13: Pipe Joints;
Chapter 14: Mechanical Springs;
Chapter 15: Flat and V-Belts;
Chapter 16: Chains and Ropes;
Chapter 17: Spur Gears;
Chapter 18: Helical Gears;
Chapter 19: Bevel Gears;
Chapter 20: Worm Gears;
Chapter 21: Sliding Bearings;
Chapter 22: Rolling Contact Bearings;

....

CIVIL & MECHANICAL ENGINEERING



MACHINE DRAWING

AICTE RECOMMENDED

O.P. Jakhar, Amit Mathur

ISBN: 9789386173287

Pages: 188

Year: 2021

Language: English

CONTENTS:

Chapter 1: Basic of Machine Drawing;
Chapter 2: Sectional Views;
Chapter 3: Rivets and Riveted Joints;
Chapter 4: Screw Threads and Fasteners;
Chapter 5: Bearings & Shaft Coupling;
Chapter 6: Assembly Drawing;
Chapter 7: Power Transmission Drives;
Chapter 8: Basics Drawing Softwares



OPEN CHANNEL FLOW

AICTE RECOMMENDED

Saiful Islam

ISBN: 9789381068991

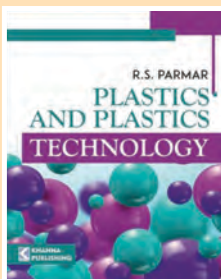
Pages: 460

Year: 2013

Language: English

CONTENTS:

Chapter 1: Basic Principles of Open Channel Flow;
Chapter 2: Uniform Flow;
Chapter 3: Gradually Varied Flow;
Chapter 4: Rapidly Varied Flow (RVF);
Chapter 5: Flow Measurement in Open Channel Flow;
Chapter 6: Spatially Varied Flow;
Chapter 7: Flow in Channel of Non-Linear Alignment and Non-Prismatic Channel;
Chapter 8: Objective Type Questions:



PLASTICS AND PLASTICS TECHNOLOGY

AICTE RECOMMENDED

R.S. Parmar

ISBN: 9789386173744

Pages: 304

Year: 2020

Language: English

CONTENTS:

Chapter 1: Polymers, Plastics and Elastomers (Rubbers);
Chapter 2: Polymeric Materials;
Chapter 3: Testing of Plastics;
Chapter 4: Processing of Polymers;
Chapter 5: Case Study: Automotive Products;
Chapter 6: Recycling of Plastics;
Chapter 7: Epilogue



PRINCIPLES AND THEORY OF GEOINFORMATICS

AICTE RECOMMENDED

P.K. Garg

ISBN: 9789386173706

Pages: 296

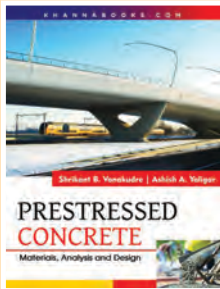
Year: 2019

Language: English

CONTENTS:

Chapter 1: Geoinformatics;
Chapter 2: Photogrammetry;
Chapter 3: Remote Sensing;
Chapter 4: Global Positioning Systems;
Chapter 5: Geographic Information Systems

CIVIL & MECHANICAL ENGINEERING



PRESTRESSED CONCRETE

AICTE RECOMMENDED

Shrikant B. Vanakudre,
Ashish A. Yaligar

ISBN: 9789386173317

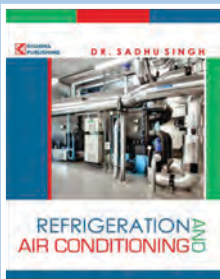
Pages: 420

Year: 2023

Language: English

CONTENTS:

Chapter 1: Introduction, Materials and Systems of Pre-stressing;
Chapter 2: Analysis of Sections For Flexure;
Chapter 3: Losses of Pre-stress;
Chapter 4: Analysis and Design of Sections for Shear;
Chapter 5: Deflection of Pre-stressed Concrete Member;
Chapter 6: Ultimate Flexural Resistance;
Chapter 7: Design of Pre-stress Concrete Sections For Flexure and Torsion;
Chapter 8: End Blocks;
Chapter 9: Analysis and Design of PSC Continuous Beams;
Chapter 10: Analysis and Design of Composite Sections;
Chapter 11: Design of PSC One Way, Two Way & Flat Slabs and Grid Floors;
Chapter 12: Compression Members and Piles;
Chapter 13: Tension Members, Pipes and Tanks;
Chapter 14: Poles, Pavements & Sleepers;
Chapter 15: Design of Pre-stressed Concrete Bridges



REFRIGERATION AND AIR CONDITIONING

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789386173089

Pages: 820

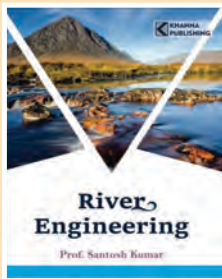
Year: 2021

Language: English

CONTENTS:

Chapter 1: Basic Concepts of Thermodynamics;
Chapter 2: Fundamentals of Refrigeration;
Chapter 3: Air Refrigeration Cycles;
Chapter 4: Aircraft Refrigeration Systems;
Chapter 5: Simple Vapour Compression Systems;
Chapter 6: Multi-Stage Vapour Compression Systems;
Chapter 7: Vapour Absorption Refrigeration Systems;
Chapter 8: Refrigerants;
Chapter 9: Refrigeration Equipment;
Chapter 10: Cryogenics;
Chapter 11: Steam Jet Refrigeration;
Chapter 12: Psychrometry;
Chapter 13: Comfort Air-Conditioning;
Chapter 14: Cooling and Heating Load Estimation;
Chapter 15: Ducts Design;
Chapter 16: Fans;
Chapter 17: Applications of Refrigeration And Air-Conditioning

CIVIL & MECHANICAL ENGINEERING



RIVER ENGINEERING

AICTE RECOMMENDED

Santosh Kumar

ISBN: 9789386173799

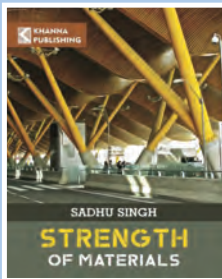
Pages: 264

Year: 2021

Language: English

CONTENTS:

Chapter 1: River: The Great Source of Life;
Chapter 2: River Morphology;
Chapter 3: River Hydrology;
Chapter 4: River Hydraulics
Chapter 5: Sediment Characteristics;
Chapter 6: Initiation of Particle Motion (Also known as Threshold of Movement of Incipient Motion);
Chapter 7: Bed Forms (Regime of Flow);
Chapter 8: Resistance to Flow (Channel Roughness);
Chapter 9: Estimation of Sediment Load;
Chapter 10: Sediment Measurement Techniques
Chapter 11: Methods of River Training;
Chapter 12: River Gauging;
Chapter 13: Flood & Flood Control;
Chapter 14: River Ecosystem;
Chapter 15: Interlinking of Rivers;
Chapter 16: River Modelling



STRENGTH OF MATERIALS

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789381068809

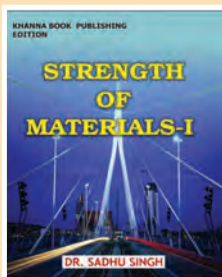
Pages: 600

Year: 2021

Language: English

CONTENTS:

Chapter 1: Compound Stresses and Strains;
Chapter 2: Theories of Failure;
Chapter 3: Three Dimensional Stresses and Strains;
Chapter 4: Stresses in Beams;
Chapter 5: Deflection of Beams;
Chapter 6: Fixed and Continuous Beams;
Chapter 7: Torsion of Shafts;
Chapter 8: Columns and Struts;
Chapter 9: Helical and Leaf Springs;
Chapter 10: Thin Cylinders and Spheres;
Chapter 11: Thick Cylinders and Spheres;
Chapter 12: Rotating Discs and Cylinders;
Chapter 13: Curved Beams;
Chapter 14: Unsymmetrical Bending



STRENGTH OF MATERIALS-I

Sadhu Singh

ISBN: 9789381068618

Pages: 428

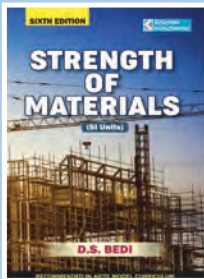
Year: 2018

Language: English

CONTENTS:

Chapter 1: Simple Stresses and Strains;
Chapter 2: Compound stresses and strains;
Chapter 3: Shear Force and Bending Moments;
Chapter 4: Torsion of Circular Members;
Chapter 5: Bending and Shear Stresses in Beams;
Chapter 6: Columns and Struts;
Chapter 7: Slope and Deflection;
Chapter 8: Fixed beams

CIVIL & MECHANICAL ENGINEERING



STRENGTH OF MATERIALS

AICTE RECOMMENDED

D.S. Bedi

ISBN: 9789382609117

Pages: 752

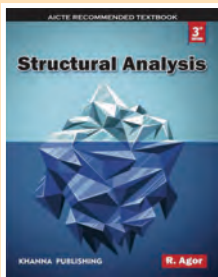
Year: 2022

Edition: Sixth

Language: English

CONTENTS:

Chapter 1: Simple Stress and Strain;
Chapter 2: Complex Stresses and Strains;
Chapter 3: Shearing Force and Bending Moments in Beams;
Chapter 4: Bending Stresses;
Chapter 5: Shear Stresses in Beams;
Chapter 6: Deflection and Beams;
Chapter 7: Torsion of Circular Shafts;
Chapter 8: Struts and Columns;
Chapter 9: Thin Shells;
Chapter 10: Thick Cylinders;
Chapter 11: Springs;
Chapter 12: Strain Energy and Deflection due to Shear and Bending;
Chapter 13: Theories of Failure;
Chapter 14: Bending of Curved Bars;
Chapter 15: Stresses Due to Rotation;
Chapter 16: Unsymmetrical Bending;
Chapter 17: Plastic Theory of Bending;
Chapter 18: Three Dimensional Stress System;
Chapter 19: Torsion of Non-Circular Shafts;
Chapter 20: Miscellaneous Problems;
Chapter 21: Plastic Theory of Bending



STRUCTURAL ANALYSIS

R. Agor

ISBN: 9788195123100

Pages: 640

Year: 2021

Edition: Third

Language: English

CONTENTS:

Chapter 1: Stress & Strains;
Chapter 2: Centroid & Moment of Inertia;
Chapter 3: Mass Moment of inertia of Solid Bodies;
Chapter 4: Shearing Force and Bending Moment;
Chapter 5: Bending Stresses in Beams;
Chapter 6: Slope and Deflection of Beam;
Chapter 7: Analysis of Determinate Trusses;
Chapter 8: Deflection of Plane Frames;
Chapter 9: Suspending Cables;
Chapter 10: Three- Hinged Arches;
Chapter 11: Shear Stress In Beam;
Chapter 12: Masonry Dams And Retaining Walls;
Chapter 13: Columns;
Chapter 14: Torsion;
Chapter 15: Rivetted & Bolted Joints;
Chapter 16: Welded Joints;
Chapter 17: Principal Stresses (Mohr's Circle);
Chapter 18: Fixed End Beams

CIVIL & MECHANICAL ENGINEERING



TEXTBOOK OF GEOTECHNICAL ENGINEERING

A. I. Dhatrak, P. V. Kolhe

ISBN: 9789355386625

Pages: 260

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction

Chapter 2: Soil Phase System and its Relationships

Chapter 3: Soil Properties and its Determination

Chapter 4: Soil Classification System

Chapter 5: Soil Structure and Clay Mineralogy

Chapter 6: Compaction of Soils

Chapter 7: Permeability of Soils

Chapter 8: Seepage Analysis

Chapter 9: Stress Distribution in Soil Mass

Chapter 10: Shear Strength of Soil

Chapter 11: Compressibility and Consolidation of Soil

Chapter 12: Field Applications of Geotechnical Engg



TOTAL QUALITY MANAGEMENT AND RELIABILITY

AICTE RECOMMENDED

MP Poonia, S.C. Sharma

ISBN: 9789391505226

Pages: 456

Year: 2025

Language: English

CONTENTS:

PART-1 PRINCIPLES AND PRACTICES

Chapter 1: Quality Concept;

Chapter 2: Total Quality Management Concept (TQM Concept);

Chapter 3: Quality Planning;

Chapter 4: Organizing (Leadership) For Quality;

Chapter 5: Continuous Process Improvement;

Chapter 6: Customer Satisfaction;

Chapter 7: Supplier Partnership;

Chapter 8: Performance Measures;

Chapter 9: Quality Gurus (Pioneers) of Total Quality Philosophy

PART-2: TOOLS AND TECHNIQUES

Chapter 10: TQM Tools and Techniques -1;

Chapter 11: TQM Tools and Techniques -2;

Chapter 12: Fundamentals of Statistics;

Chapter 13: Acceptance Sampling and O.C Curves;

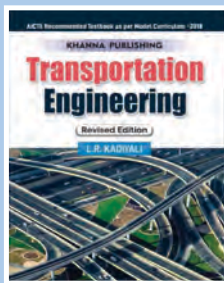
Chapter 14: Statistical Process Control and Control Charts;

Chapter 15: Process Capabilities;

Chapter 16: Reliability;

Chapter 17: Quality Management System

CIVIL & MECHANICAL ENGINEERING



TRANSPORTATION ENGINEERING

AICTE RECOMMENDED

L.R. Kadiyali

ISBN: 9789382609858

Pages: 408

Year: 2022

Language: English

CONTENTS:

SECTION-1: Transportation Systems and Planning

SECTION-2: Highway Engineering

SECTION-3: Railway Engineering

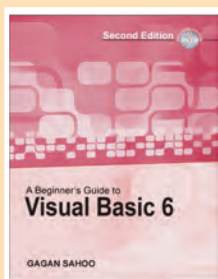
SECTION-4: Airport Engineering

SECTION-5: Continuous Flow Systems

SECTION-6: Water Transport

SECTION-7: Multi-Modal Transport

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



A BEGINNER'S GUIDE TO VISUAL BASIC 6

Gagan Sahoo

ISBN: 9789380016030

Pages: 724

Year: 2009

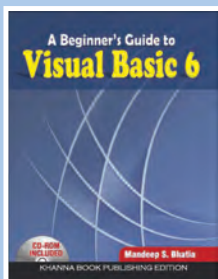
Edition: Second

Language: English

CONTENTS:

- Chapter 1:** Introduction;
- Chapter 2:** Integrated Development Environment in VB;
- Chapter 3:** Variables Constants and Data Types;
- Chapter 4:** Starting with VB Programming;
- Chapter 5:** Control Statements;
- Chapter 6:** Procedures and Functions;
- Chapter 7:** Arrays;
- Chapter 8:** Standard Library Functions;
- Chapter 9:** Typing Cast and Conversion Functions;
- Chapter 10:** Mathematical and Financial Functions;
- Chapter 11:** Fundamentals of Drawing Events;
- Chapter 12:** GUI Control Concepts;
- Chapter 13:** Advanced GUI Control Concepts;
- Chapter 14:** Working with the Mouse;
- Chapter 15:** Keyboard Events;
- Chapter 16:** Debugging and Error Handling
- Chapter 17:** Working with FSO and Sequential File Processing
- Chapter 18:** Random-Access File Processing
- Chapter 19:** Object Oriented Programming
- Chapter 20:** Working with ActiveX Controls
- Chapter 21:** Database Management System
- Chapter 22:** Internet and World Wide Web Classes
- Chapter 23:** Multimedia Animation and Audio Controls

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



A BEGINNER'S GUIDE TO VISUAL BASIC 6

Mandeep Singh Bhatia

ISBN: 9788187522485

Pages: 564

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to Visual Basic;

Chapter 2: Visual Basic Programming Fundamentals;

Chapter 3: Control Statements Decision Making Statements & Looping Statements;

Chapter 4: Procedures and Functions in Visual Basic;

Chapter 5: Working with Objects;

Chapter 6: Multiple-Document Interface (MDI) Applications;

Chapter 7: Dialog Boxes;

Chapter 8: Creating Menus;

Chapter 9: Creating Menus with application Wizard;

Chapter 9: Mouse and Keyboard Events;

Chapter 10: Error Handling and Debugging;

Chapter 11: Working with Files;

Chapter 12: Data Controls and Reporting;

Chapter 13: Active X Components;

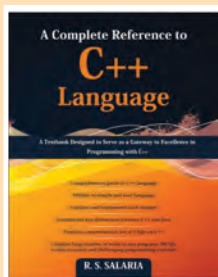
Chapter 14: Visual Basic Graphics: Visual Basic Coordinate System Current X; and Current Y Properties;

Chapter 15: Object Oriented Programming in Visual Basic;

Chapter 16: Internet Programming with Visual Basic;

Chapter 17: API Application Programmers Interface;

Chapter 18: Distributing Your Applications



A COMPLETE REFERENCE TO C++ LANGUAGE

R.S. Salaria

ISBN: 9789382609971

Pages: 774

Year: 2017

Language: English

CONTENTS:

Chapter 1: Overview of C++ Language;

Chapter 2: Data Types, Operators and Expressions;

Chapter 3: Standard Inputs/Outputs;

Chapter 4: Control Statements;

Chapter 5: Functions;

Chapter 7: Program Structure and Storage Classes;

Chapter 7: Arrays and Strings;

Chapter 8: Structures and Unions;

Chapter 9: Introduction to Object-Oriented Programming;

Chapter 10: Classes and Objects;

Chapter 11: Pointers and Dynamic Memory Management;

Chapter 12: Construction and Destructors

Chapter 13: Operator Overloading and Type Conversion

...

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



A MODERN APPROACH TO PROGRAMMING IN FORTRAN

R.S. Salaria

ISBN: 9788190698887

Pages: 396

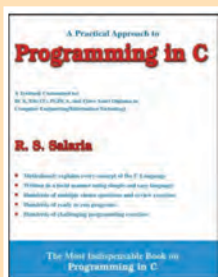
Year: 2021

Edition: Fourth

Language: English

CONTENTS:

Chapter 1: Introduction to Computers;
Chapter 2: Basic Programming;
Chapter 3: Overview of FORTRAN language;
Chapter 4: Data Types Operators & Expressions;
Chapter 5: Handling Keyboard Input & Screen Output;
Chapter 7: Writing Simple Programs;
Chapter 7: Control Flow Statements;
Chapter 8: Array
Chapter 9: Structures;
Chapter 10: Functions & Subroutines;
Chapter 11: Handling Data Files;
Chapter 12: Working with Graphics;
Chapter 13: Introduction to FORTRAN 90;
Chapter 14: Selected Programs for Numerical Methods;
Chapter 15: Selected Programs for Statistical Methods



A PRACTICAL APPROACH TO PROGRAMMING IN C

R.S. Salaria

ISBN: 9788190744867

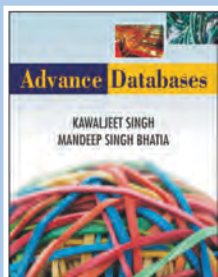
Pages: 328

Year: 2014

Language: English

CONTENTS:

Chapter 1: Algorithms and Program Development
Chapter 2: Overview of C Language
Chapter 3: Data Types Operators and Expressions
Chapter 4: Handling Keyboard Input and Screen Output;
Chapter 5: Control Statements
Chapter 6: Functions
Chapter 7: Arrays
Chapter 8: Pointers
Chapter 9: Structures and Unions
Chapter 10: String Processing
Chapter 11: Files



ADVANCE DATABASES

Mandeep Singh Bhatia

ISBN: 9788190675826

Pages: 360

Year: 2008

Language: English

CONTENTS:

Chapter 1: Rudiments of Databases
Chapter 2: Modelling Databases
Chapter 3: Normalization
Chapter 4: Relational Databases Concepts
Chapter 5: Database Security
Chapter 6: Essentials of SQL
Chapter 7: Transaction Processing
Chapter 8: Concurrency Control
Chapter 9: Backup and Recovery
Chapter 10: Overview of Advance Databases Concepts
Chapter 11: Data Warehousing
Chapter 12: Online Analytical Processing
Chapter 13: Data Mining

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



ADVANCED COMPUTER ORGANIZATION & ARCHITECTURE

Ikvinderpal Singh

ISBN: 9789355387011

Pages: 396

Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Introduction To Advanced Computer Architecture And Parallel Processing;
- Chapter 2:** Paradigms of Computing: Synchronous;
- Chapter 3:** Paradigms of Computing- Asynchronous MIMD;
- Chapter 4:** Abstract Parallel Computational Models;
- Chapter 5:** Parallelism in Uni-processor Systems;
- Chapter 6:** Parallel Computer Structures;
- Chapter 7:** Pipe lining;
- Chapter 8:** Principles of Designing Pipelines Processors;
- Chapter 9:** Super scalar and Super pipeline Design;
- Chapter 10:** Design Structures and Algorithms for Array Processors



ADVANCED DATA STRUCTURES

Ikvinderpal Singh,
Gurjeet Singh

ISBN: 9789381068793

Pages: 764

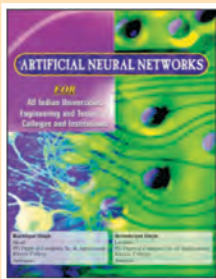
Year: 2013

Language: English

CONTENTS:

- Chapter 1:** Elementary Data Structures
- Chapter 2:** Review of Algorithm Analysis
- Chapter 3:** Trees
- Chapter 4:** Binary Search Trees
- Chapter 5:** Red Black Trees
- Chapter 6:** B Trees
- Chapter 7:** AVL Trees
- Chapter 8:** 2-3 Trees
- Chapter 9:** 2-3-4 Trees
- Chapter 10:** Heaps;
- Chapter 11:** Advanced Heap Structures
- Chapter 12:** Dictionaries
- Chapter 13:** Binomial Heaps
- Chapter 14:** Fibonacci Heaps
- Chapter 15:** Data Structures for Disjoint Sets And Tables
- Chapter 16:** Amortized Analysis
- Chapter 17:** String Processing
- Chapter 18:** Graphs
- Chapter 19:** Sorting And Searching Techniques
- Chapter 20:** External Data Structures
- Chapter 21:** External Hashing
- Chapter 22:** Dynamic Storage Management

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



ARTIFICIAL NEURAL NETWORKS

Rachhpal Singh,
Ikvinderpal Singh

ISBN: 9789380016207

Pages: 284

Year: 2009

Language: English

CONTENTS:

Chapter 1: Fundamentals of Neural Networks

Chapter 2: Perceptrons

Chapter 3: Backpropagation

Chapter 4: Adaline and Madaline

Chapter 5: Supervised and Unsupervised Learning;

Chapter 6: Counter-propagation Network

Chapter 7: Adaptive Resonance Theory

Chapter 8: Neocognitron

Chapter 9: Bidirectional Associative Memory

Chapter 10: Case Studies



ADVANCED OBJECTED ORIENTED PROGRAMMING USING C++

R.S. Salaria

ISBN: 9788190744485

Pages: 524

Year: 2014

Language: English

CONTENTS:

Chapter 1: Migrating from C to C++

Chapter 2: Object-Oriented Programming Concepts

Chapter 3: Handling Keyboard Input & Screen Output

Chapter 4: Classes and Objects

Chapter 5: Pointers and Dynamic Memory Management

Chapter 6: Constructors and Destructors

Chapter 7: Operator 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

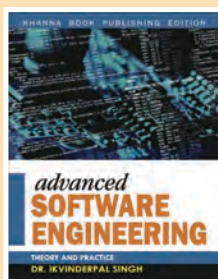
Chapter 13: Working with Graphics Using C++

Chapter 14: Introduction to Standard Template Library

Chapter 15: Object-Oriented Implementation of Data Structures

Chapter 16: Object-Oriented Implementation of Sorting and Searching Algorithms

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



ADVANCED SOFTWARE ENGINEERING

Ikvinderpal Singh

ISBN: 9789382609230

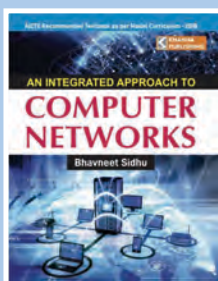
Pages: 592

Year: 2014

Language: English

CONTENTS:

- Chapter 1:** Introduction To Software Engineering
- Chapter 2:** Software Development Process
- Chapter 3:** Software Project Management
- Chapter 4:** Risk Analysis & Management
- Chapter 5:** Software Configuration Management
- Chapter 6:** Software Quality
- Chapter 7:** Software Reliability
- Chapter 8:** Software Economics
- Chapter 9:** Software Re engineering
- Chapter 10:** Software Re engineering Process
- Chapter 11:** Software Reuse
- Chapter 12:** Object Oriented Metrics
- Chapter 13:** Object Oriented Analysis & Design
- Chapter 14:** Element of an Object-Oriented Model
- Chapter 15:** Software Agents;
- Chapter 16:** Application Of Software Agents



AN INTEGRATED APPROACH TO COMPUTER NETWORKS

AICTE RECOMMENDED

Bhavneet Sidhu

ISBN: 9788187325727

Pages: 584

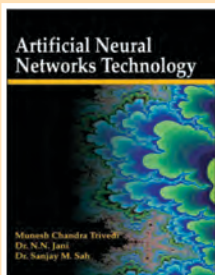
Year: 2021

Language: English

CONTENTS:

- Chapter 1:** Introduction to Computer Networks
- Chapter 2:** Network Topologies
- Chapter 3:** Reference Models-OSI and TCP/IP
- Chapter 4:** Transmission Media
- Chapter 5:** Electromagnetic Signals and Modulation
- Chapter 6:** Switching Principles
- Chapter 7:** Multiplexing Techniques;
- Chapter 8:** Telephone System and ISDN Services
- Chapter 9:** Data Link Layer
- Chapter 10:** Multiple Access Protocols
- Chapter 11:** Introduction to LAN and MAN Protocols
- Chapter 12:** Network Layer
- Chapter 13:** Internetworking Devices
- Chapter 14:** Transport Layer
- Chapter 15:** Session and Presentation Layer
- Chapter 16:** Application Layer
- Chapter 17:** Network Security
- Chapter 18:** Some Network Standards

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



ARTIFICIAL NEURAL NETWORKS TECHNOLOGY

Munesh Chandra Trivedi

ISBN: 9788190744850

Pages: 362

Year: 2021

Language: English

CONTENTS:

- Chapter 1:** Introduction and Purpose
- Chapter 2:** What is Artificial Neural Networks
- Chapter 3:** Application of Artificial Neural Network Classification
- Chapter 4:** Supervised Learning
- Chapter 5:** Unsupervised Learning
- Chapter 6:** Models of Artificial Neural Network
- Chapter 7:** Network Selection
- Chapter 8:** How Artificial Neural Networks Are Being Used
- Chapter 9:** Emerging Technologies
- Chapter 10:** Software Architecture
- Chapter 11:** Network-based Application Architecture
- Chapter 12:** Network-based Architectural Styles;
- Chapter 13:** Designing the Web Architecture: Problems and Insights
- Chapter 14:** Representational State Transfer (REST)
- Chapter 15:** Experience and Evaluation



BEGINNER'S GUIDE TO C# 2005 WITH .NET 3.0

Gagan B. Sahoo

ISBN: 9788190611688

Pages: 600

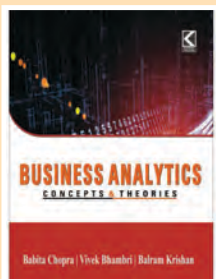
Year: 2007

Language: English

CONTENTS:

- Chapter 1:** Net Framework
- Chapter 2:** C# Basics
- Chapter 3:** Variables and Data Types
- Chapter 4:** Operators Operands and Expressions
- Chapter 5:** Data Reading and Formatting
- Chapter 6:** Branching and Looping
- Chapter 7:** Arrays
- Chapter 8:** String Handling
- Chapter 9:** Methods in C#
- Chapter 10:** Structure and Enumeration
- Chapter 11:** Object- Oriented Programming
- Chapter 12:** Classes and Objects
- Chapter 13:** Inheritances and Polymorphism
- Chapter 14:** Interfaces and properties
- Chapter 15:** Delegates and Events
- Chapter 16:** Exception Handling
- Chapter 17:** Operator Overloading
- Chapter 18:** File handling in C#

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



BUSINESS ANALYTICS

AICTE RECOMMENDED

**Babita Chopra,
Vivek Bhambri and Balram
Krishan**

ISBN: 9789382609520

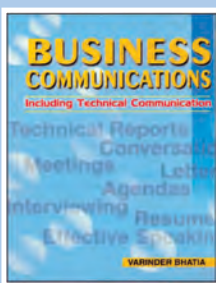
Pages: 220

Year: 2014

Language: English

CONTENTS:

- Chapter 1:** Introduction To Business Intelligence
- Chapter 2:** Introduction To Business Analytic
- Chapter 3:** Introduction To Data Warehousing
- Chapter 4:** Data Modeling Concepts And Techniques
- Chapter 5:** Data Mining
- Chapter 6:** Techniques Of Data Mining
- Chapter 7:** Application Areas Of Data Mining
- Chapter 8:** Concepts Of Master Data Management
- Chapter 9:** Delivering Bi With Microsoft Sql Server 2012



BUSINESS COMMUNICATIONS

Varinder Bhatia

ISBN: 9788187522676

Pages: 450

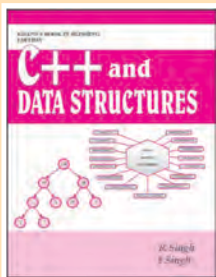
Year: 2013

Language: English

CONTENTS:

- Chapter 1:** Introduction
- Chapter 2:** Business Communication and Technology
- Chapter 3:** Listening Skills
- Chapter 4:** Resume Writing
- Chapter 5:** Memo Writing;
- Chapter 6:** Telephonic Communication Skills
- Chapter 7:** Intercultural Communication
- Chapter 8:** Note Taking
- Chapter 9:** Writing Skills
- Chapter 10:** Reading Skills;
- Chapter 11:** Punctuation
- Chapter 12:** Oral Presentation
- Chapter 13:** Public Speaking
- Chapter 14:** Dictation Skills;
- Chapter 15:** Meetings and Conferences
- Chapter 16:** Press Release
- Chapter 17:** Technical Report Writing
- Chapter 18:** Business Report Writing
- Chapter 19:** Summarizing and Paraphrasing
- Chapter 20:** Business Letter Writing
- Chapter 21:** Interviews
- Chapter 22:** Notices Agenda and Minutes

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



C++ AND DATA STRUCTURES

AICTE RECOMMENDED

Ikvinderpal Singh

ISBN: 9789380016795

Pages: 1286

Year: 2010

Language: English

CONTENTS:

Chapter 1: Getting Started With C++
Chapter 2: C++ Programming Basics
Chapter 3: Control Statements
Chapter 4: Arrays and Strings
Chapter 5: Functions
Chapter 6: Pointers
Chapter 7: Structures and Unions
Chapter 8: Classes
Chapter 9: More About Classes
Chapter 10: Operator Overloading
Chapter 11: Inheritance
Chapter 12: Polymorphism and Virtual Function
Chapter 13: Exploring Special Functions
Chapter 14: Introduction to Data Structures
Chapter 15: String Processing;
Chapter 16: Algorithm Design and Complexity
Chapter 17: Arrays, Pointers and Records
Chapter 18: Linked Lists
Chapter 19: Stacks;
Chapter 20: Queues
Chapter 21: Sorting and Searching Techniques



C++ PROGRAM DESIGN

G.S. Baluja

ISBN: 9788187522126

Pages: 706

Year: 2015

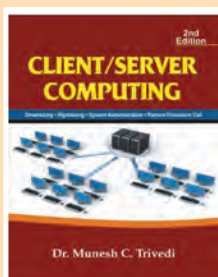
Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction to Computer Languages and C++ Programming
Chapter 2: Fundamentals of C++
Chapter 3: Input and Output
Chapter 4: Control Structures
Chapter 5: Functions
Chapter 6: Array
Chapter 7: Pointers
Chapter 8: Structures and Unions
Chapter 9: Object Oriented Programming-Part I
Chapter 10: Object Oriented Programming-Part II
Chapter 11: Inheritance;
Chapter 12: Virtual Functions and Polymorphism
Chapter 13: Function and Operator Overloading
Chapter 14: Templates and Exception Handling
Chapter 15: File Handling
Chapter 16: Graphics In C++
Chapter 17: Data Structure in C++

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



CLIENT/ SERVER COMPUTING

Munesh Chandra Trivedi

ISBN: 9789380016603

Pages: 268

Year: 2014

Edition: Second

Language: English

CONTENTS:

Chapter 1: Client/Server Computing

Chapter 2: Components of Client/Server Application

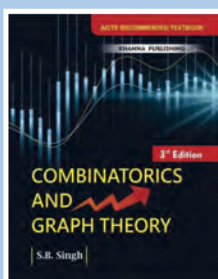
Chapter 3: Client/Server System Development

Chapter 4: Client/Server System Development Software

Chapter 5: Network Interfaces

Chapter 6: Client/Server Systems Development

Chapter 7: Client/Server Training Concepts



COMBINATORICS AND GRAPH THEORY

AICTE RECOMMENDED

S.B. Singh

ISBN: 9788190645102

Pages: 480

Year: 2022

Edition: Third

Language: English

CONTENTS:

Chapter 1: Combinatorics;

Chapter 2: Graph Theory

Chapter 3: Trees;

Chapter 4: Planar Graph

Chapter 5: Matrix Representation of Graphs;

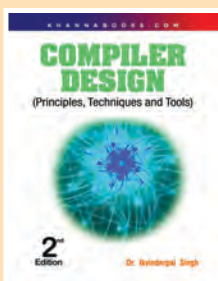
Chapter 6: Colourings

Chapter 7: Directed Graph

Chapter 8: Enumeration

Chapter 9: Application of Graph in Computer Science

Chapter 10: Miscellaneous Examples



COMPILER DESIGN

Ikvinderpal Singh

ISBN: 9789355382603

Pages: 292

Year: 2024

Edition: Second

Language: English

CONTENTS:

Chapter 1: Basics Of Compilers;

Chapter 2: Lexical Analysis

Chapter 3: Syntax Analysis

Chapter 4: Symbol Table Handling

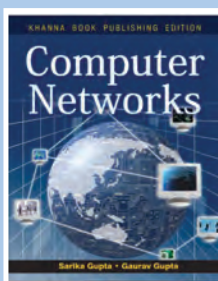
Chapter 5: Storage Management

Chapter 6: Intermediate Code Generation

Chapter 7: Code Generation

Chapter 8: Code Optimization

Chapter 9: Types Of Compilers



COMPUTER NETWORKS

Gaurav Gupta, Sarika Gupta

ISBN: 9789381068250

Pages: 518

Year: 2012

Language: English

CONTENTS:

Chapter 1: Introduction to Networks

Chapter 2: Physical Layer and Transmission Media

Chapter 3: Data Link Layer;

Chapter 4: Multiple Access Control Sublayer

Chapter 5: Introduction of Network Layers

Chapter 6: Introduction of Network Layers

Chapter 7: Transport Layer

Chapter 8: Cryptography

Chapter 9: Application Layer

Chapter 10: World Wide Web (WWW)

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



COMPUTER CONCEPTS AND PROGRAMMING IN C

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789386173782

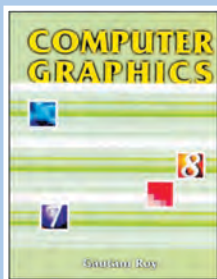
Pages: 504

Year: 2024

Language: English

CONTENTS:

Chapter 1. Introduction to Computers
Chapter 2. Hardware Concepts
Chapter 3. Software Concepts
Chapter 4. Program Solving and Program Planning
Chapter 5. Overview of C Language
Chapter 6. Built-in Data Type
Chapter 7. Operators and Expressions
Chapter 8. Standard Input/Output
Chapter 9. Decision Making and Branching
Chapter 10. Decision Making and Looping
Chapter 11. User-Defined Function
Chapter 12. Arrays and Strings
Chapter 13. Implementation of Basic Algorithms
Chapter 14. Structures
Chapter 15. Pointers and Dynamic Memory Algorithms
Chapter 16. File Handling



COMPUTER GRAPHICS

Gautam Roy

ISBN: 9788187325413

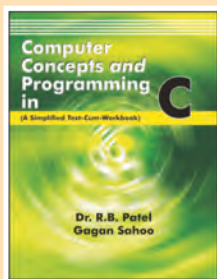
Pages: 452

Year: 2015

Language: English

CONTENTS:

Chapter 1: Introduction to Computer Graphics
Chapter 2: Elementary Drawing Algorithms
Chapter 3: Transformation
Chapter 4: Three Dimensional Graphics System
Chapter 5: Graphics Application Area
Chapter 6: Programming Examples



COMPUTER CONCEPTS AND PROGRAMMING IN C

R.B. Patel, Gagan Sahoo

ISBN: 9788190744805

Pages: 552

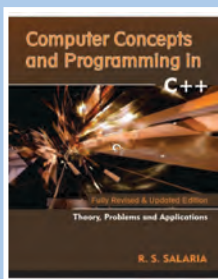
Year: 2009

Language: English

CONTENTS:

Chapter 1: Computer Concepts
Chapter 2: Operating System Concepts
Chapter 3: Number Systems
Chapter 4: Programming Algorithms
Chapter 5: Overview of C Language
Chapter 6: Operators and expressions
Chapter 7: Conditional Program Execution
Chapter 8: Program loops and iteration
Chapter 9: Characters I/O Functions
Chapter 10: Arrays and Strings
Chapter 11: C Standard Library Function
Chapter 12: User defined functions
Chapter 13: Structures
Chapter 14: Pointers
Chapter 15: Linked lists and stacks
Chapter 16: C processor derivatives
Chapter 17: File operations in C

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



COMPUTER CONCEPTS AND PROGRAMMING IN C++

R.S. Salaria

ISBN: 9789382609902

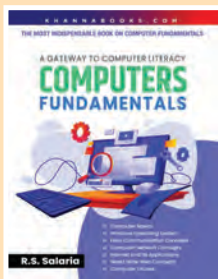
Pages: 656

Year: 2016

Language: English

CONTENTS:

Chapter 1: Introduction to Computers
Chapter 2: Computer as a System
Chapter 3: Input/Output Devices;
Chapter 4: Memories and Storage Devices
Chapter 5: Introduction to Operating Systems
Chapter 6: Working With Microsoft Word
Chapter 7: Working With Microsoft Excel
Chapter 8: Working With Microsoft PowerPoint
Chapter 9: Internet and Its Applications
Chapter 10: Problem Solving and Program Planning
Chapter 11: Overview of C++ Language
Chapter 12: Data Types, Operators and Expressions
Chapter 13: Handling Input/Output
Chapter 14: Control Statements
Chapter 15: Functions;
Chapter 16: Arrays and Strings
Chapter 17: Introduction to OOPS Concept
Chapter 18: Working with Classes and Objects
Chapter 19: Basis of File Handling



COMPUTER FUNDAMENTALS

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789381068533

Pages: 488

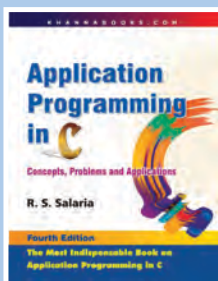
Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction to Computers
Chapter 2: Computer as a System
Chapter 3: Input/Output Devices
Chapter 4: Memories & Storage Devices
Chapter 5: Number Systems & Binary Codes
Chapter 6: Computer Arithmetic
Chapter 7: Boolean Algebra & Logic Circuits
Chapter 8: Computer Software
Chapter 9: Program Planning & Design
Chapter 10: Programming Languages
Chapter 11: Operating Systems
Chapter 12: Data Communications
Chapter 13: Computer Networks
Chapter 14: Internet
Chapter 15: World Wide Web (WWW)
Chapter 16: Computer Viruses

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



APPLICATION PROGRAMMING IN C,

R. S. Salaria

ISBN: 9789381068427

Pages: 576

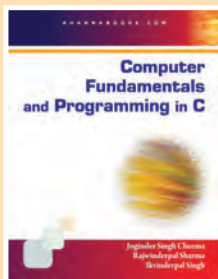
Year: 2015

Edition: Fourth

Language: English

CONTENTS:

- Chapter 1: Basics of Programming
- Chapter 2: Overview of C Language
- Chapter 3: Data types Operators & Expressions
- Chapter 4: Handling Keyboard Input & Screen Output
- Chapter 5: Control Statements
- Chapter 6: Functions
- Chapter 7: Program Structure & Storage Classes
- Chapter 8: Array Processing
- Chapter 9: String Processing
- Chapter 10: Structures & Unions
- Chapter 11: More About Data Types & Bitwise Operators
- Chapter 12: Pointers & Dynamic Memory Management
- Chapter 13: Managing Data Files
- Chapter 14: Working With Graphics Using Turbo C
- Chapter 15: Sorting, Searching & Merging



COMPUTER FUNDAMENTALS & PROGRAMMING IN C

Joginder Singh Cheena,
Rajwinderpal Sharma
Ikvinderpal Singh

ISBN: 9789381068380

Pages: 442

Year: 2011

Language: English

CONTENTS:

- Chapter 1: Introduction to Computer
- Chapter 2: Basic Computer Organization
- Chapter 3: Number System, Logic Gates and Boolean Algebra;
- Chapter 4: Computer Arithmetic and Codes
- Chapter 5: Computer Languages
- Chapter 6: Primary Storage & Secondary Storage
- Chapter 7: Input & Output Devices
- Chapter 8: Planning The Computer Program
- Chapter 9: Computer Software
- Chapter 10: Operating Systems
- UNIT 2
- Chapter 1: Getting started with C
- Chapter 2: Operators and Expressions
- Chapter 3: Console Input and Output Statements
- Chapter 4: Control Statements
- Chapter 5: Arrays
- Chapter 6: Strings
- Chapter 7: Functions
- Chapter 8: Storage Classes
- Chapter 9: Pointers
- Chapter 10: Structures and Unions;
- Chapter 11: C Preprocessor and Character Test Functions

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



COMPUTER GRAPHICS

Rishabh Anand

ISBN: 9789381068960

Pages: 488

Year: 2013

Language: English

CONTENTS:

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, Colour & Shading
Chapter 10: Curves & Fractals
Chapter 11: Interactive Graphics
Chapter 12: Graphical User Interface
Chapter 13: Graphics Kernel System
Chapter 14: Animation



COMPUTER ORGANIZATION AND ARCHITECTURE

Ikvinderpal Singh

ISBN: 9789355383457

Pages: 778

Edition: Second

Year: 2023

Language: English

CONTENTS:

Chapter 1: Overview of Computer Organization
Chapter 2: Digital Logic Basics
Chapter 3: Combinational Circuits
Chapter 4: Sequential Circuits
Chapter 5: Number System and Codes
Chapter 6: Register Transfer Language
Chapter 7: Computer Organization and design
Chapter 8: Assembly Language
Chapter 8: Control Unit
Chapter 9: Central Processing Unit
Chapter 10: Central Processing Unit
Chapter 11: Pipeline and Vector Processing
Chapter 12: Input-Output Organization
Chapter 13: Memory System Design
Chapter 14: Introduction to Multiprocessors



COMPUTER SCIENCE AND APPLICATIONS

R.S. Salaria

ISBN: 9789382609889

Pages: 496

Year: 2016

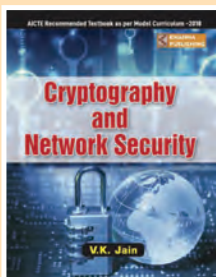
Language: English

CONTENTS:

Chapter 1: Introduction to Computers
Chapter 2: Computer as a System
Chapter 3: Input/Output Devices
Chapter 4: Memories and Storage Devices
Chapter 5: Number Systems and Binary Arithmetic
Chapter 6: Operating Systems
Chapter 7: Computer Network;
Chapter 8: Computer Programming
Chapter 9: Getting Started With C
Chapter 10: Fundamental Data Types in C
Chapter 11: Operators and Expressions in C
Chapter 12: Standard Input/Output in C
Chapter 13: Decision Making Statements in C
Chapter 14: Looping Statements in C
Chapter 15: Arrays in C

...

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



CRYPTOGRAPHY AND NETWORK SECURITY

AICTE RECOMMENDED

V.K. Jain

ISBN: 9789380016801

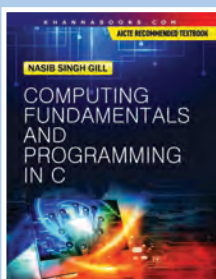
Pages: 604

Year: 2023

Language: English

CONTENTS:

Chapter 1: Introduction to Cryptography and Network Security;
Chapter 2: Basic Concepts in Data Encryption;
Chapter 3: Model Block Cipher;
Chapter 4: Groups, Ring and Field;
Chapter 5: Public Key Cryptosystem and RSA;
Chapter 6: Authentication;
Chapter 7: Digital Signatures;
Chapter 8: Authentication Application;
Chapter 9: IP Security;
Chapter 10: Web Security;
Chapter 11: System Security



COMPUTING FUNDAMENTALS AND PROGRAMMING IN C

AICTE RECOMMENDED

Nasib Singh Gill

ISBN: 9789381068502

Pages: 856

Year: 2023

Language: English

CONTENTS:

Chapter 1: History of Computing;
Chapter 2: Basic Elements of Computers and Applications;
Chapter 3: Number Systems and Data Representation;
Chapter 4: Computer Codes;
Chapter 5: Input and Output Devices;
CHAPTER 6: COMPUTER MEMORY AND SECONDARY STORAGE;
Chapter 7: Data Communication, Computer Networks and Internet;
Chapter 8: Basic Concepts of Software and Its Types;
Chapter 9: Evolution of Programming Languages and Program Development;
Chapter 10: Overview of C Language;
Chapter 11: Variables, Constants and Data Types;
Chapter 12: Operator Types in C and Expressions;
Chapter 13: Decision Making Iterative and Control Constructs In C;
Chapter 14: User Defined Functions;
Chapter 15: Arrays Overview and Its Types;
Chapter 16: Pointers and Applications;
Chapter 17: Structures and Union;
Chapter 18: File Management in C

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



CORE JAVA

Tanweer Alam

ISBN: 9789382609100

Pages: 592

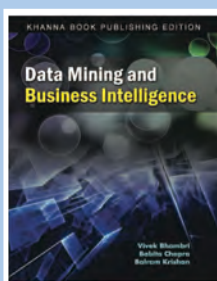
Year: 2017

Edition: Third

Language: English

CONTENTS:

Chapter 1: Introduction to Java;
Chapter 2: Java Fundamentals;
Chapter 3: Control Flow;
Chapter 4: Object Oriented Programming;
Chapter 5: Packages and Interfaces;
Chapter 6: Exception Handling;
Chapter 7: Multithreading;
Chapter 8: File Handling;
Chapter 9: String Handling;
Chapter 10: Applet Programming;
Chapter 11: Socket Programming;
Chapter 12: Abstract Window Toolkit;
Chapter 13: Event Handling;
Chapter 14: Graphics Programming;
Chapter 15: Swing in Java;
Chapter 16: JDBC;
Chapter 17: Core Java Lab Manual



DATA MINING AND BUSINESS INTELLIGENCE

Vivek Bhambri,
 Babita Chopra and
 Balram Krishan

ISBN: 9789382609278

Pages: 336

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction to Data Warehousing
Chapter 2: Data Warehouse Modeling
Chapter 3: Building a Data Warehouse
Chapter 4: Data Warehouse Architecture
Chapter 5: Data Mining
Chapter 6: Association Rules Mining
Chapter 7: Classification
Chapter 8: Prediction Techniques
Chapter 9: Clustering Technique
Chapter 10: Application Areas of Data Mining
Chapter 11: Introduction to Business Intelligence
Chapter 12: Concepts of Data Management & Enterprise Reporting



DATA MINING & WAREHOUSING

AICTE RECOMMENDED

Iqbalinderpal Singh

ISBN: 9789355387028

Pages: 342

Year: 2024

Edition: Second

Language: English

CONTENTS:

Chapter 1: Data Warehousing
Chapter 2: Multidimensional Data Model
Chapter 3: Data Warehousing Architecture
Chapter 4: Online Analytical Processing;
Chapter 5: Data Warehouse Implementation;
Chapter 6: Data Warehouse Back-End tools And Utilities
Chapter 7: Data Mining
Chapter 8: Applications and Trends in Data Mining

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DATA STRUCTURES

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789386173966

Pages: 504

Year: 2021

Edition: Third

Language: English

CONTENTS:

Chapter 1: Introduction to Data Structures;
Chapter 2: Introduction to Algorithms;
Chapter 3: Arrays;
Chapter 4: Linked Lists;
Chapter 5: Stacks;
Chapter 6: Queues;
Chapter 7: Trees;
Chapter 8: Heaps;
Chapter 9: Graphs;
Chapter 10: Hashing and Hash Tables;
Chapter 11: Sorting Algorithms



DATA STRUCTURES

R.S. Salaria

ISBN: 9789381068328

Pages: 338

Year: 2011

Language: English

CONTENTS:

Chapter 1: Introduction To Data Structures
Chapter 2: Introduction To Algorithms
Chapter 3: Arrays
Chapter 4: Linked Lists
Chapter 5: Stacks
Chapter 6: Queues
Chapter 7: Trees
Chapter 8: Sorting And Searching



DATA STRUCTURES AND ALGORITHMS

Munesh Chandra Trivedi

ISBN: 9789355385185

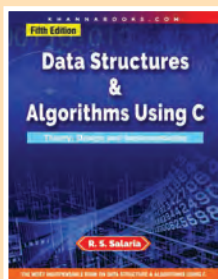
Pages: 550

Year: 2025

Language: English

CONTENTS:

Chapter 1: Sorting
Chapter 2: Searching & Hashing
Chapter 3: Linked list
Chapter 4: Stack
Chapter 5: Queue
Chapter 6: Graphs
Chapter 7: Tree and tries



DATA STRUCTURES & ALGORITHMS USING C

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789381068588

Pages: 552

Year: 2022

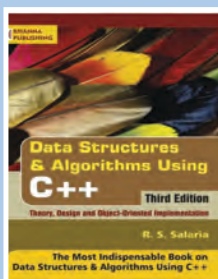
Edition: Fifth

Language: English

CONTENTS:

Chapter 1: Essentials of C Language
Chapter 2: Overview of Data Structures
Chapter 3: Program Design and Development
Chapter 4: Arrays & Matrices
Chapter 5: Strings
Chapter 6: Linked Lists
Chapter 7: Stacks
Chapter 8: Quacks
Chapter 9: Trees
Chapter 10: Heaps
Chapter 11: Graphs
Chapter 12: Hash Tables and Hashing
Chapter 13: Sorting, Searching & Merging
Chapter 14: Files

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DATA STRUCTURES & ALGORITHMS USING C++

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789381068595

Pages: 616

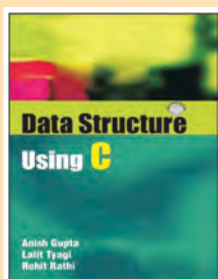
Year: 2021

Edition: Third

Language: English

CONTENTS:

Chapter 1: Review of Object-Oriented Programming Concepts
Chapter 2: Essentials of C++ Language
Chapter 3: Overview of Data Structures
Chapter 4: Program Design & Development
Chapter 5: Arrays & Matrices
Chapter 6: Linked Lists
Chapter 7: Stacks
Chapter 8: Queues
Chapter 9: Trees
Chapter 10: Heaps
Chapter 11: Graphs
Chapter 12: Hash Tables & Hashing
Chapter 13: Sorting, Searching and Merging
Chapter 14: Files



DATA STRUCTURES USING C

Anish Gupta

ISBN: 9789380016047

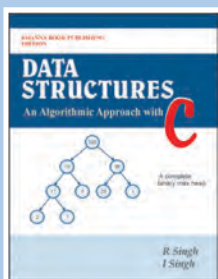
Pages: 304

Year: 2015

Language: English

CONTENTS:

Chapter 1: Basic Terminology
Chapter 2: Stacks
Chapter 3: Recursion
Chapter 4: Queues
Chapter 5: Linked List
Chapter 6: Trees
Chapter 7: Searching & Hashing
Chapter 8: Sorting
Chapter 9: Graphs
Chapter 10: Files



DATA STRUCTURES AN ALGORITHMIC APPROACH WITH C

R. Singh, I. Singh

ISBN: 9789380016696

Pages: 960

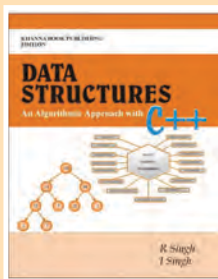
Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction to C Language
Chapter 2: Introduction to Data Structures and String Processing
Chapter 3: Algorithm Design and Complexity
Chapter 4: Arrays, Pointers and Records
Chapter 5: Linked Lists
Chapter 6: Stacks
Chapter 7: Queues
Chapter 8: Trees
Chapter 9: Search Trees
Chapter 10: Heaps
Chapter 11: Graphs
Chapter 12: Sorting and Searching Techniques
Chapter 13: Hashing
Chapter 14: File and Storage Management

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DATA STRUCTURES AN ALGORITHMIC APPROACH WITH C++

R. Singh, I. Singh

ISBN: 9789380016856

Pages: 942

Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction to C++ Language

Chapter 2: Introduction to Data Structures and String Processing

Chapter 3: Algorithm Design and Complexity

Chapter 4: Arrays, Pointers and Records

Chapter 5: Linked Lists

Chapter 6: Stacks

Chapter 7: Queues

Chapter 8: Trees

Chapter 9: Search Trees

Chapter 10: Heaps

Chapter 11: Graphs

Chapter 12: Sorting and Searching Techniques

Chapter 13: Hashing

Chapter 14: File and Storage Management



DATABASE MANAGEMENT SYSTEM

AICTE RECOMMENDED

**R.P. Mahapatra,
Govind Verma**

ISBN: 9789382609148

Pages: 552

Year: 2020

Language: English

CONTENTS:

Chapter 1: Introduction

Chapter 2: Data Base Design and data Modeling

Chapter 3: Data Base Query Languages

Chapter 4: Database Storage & File Structure

Chapter 5: Database Implementation

Chapter 6: Type Of Databases

Chapter 7: Database Application



DATABASE MANAGEMENT SYSTEMS

Munesh Chandra Trivedi

ISBN: 9789355387844

Pages: 150

Year: 2025

Language: English

CONTENTS:

Chapter 1: Data and Information

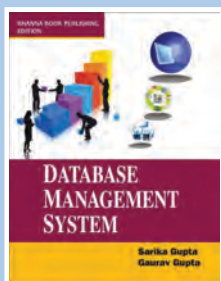
Chapter 2: Er Model

Chapter 3: Introduction to Relational Model

Chapter 4: Functional Dependency

Chapter 5: Normalization

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DATABASE MANAGEMENT SYSTEMS

Gaurav Gupta, Sarika Gupta

ISBN: 9789381068267

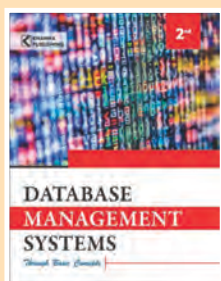
Pages: 500

Year: 2012

Language: English

CONTENTS:

Chapter 1: Introduction to Basics of Database Management System;
Chapter 2: Data Modeling Using the E-R Model;
Chapter 3: Relational Data Model and Language;
Chapter 4: Introduction to SQL;
Chapter 5: Data Base Design and Normalization;
Chapter 6: Transaction Management and Processing Concepts;
Chapter 7: Serializability;
Chapter 8: Concurrency Control Techniques;
Chapter 9: Distributed Database Concepts



DATABASE MANAGEMENT SYSTEMS

Dalwinder Singh Salaria

ISBN: 9789382609766

Pages: 360

Year: 2017

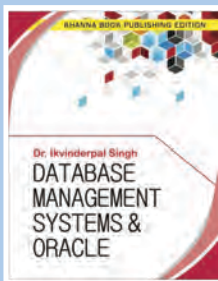
Edition: Second

Language: English

CONTENTS:

Chapter 1: Instrumentation Fundamental;
Chapter 2: Pressure Measurements;
Chapter 3: Temperature Measurements;
Chapter 4: Flow Measurements;
Chapter 5: Level Measurements;
Chapter 6: Laplace Transform;
Chapter 7: Basic Concept of Process Control and First Order System;
Chapter 8: First Order System in Series;
Chapter 9: Second Order System;
Chapter 10: Industrial Bio-processes;
Chapter 11: Controllers and Final Control Elements;
Chapter 12: Block Diagram and Transient Response of Closed Loop Control System;
Chapter 13: Stability;
Chapter 14: Advanced Control Techniques;
Chapter 15: Control Structure of Unit Operations;

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DATABASE MANAGEMENT SYSTEMS & ORACLE

Ikvinderpal Singh

ISBN: 9789382609292

Pages: 864

Year: 2014

Language: English

CONTENTS:

Chapter 1: Database Concepts

Chapter 2: Data Models

Chapter 3: Entity Relationship Model

Chapter 4: Relational Database Model

Chapter 5: Relational Algebra And Calculus

Chapter 6: Normalization

Chapter 7: Transaction Processing

Chapter 8: Concurrency Control

Chapter 9: Database Recovery

Chapter 10: Database Security And Integrity

Chapter 11: Distributed Databases

Chapter 12: Oodbms and Kbms

UNIT-I

Chapter 1: Introduction To Oracle

Chapter 2: Introduction To Sql

Chapter 3: More On Sql

Chapter 4: Sql Performance Tuning

UNIT-2

Chapter 1: Introduction To Pl/Sql

Chapter 2: Pl/Sql Datatypes

Chapter 3: Pl/Sql Control Statements

Chapter 4: Pl/Sql Transactions and
Concurrency Control

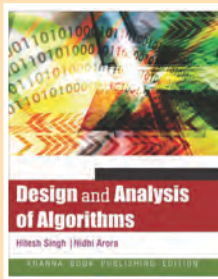
Chapter 5: Pl/Sql Cursors

Chapter 6: Pl/Sql Subprograms

Chapter 7: Pl/Sql Database Triggers

Chapter 8: Handling Pl/Sql Errors

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DESIGN & ANALYSIS OF ALGORITHMS

Hitesh Singh, Nidhi Arora

ISBN: 9789381068816

Pages: 416

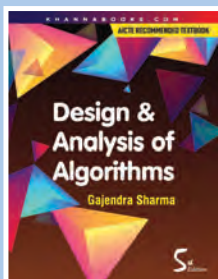
Year: 2013

Language: English

CONTENTS:

Chapter 1: Algorithm
Chapter 2: Analyzing & Design of Algorithm
Chapter 3: Asymptotic Growth of Function
Chapter 4: Recursion
Chapter 5: Hashing
Chapter 6: Quick sort
Chapter 7: Heap Sort;
Chapter 8: Sorting In Linear Time
Chapter 9: Randomized Algorithm
Chapter 10: Elementary Data Structures
Chapter 11: Introduction to Tree
Chapter 12: Red-Black Tree
Chapter 13: AVL Tree
Chapter 14: B-Tree
Chapter 15: Binomial Tree
Chapter 16: Graph
Chapter 17: Graph Traversal
Chapter 18: Directed Acyclic Graphs
Chapter 19: Undirected Graphs
Chapter 20: Dynamic Programming
Chapter 21: Greedy Algorithm
Chapter 22: String Matching;
Chapter 23: Disjoint-Set Data Structures;
Chapter 24: Sorting Network
Chapter 25: Maximum Flow
Chapter 26: Amortized Analysis
Chapter 27: Approximate Algorithms
Chapter 28: NP-Completeness
Chapter 29: Matrix Operation
Chapter 30: Backtracking

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DESIGN & ANALYSIS OF ALGORITHMS

AICTE RECOMMENDED

Gajendra Sharma

ISBN: 9789382609438

Pages: 640

Year: 2023

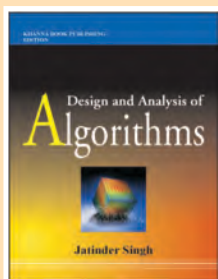
Edition: Fifth

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Growth of Functions;
Chapter 3: Summations;
Chapter 4: Recurrences;
Chapter 5: Sets Relations and Functions;
Chapter 6: Probability;
Chapter 7: Heaps and Heapsort ;
Chapter 8: Quicksort;
Chapter 9: Sorting in Linear Time;
Chapter 10: Medians and Order Statistics;
Chapter 11: Elementary Data Structures;
Chapter 12: Hashing;
Chapter 13: BS Trees;
Chapter 14: Optimal Binary Search Trees;
Chapter 15: AVL Trees And Splaying;
Chapter 16: RB-Trees;
Chapter 17: Augmenting Data Structure;
Chapter 18: Dynamic Programming;
Chapter 19: Greedy Algorithms;
Chapter 20: Amortized Analysis;
Chapter 21: B. Trees-External Searching;
Chapter 22: Binomial Trees and Binomial Heaps;
Chapter 23: Fibonacci Heaps;
Chapter 24: Data Structure for Disjoint Sets;
Chapter 25: Elementary Graph Algorithms;
Chapter 26: Back Tracking;
Chapter 27: Branch and Bound;
Chapter 28: Minimum Spanning Tree;
Chapter 29: Single-Source Shortest Paths;
Chapter 30: All Pair Shortest Paths;
Chapter 31: Network Flow;
Chapter 32: Sorting Networks;
Chapter 33: Arithmetic Circuits;
Chapter 34: Algorithms for Parallel Computers;
Chapter 35: Matrix Operation;
Chapter 36: Polynomials and FFT;
Chapter 37: Number-Theoretic Algorithms;
Chapter 38: String Matching;
Chapter 39: Computational Geometry;
Chapter 40: NP-Completeness;
Chapter 41: Non-Deterministic Algorithms;
Chapter 42: Approximation Algorithms;
Chapter 43: Program

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DESIGN & ANALYSIS OF ALGORITHMS

Jatinder Singh

ISBN: 9789380016719

Pages: 369

Year: 2011

Language: English

CONTENTS:

UNIT - 1

Chapter 1: Data Structure Basics;

Chapter 2: Analysis of Algorithms;

Chapter 3: Growth of Functions;

Chapter 4: Sorting Algorithms

UNIT - 2

Chapter 1: B-trees: Balanced Trees;

Chapter 2: Binary Search Trees;

Chapter 3: Disjoint Sets

UNIT - 3

Chapter 1: Dynamic Programming;

Chapter 2: The Greedy Method;

Chapter 3: Backtracking;

Chapter 4: Divide and Conquer;

Chapter 5: Branch and Bound

UNIT - 4

Chapter 1: Graphs;

Chapter 2: Single- Source Shortest Path;

Chapter 3: All-Pairs Shortest Paths;

Chapter 4: Dijkstra's Algorithm;

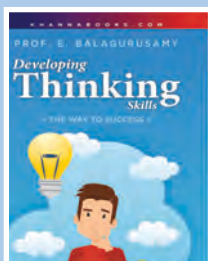
Chapter 5: Minimum-Cost Spanning Trees

UNIT - 5

Chapter 1: String Matching;

Chapter 2: Randomization;

Chapter 3: Amortized Analysis of Data Structure



DEVELOPING THINKING SKILLS (THE WAY TO SUCCESS)

AICTE RECOMMENDED

E Balagurusamy

ISBN: 9789390779086

Pages: 130

Year: 2024

Language: English

CONTENTS:

Chapter 1: Importance of Thinking Skills;

Chapter 2: Critical Thinking;

Chapter 3: Creativity and Creative Thinking;

Chapter 4: Rational Thinking;

Chapter 5: Design Thinking;

Chapter 6: Ethical Thinking;

Chapter 7: Systems Thinking;

Chapter 8: Comparison of Thinking Styles

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DIGITAL IMAGE PROCESSING

Ikvinderpal Singh and Baljinder Singh

ISBN: 9789380016214

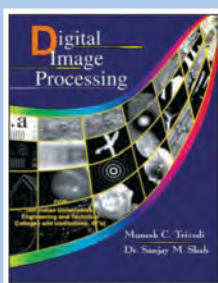
Pages: 512

Year: 2015

Language: English

CONTENTS:

Chapter 1: Background;
Chapter 2: Fundamentals of Image Processing;
Chapter 3: Image Signal Representation;
Chapter 4: Image Enhancement;
Chapter 5: Image Restoration;
Chapter 6: Image Feature Extraction;
Chapter 7: Image Data Compression and Statistical Pattern Recognition;
Chapter 8: Hardware Architecture for Image Processing;
Chapter 9: Techniques of Color Image Processing;
Chapter 10: Applications of Image Processing



DIGITAL IMAGE PROCESSING

AICTE RECOMMENDED

Munesh Chandra Trivedi and Sanjay M. Shah

ISBN: 9789380016153

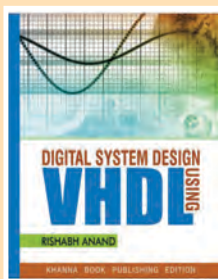
Pages: 408

Year: 2020

Language: English

CONTENTS:

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



DIGITAL SYSTEM DESIGN USING VHDL

AICTE RECOMMENDED

Rishabh Anand

ISBN: 9789381068786

Pages: 648

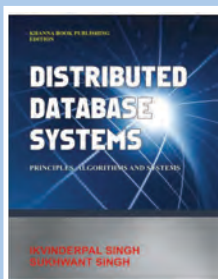
Year: 2022

Language: English

CONTENTS:

Chapter 1: Introduction to VHDL;
Chapter 2: VHDL Statements;
Chapter 3: Combinational Circuit Design;
Chapter 4: Sequential Circuit;
Chapter 5: Specification And Implementation of A Microcomputer;
Chapter 6: Introduction to Programmable Logic Devices;
Chapter 7: VHDL Programs

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



DISTRIBUTED DATABASE SYSTEMS

AICTE RECOMMENDED

**Ikvinderpal Singh
Sukhwant Singh**

ISBN: 9789381068168

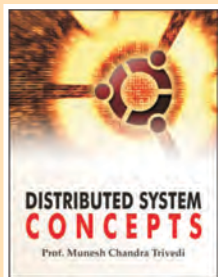
Pages: 500

Year: 2015

Language: English

CONTENTS:

Chapter 1: Distributed Database Concepts;
Chapter 2: Distributed Database Design;
Chapter 3: Distributed Database System Architecture;
Chapter 4: Distributed Query Processing;
Chapter 5: Distributed Query Optimization;
Chapter 6: Distributed Transaction Management;
Chapter 7: Distributed Concurrency Control;
Chapter 8: Distributed Deadlock Management;
Chapter 9: Distributed Recovery Management;
Chapter 10: Distributed Database Administration



DISTRIBUTED SYSTEM CONCEPTS

Munesh Chandra Trivedi

ISBN: 9789380016412

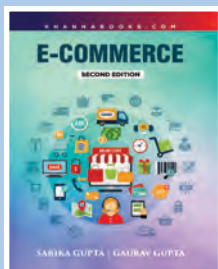
Pages: 372

Year: 2014

Language: English

CONTENTS:

Chapter 1: Process Concept;
Chapter 2: Limitation of Distributed System;
Chapter 3: Distributed Deadlock Detection;
Chapter 4: Distributed File System;
Chapter 5: Distributed Object and Remote Invocation;
Chapter 6: Security;
Chapter 7: Transaction and Concurrency Control;
Chapter 8: Distributed Transactions;
Chapter 9: Replication;
Chapter 10: Communication Protocol;
Chapter 11: Corba and Rmi



E-COMMERCE

Gaurav Gupta, Sarika Gupta

ISBN: 9789382609544

Pages: 346

Year: 2025

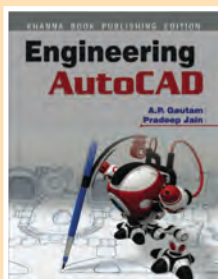
Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction of E-Commerce;
Chapter 2: Network Infrastructure for E-Commerce;
Chapter 3: Mobile Commerce;
Chapter 4: Security;
Chapter 5: Firewalls;
Chapter 6: Encryption Techniques;
Chapter 7: Virtual Private Network;
Chapter 8: Set Protocol;
Chapter 9: E-Commerce Applications;
Chapter 10: Implementation of E-commerce;
Chapter 11: How to Use HTML: Question Bank

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



ENGINEERING AUTOCAD

AICTE RECOMMENDED

A.P. Gautam, Pradeep Jain

ISBN: 9789381068946

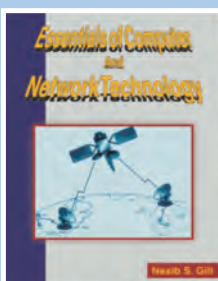
Pages: 300

Year: 2016

Language: English

CONTENTS:

Chapter 1: Concept Of Engineering Drawing;
Chapter 2: An Introduction Of AutoCAD;
Chapter 3: AutoCAD Command Shortcuts;
Chapter 4: Draw Toolbar;
Chapter 5: Modify Toolbar;
Chapter 6: Dimension Toolbar;
Chapter 7: Layers;
Chapter 8: Productivity Tool;
Chapter 9: Miscellaneous Command;
Chapter 10: Constraints;
Chapter 11: Three Dimension Tool;
Chapter 12: Page Setup & Plot Manager



ESSENTIALS OF COMPUTER AND NETWORK TECHNOLOGY

Nasib Singh Gill

ISBN: 9788187522713

Pages: 368

Year: 2014

Language: English

CONTENTS:

Chapter 1: Historical Evolution of Computers
Chapter 2: Input and Output Devices
Chapter 3: Memory and Mass Storage Devices
Chapter 4: Software and Programming Language Concepts
Chapter 5: Data Communication and Communication Packages
Chapter 6: Computer Network and Applications
Chapter 7: Internet and its Applications
Chapter 8: Overview of Intranet & its Applications
Chapter 9: Computer Applications
Chapter 10: Social Concerns and Computers



EXPERT C PROGRAMMING

R. Singh, I. Singh

ISBN: 9789380016764

Pages: 740

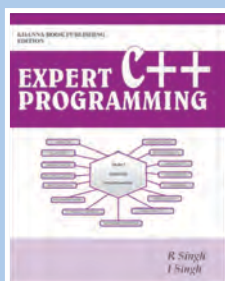
Year: 2011

Language: English

CONTENTS:

Chapter 1: Getting Started With C;
Chapter 2: Operators and Expressions;
Chapter 3: Console Input and Output Statements;
Chapter 4: Control Statements;
Chapter 5: Arrays;
Chapter 6: Strings;
Chapter 7: Functions;
Chapter 8: Storage Classes;
Chapter 9: Pointers;
Chapter 10: Structures and Unions;
Chapter 11: File Handling;
Chapter 12: C Preprocessor and Characters Test Functions

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



EXPERT C++ PROGRAMMING

R. Singh, I. Singh

ISBN: 9789380016771

Pages: 1124

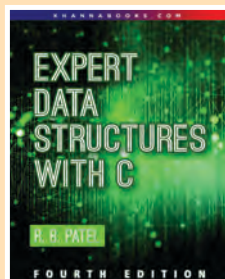
Year: 2010

Language: English

CONTENTS:

Chapter 1: Getting Started With C++;
Chapter 2: C++ Programming Basics;
Chapter 3: Operators and Expressions;
Chapter 4: Console Input and Output in C++;
Chapter 5: Control Statements;
Chapter 6: Arrays;
Chapter 7: Strings;
Chapter 8: Functions;
Chapter 9: Pointers;
Chapter 10: Structures and Unions;
Chapter 11: Classes;
Chapter 12: More About Classes;
Chapter 13: Operator Overloading;
Chapter 14: Inheritance;
Chapter 15: Polymorphism and Virtual Function;
Chapter 16: Exploring Special Functions;
Chapter 17: C++ Streams and Files;
Chapter 18: Templates;
Chapter 19: Exception Handling;

...



EXPERT DATA STRUCTURES WITH C

AICTE RECOMMENDED

R.B. Patel

ISBN: 9789386173690

Pages: 792

Year: 2024

Edition: Fourth

Language: English

CONTENTS:

Chapter 1: Basics of Data Structures & Programming Language 'C';
Chapter 2: Recursion;
Chapter 3: String Manipulation And Pattern Matching;
Chapter 4: Arrays;
Chapter 5: Linked List;
Chapter 6: Stacks And Queues;
Chapter 7: Trees;
Chapter 8: Graphs;
Chapter 9: Sorting And Searching;
Chapter 10: File Structures;
Chapter 11: Variants of B-Tree



EXPERT DATA STRUCTURES WITH C++

AICTE RECOMMENDED

R.B. Patel

ISBN: 9788187522034

Pages: 768

Year: 2021

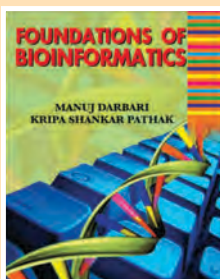
Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Recursion;
Chapter 3: String Manipulation Pattern Matching;
Chapter 4: Arrays;
Chapter 5: Linked List;
Chapter 6: Stacks & Queues;
Chapter 7: Trees;
Chapter 8: Graphs;
Chapter 9: Sorting & Searching

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



FOUNDATIONS OF BIOINFORMATICS

**Manuj Darbari and
Kripa Shankar Pathak**

ISBN: 9788187325369

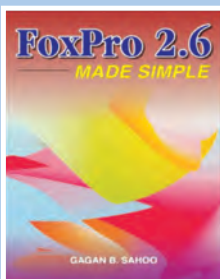
Pages: 136

Year: 2008

Language: English

CONTENTS:

Chapter 1: Bioinformatics;
Chapter 2: The Diversity of Life Forms;
Chapter 3: Proteins;
Chapter 4: Nucleotide;
Chapter 5: Data Searches and their Alignment Method



FOXPRO 2.6 MADE SIMPLE

Gagan Sahoo

ISBN: 9788187325048

Pages: 640

Year: 2002

Language: English

CONTENTS:

Chapter 1: Concepts and Database;
Chapter 2: Starting FoxPro;
Chapter 3: FoxPro Data Types;
Chapter 4: Record Manipulation Commands;
Chapter 5: Data Ordering and Searching;
Chapter 6: Importing and Exporting Data;
Chapter 7: Operators and Expressions;
Chapter 8: Reports and Mailing Labels;
Chapter 9: Functions in FoxPro;
Chapter 10: Input Output Commands;
Chapter 11: Full Screen Data Editing;
Chapter 12: Control Flow;
Chapter 13: Environment Set Commands;
Chapter 14: Windows Menus and Popups;
Chapter 15: Reporting Through Programming;
Chapter 16: Structural and Procedural Programming;
Chapter 17: Event Trapping;
Chapter 18: Case Studies Admission System;



FUNDAMENTALS AND C PROGRAMMING

Amit Verma

ISBN: 9789380016924

Pages: 338

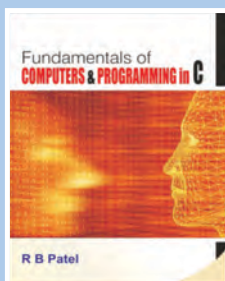
Year: 2010

Language: English

CONTENTS:

Chapter 1: Concepts in Computer and Programming
Chapter 2: Programming Language Classification and Program Methodology;
Chapter 3: Digital Fundamentals
Chapter 4: Concepts of Operating System, Office Tools and Data Management;
Chapter 5: Data Type
Chapter 6: If Statement;
Chapter 7: For Loop
Chapter 8: Array;
Chapter 9: Pointer
Chapter 10: Structure;
Chapter 11: Functions
Chapter 12: File Input/Output

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



FUNDAMENTALS OF COMPUTERS & PROGRAMMING IN C

R.B. Patel

ISBN: 9788190698870

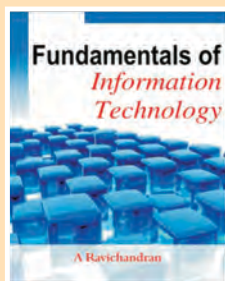
Pages: 985

Year: 2014

Language: English

CONTENTS:

Chapter 1: Computer System;
Chapter 2: Number system;
Chapter 3: The Operating system;
Chapter 4: Unix Operating System;
Chapter 5: Linux Operating System;
Chapter 6: Disk Operating system (DOS);
Chapter 7: Windows Server 2003;
Chapter 8: Data Communications and Networks;
Chapter 9: Internet Features and Working;
Chapter 10: E-mail;
Chapter 11: File Transfer Protocol (FTP);
Chapter 12: Using the Internet;
Chapter 13: Programming Languages;
Chapter 14: Introduction to C;
Chapter 15: Data Types;
Chapter 16: Operators and Expressions;
Chapter 17: Loops and Decisions;
Chapter 18: Functions;
Chapter 19: Arrays;
Chapter 20: Pointers;
Chapter 21: Structures and Union;
Chapter 22: File Handling in C



FUNDAMENTALS OF INFORMATION TECHNOLOGY

A. Ravichandran

ISBN: 9789380016344

Pages: 664

Year: 2014

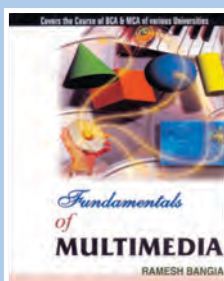
Language: English

CONTENTS:

Chapter 1: Introduction to Computers;
Chapter 2: Computer Anatomy and Architecture;
Chapter 3: Number System;
Chapter 4: Central Processing Unit;
Chapter 5: Input, Output and Storage Devices;
Chapter 6: Introduction to Computer Software;
Chapter 7: Introduction to Software Development;
Chapter 8: Programming Languages;
Chapter 9: Operating Systems;
Chapter 10: General Software;
Chapter 11: Microsoft Windows XP;
Chapter 12: Introduction to Microsoft Office;
Chapter 13: Microsoft Word;
Chapter 14: Microsoft Excel;
Chapter 15: Microsoft PowerPoint;
Chapter 16: Microsoft Access;
Chapter 17: Introduction to Database Management Systems;
Chapter 18: Database Systems and Architecture;
Chapter 19: DBMS and SQL;
Chapter 20: Introduction to Telecommunications;
Chapter 21: Introduction to Networking;
Chapter 22: Introduction to Communications;
Chapter 23: Internet and World Wide Web;

...

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



FUNDAMENTALS OF MULTIMEDIA

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9788187325192

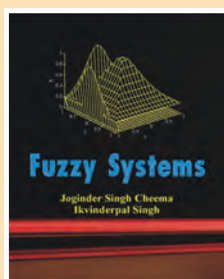
Pages: 248

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction of Multimedia;
Chapter 2: Project Stages of Multimedia;
Chapter 3: Working with Text;
Chapter 4: Making Sound;
Chapter 5: Understanding Videos;
Chapter 6: Data Compression;
Chapter 7: Image and Audio Compression;
Chapter 8: Images and Animations;
Chapter 9: Working with Animation;
Chapter 10: Multimedia and Web



FUZZY SYSTEMS

AICTE RECOMMENDED

Ikvinderpal Singh

ISBN: 9789380016498

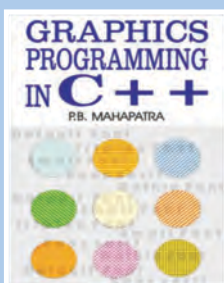
Pages: 492

Year: 2015

Language: English

CONTENTS:

Chapter 1: Introduction to Fuzzy System;
Chapter 2: Fuzzy Logic;
Chapter 3: Classical Sets and Fuzzy Sets;
Chapter 4: Fuzzy Relations, Fuzzy Graphs and Fuzzy Arithmetic;
Chapter 5: Fuzzy If-then Rules;
Chapter 6: Applications of Fuzzy Logic;
Chapter 7: Neuro-Fuzzy Systems;
Chapter 8: Genetic Algorithm;
Chapter 9: Fuzzy Logic and Probability Theory;
Chapter 10: Fuzzy Logic and Probability Theory;
Chapter 11: Fuzzy Model Identification;
Chapter 12: Fuzzy Logic in Database and Information Systems;
Chapter 13: Fuzzy Logic and Artificial Intelligence;
Chapter 14: Fuzzy Logic and Pattern Recognition



GRAPHICS PROGRAMMING IN C++

P.B. Mahapatra

ISBN: 9788187522380

Pages: 272

Year: 2008

Language: English

CONTENTS:

Chapter 1: Preparations for Graphics;
Chapter 2: Standard Library Graphic Functions;
Chapter 3: Object Oriented Programming for Graphics;
Chapter 4: Animation and Twinning;
Chapter 5: Interactive Graphics;
Chapter 6: Direct Access Color Graphics;
Chapter 7: Installing the Mouse;
Chapter 8: File Input/ Output of Graphic Images;
Chapter 9: Increase your Colour Options;
Chapter 10: Translation;
Chapter 11: Rotation & Scaling;
Chapter 12: Three Dimensional Graphics

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



HANDBOOK OF COMPUTER FUNDAMENTALS

AICTE RECOMMENDED

Nasib Singh Gill

ISBN: 9789382609674

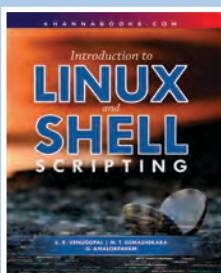
Pages: 400

Year: 2023

Language: English

CONTENTS:

Chapter 1: Historical Evolution of Data processing and Computing;
Chapter 2: Computers and their Classification;
Chapter 3: Number Systems and their Inter conversions;
Chapter 4: Computer Codes and Their Types;
Chapter 5: Input and Output devices;
Chapter 6: Memory and Mass Storage Devices;
Chapter 7: Software and Operating System Concepts;
Chapter 8: Programming languages and Program development;
Chapter 9: Data Communication and Related Concepts;
Chapter 10: Computer Networks and Internet;
Chapter 11: Computer Applications



INTRODUCTION TO LINUX AND SHELL SCRIPTING

K.R. Venugopal,
M.T. Somasheara,
G. Aamalorpavam

ISBN: 9788195123117

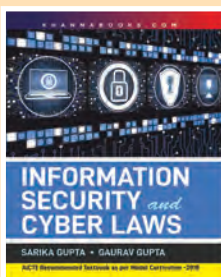
Pages: 486

Year: 2023

Language: English

CONTENTS:

Chapter 1: Introduction to Operating Systems and Linux;
Chapter 2: Basic Commands in Linux;
Chapter 3: Linux File System;
Chapter 4: Working with File and Directories;
Chapter 5: Linux Text Files;
Chapter 6: Managing Files;
Chapter 7: Linux Filters;
Chapter 8: The Awk Programming an Advanced Filter;
Chapter 9: Security;
Chapter 10: Linux Shell Programming;
Chapter 11: Control Structures in shell Scripts;
Chapter 12: Process Management;
Chapter 13: Managing Process Execution;
Chapter 14: Communication Facility in Linux;
Chapter 15: Linux System Administration;
Chapter 16: Disk Management in Linux;
Chapter 17: Administering Printers



INFORMATION SECURITY & CYBER LAWS

AICTE RECOMMENDED

Gaurav Gupta, Sarika Gupta

ISBN: 9789381068243

Pages: 426

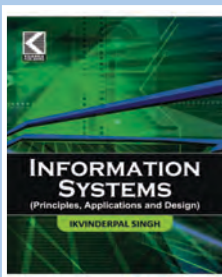
Year: 2023

Language: English

CONTENTS:

Chapter 1: What is Information ?
Chapter 2: What is Security ?
Chapter 3: What is E-commerce ?
Chapter 4: Physical Security
Chapter 5: Cryptography;
Chapter 6: Network Security;
Chapter 7: Security Metrics;
Chapter 8: Ethical Issues

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



INFORMATION SYSTEMS

Ikvinderpal Singh

ISBN: 9789382609339

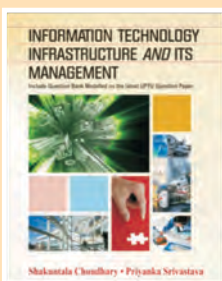
Pages: 416

Year: 2014

Language: English

CONTENTS:

Chapter 1: Information Concepts;
Chapter 2: Information Capturing And Representation;
Chapter 3: System Concepts;
Chapter 4: Information Systems;
Chapter 5: Technologies For Information Systems;
Chapter 6: Transaction Processing Systems;
Chapter 7: Knowledge Work And Office Automation Systems;
Chapter 8: Management Information Systems;
Chapter 9: Decision Support Systems;
Chapter 10: Executive Support Systems;
Chapter 11: Case Study Of Information Systems



INFORMATION TECHNOLOGY INFRASTRUCTURE & ITS MANAGEMENT

AICTE RECOMMENDED

Shakuntala Choudhary and
Priyanka Srivastava

ISBN: 9789380016399

Pages: 264

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction to IT Infrastructure;
Chapter 2: Service Delivery Process;
Chapter 3: Service Support and Storage Management;
Chapter 4: Security Management;
Chapter 5: IT Ethics and Emerging Trends
Question Bank



INFORMATION TECHNOLOGY INFRASTRUCTURE & ITS MANAGEMENT

AICTE RECOMMENDED

Munesh Chandra Trivedi,
Ashish N. Jani,
Kamaljit I. Lakhtaria and
Amit B. Kalyani

ISBN: 9789380016313

Pages: 292

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction to Information Technology;
Chapter 2: Internet;
Chapter 3: Service Support Process;
Chapter 4: Storage Management;
Chapter 5: Security Management;
Chapter 6: Legal Issues for E-Business;
Chapter 7: Emerging Trends in IT

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



INTERNET & JAVA PROGRAMMING

AICTE RECOMMENDED

Tanweer Alam

ISBN: 9789380016726

Pages: 692

Year: 2021

Language: English

CONTENTS:

Chapter 1: Internet;
Chapter 2: Java: Getting Start;
Chapter 3: Java Language Basics;
Chapter 4: Control Flow;
Chapter 5: Arrays;
Chapter 6: Object Orientation: An Introduction;
Chapter 7: Introducing Classes;
Chapter 8: Inheritance;
Chapter 9: Packages;
Chapter 10: String Handling;
Chapter 11: Exception Handling in Java;
Chapter 12: Applet Programming;
Chapter 13: File Handling;
Chapter 14: Multithreading;
Chapter 15: Multimedia in Applet;
Chapter 16: Socket Programming;
Chapter 17: Abstract Window Toolkit;
Chapter 18: Event Handling;
Chapter 19: Graphics Programming;
Chapter 20: Swing Programming;
Chapter 21: JDBC;
Chapter 22: Java Beans;
Chapter 23: Remote Method Invocation;
Chapter 24: Java Servlet;
Chapter 25: Java Server Pages;
Chapter 26: Moving from C++ to Java;
Chapter 27: Application of Java;
Chapter 28: Mini Projects;



INTERNET AND WEB TECHNOLOGY

Ravichandran

ISBN: 9789380016269

Pages: 448

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction to Web Development Strategies;
Chapter 2: Introduction to HTML;
Chapter 3: Cascade Style Sheets (CSS);
Chapter 4: Extensible Markup Language (XML);
Chapter 5: JavaScript;
Chapter 6: JavaBeans;
Chapter 7: Java Server Pages (JSP);
Chapter 8: JSP Directives and Standard Actions;
Chapter 9: Java Servlets;
Chapter 10: JDBC (Java Database Connectivity);
Chapter 11: Common Gateway Information (CGI), Practical Extraction and Review Language (PERL);
Chapter 12: RMI, VBScript & COM/DOM;
Chapter 13: Active Server Pages (ASP)

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



INTERNET & WEB DEVELOPMENT

Soma Dasgupta

ISBN: 9788187522447

Pages: 248

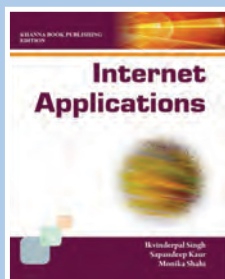
Year: 2014

Language: English

CONTENTS:

Chapter 1: Concept of Internet;
Chapter 2: Modems;
Chapter 3: E-Mail;
Chapter 4: HTML;
Chapter 5: Working with Images;
Chapter 6: Forms;
Chapter 7: Tables;
Chapter 8: Links;
Chapter 9: Frames;
Chapter 10: Dynamic HTML;
Chapter 11: Style Sheets;
Chapter 12: Font Attributes;
Chapter 13: Working with Background and Colours;
Chapter 14: Working with List Attributes;
Chapter 15: JAVA Script;
Chapter 16: Describing the Operators;
Chapter 17: Statements of JAVA Script;
Chapter 18: Working with Browser Objects;
Chapter 19: Working with Math Objects;
Chapter 20: Working with scrolling Message;

...



INTERNET APPLICATIONS

**Ikvinderpal Singh,
Sapandeep Kaur and
Monika Shahi**

ISBN: 9789381068397

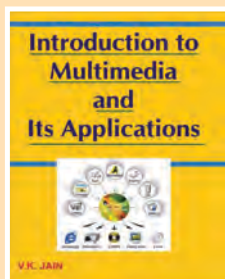
Pages: 680

Year: 2011

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: E-mail;
Chapter 3: Internet Protocols;
Chapter 4: Usenet Newsgroups;
Chapter 5: World Wide Web (WWW);
Chapter 6: HTML;
Chapter 7: Forms in HTML;
Chapter 8: Cascading Style Sheets (CSS);
Chapter 9: Javascript;
Chapter 10: DHTML;
Chapter 11: Search Engines;
Chapter 12: Intranet & Extranet



INTRODUCTION TO MULTIMEDIA AND ITS APPLICATIONS

V.K. Jain

ISBN: 9789381068571

Pages: 560

Year: 2012

Language: English

CONTENTS:

Chapter 1: Multimedia & Applications;
Chapter 2: Creating HTML Documents;
Chapter 3: Computer Fonts & Hypertext;
Chapter 4: Audio Fundamentals & Representations;
Chapter 5: Image Fundamentals & Graphics;
Chapter 6: Use of Image Editing Software;
Chapter 7: Video & Animation;
Chapter 8: Multimedia Authoring Tools;
Chapter 9: Adobe Flash Multimedia Authoring Software

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



INTRODUCTION TO WEB TECHNOLOGY

Tanweer Alam

ISBN: 9789380016863

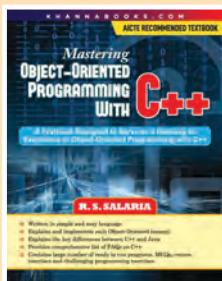
Pages: 540

Year: 2010

Language: English

CONTENTS:

Chapter 1: Web Development;
Chapter 2: HTML;
Chapter 3: XML;
Chapter 4: Java Script;
Chapter 5: Java: Getting Start;
Chapter 6: Java Language Basics;
Chapter 7: Object Orientation;
Chapter 8: Applet Programming;
Chapter 9: Abstract Window Toolkit;
Chapter 10: Graphics Programming;
Chapter 11: Java Beans;
Chapter 12: Swing Programming;
Chapter 13: Java Servlets;
Chapter 14: Java Server Pages;
Chapter 15: Working with Database;
Chapter 16: Developing Java Beans in JSP Page;
Chapter 17: Introduction to Struts Frameworks



MASTERING OBJECTORIENTED PROGRAMMING WITH C++

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789382609391

Pages: 480

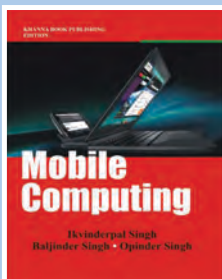
Year: 2017

Edition: Sixth

Language: English

CONTENTS:

Chapter 1: Introduction to Object-Oriented Programming;
Chapter 2: Migrating from 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)



MOBILE COMPUTING

Ikvinderpal Singh

ISBN: 9789381068236

Pages: 480

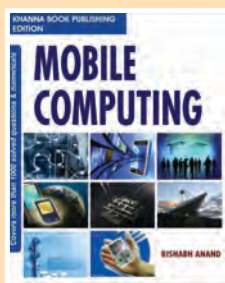
Year: 2018

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Modern Wireless Communication System;
Chapter 3: Cellular Concepts;
Chapter 4: Antennas;
Chapter 5: Cellular Networks;
Chapter 6: Multi Access Technique and Wireless Standards;
Chapter 7: Wireless LAN;
Chapter 8: GSM Systems Overview

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



MOBILE COMPUTING

Rishabh Anand

ISBN: 9789381068625

Pages: 532

Year: 2012

Language: English

CONTENTS:

Chapter 1: Wireless Communication Fundamentals;
Chapter 2: Telecommunications;
Chapter 3: Mobile Network Layer;
Chapter 4: Transport and Application Layers;
Chapter 5: Database Issues;
Chapter 6: Data Dissemination;
Chapter 7: Mobile AdHoc Networks (MANET's);
Chapter 8: Wireless Local Area Network



MOBILE COMPUTING

AICTE RECOMMENDED

Brijesh K. Gupta

ISBN: 9789386173218

Pages: 512

Year: 2021

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Mobile Data Management;
Chapter 3: Location Management;
Chapter 4: Transaction management;
Chapter 5: AD Hoc Networks
Question Bank



MULTIMEDIA AND ANIMATION

AICTE RECOMMENDED

V.K. Jain

ISBN: 9789386173126

Pages: 452

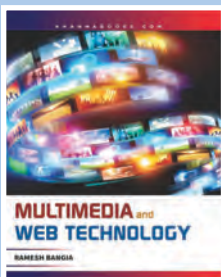
Year: 2023

Language: English

CONTENTS:

Chapter-1: Introduction to Multimedia and Animation;
Chapter-2: Multimedia Hardware and Software Tools;
Chapter-3: Multimedia Colour and Design;
Chapter-4: Multimedia Text and Hypertext;
Chapter-5: Multimedia Images and Graphics;
Chapter-6: Audio Fundamentals and Representations;
Chapter-7: Video Processing;
Chapter-8: Animation;
Chapter-9: Multimedia Authoring Tools;
Chapter-10: Internet, Web and Social Media;
Chapter-11: Wireless Multimedia;
Chapter-12: Multimedia projectss

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



MULTIMEDIA AND WEB TECHNOLOGY

Ramesh Bangia

ISBN: 9789381068304

Pages: 520

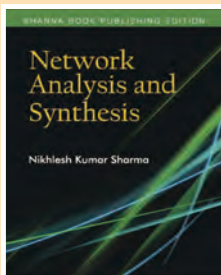
Year: 2025

Edition: Third

Language: English

CONTENTS:

Chapter 1: Introduction to Internet;
Chapter 2: Introduction to HTML;
Chapter 3: Formatting Text in HTML;
Chapter 4: Tables in HTML;
Chapter 5: Forms in HTML;
Chapter 6: Frames in HTML;
Chapter 7: Styles in HTML;
Chapter 8: HTML Tags;
Chapter 9: DHTML;
Chapter 10: Cascade Style Sheets;
Chapter 11: CSS Tags;
Chapter 12: eXtensive Markup Language;
Chapter 13: Introduction to ASP.Net;
Chapter 14: ASP.Net Reference;
Chapter 15: JavaScript;
Chapter 16: JavaScript Objects;
Chapter 17: Multimedia;
Chapter 18: Photoshop CS5;
Chapter 19: Flash CS5;
Chapter 20: PHP;
Chapter 21: Question Bank



NETWORK ANALYSIS AND SYNTHESIS

N.K. Sharma

ISBN: 9789382609216

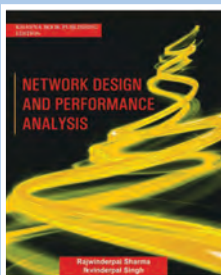
Pages: 536

Year: 2021

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Graph Theory;
Chapter 3: Network Theorems;
Chapter 4: Network Function;
Chapter 5: Two Port Network;
Chapter 6: Network Synthesis;
Chapter 7: Filters



NETWORK DESIGN AND PERFORMANCE ANALYSIS

Ikvinderpal Singh

ISBN: 9789381068410

Pages: 320

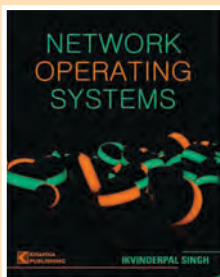
Year: 2015

Language: English

CONTENTS:

Chapter 1: Requirements Analysis and Specifications;
Chapter 2: Traffic Engineering and Capacity Planning;
Chapter 3: Network Performance Modeling;
Chapter 4: Technology Comparisons;
Chapter 5: Choosing Service Providers & Vendors & Service Levels;
Chapter 6: Access Network Design;
Chapter 7: Backbone Network Design;
Chapter 8: Network Security;
Chapter 9: Documentation and Network Management;
Chapter 10: Network optimization

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



NETWORK OPERATING SYSTEM

Ikvinderpal Singh

ISBN: 9789381068199

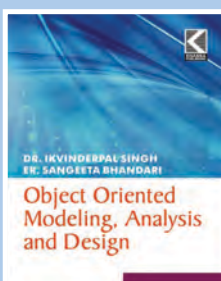
Pages: 708

Year: 2016

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Windows Server 2003;
Chapter 3: Disk Management;
Chapter 4: Servers;
Chapter 5: User Group and Computer Accounts;
Chapter 6: Active Directory;
Chapter 7: Performance Monitoring and Security;
Chapter 8: Special Topics



OBJECT ORIENTED MODELING, ANALYSIS AND DESIGN

Ikvinderpal Singh

ISBN: 9789382609414

Pages: 404

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Object Oriented Concepts;
Chapter 3: Object Oriented Modeling: UML;
Chapter 4: Object Oriented Modeling: Use Cases;
Chapter 5: Object Oriented Analysis;
Chapter 6: Object Model;
Chapter 7: Advanced Object Model;
Chapter 8: Dynamic Model;
Chapter 9: Functional Model;
Chapter 10: System Design;
Chapter 11: Object Design



OBJECT ORIENTED SYSTEMS WITH JAVA 2.0

Tanweer Alam

ISBN: 9789380016559

Pages: 650

Year: 2018

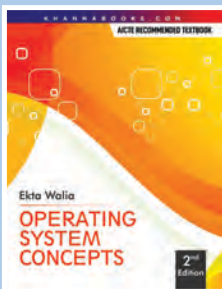
Language: English

CONTENTS:

Chapter 1: Object Modeling;
Chapter 2: Dynamic Modeling;
Chapter 3: Functional Modeling;
Chapter 4: Java Programming: Getting Start;
Chapter 5: Variables, Operator and Data Types;
Chapter 6: Control Statements;
Chapter 7: Classes and Methods;
Chapter 8: Multithread Programming;
Chapter 9: Package and Interface;
Chapter 10: Input Output In Java;
Chapter 11: Java Applet;
Chapter 12: String Handling in Java;
Chapter 13: Exception Handling in Java;
Chapter 14: Networking and Socket Programming;
Chapter 15: Introduction to AWT;
Chapter 16: Event Handling;
Chapter 17: Graphics Programming;
Chapter 18: Java Beans;
Chapter 19: Java Swing;
Chapter 20: Java Servlets;
Chapter 21: Migrating From C++ to Java;
Chapter 22: Application of Java;

...

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



OPERATING SYSTEM CONCEPTS

AICTE RECOMMENDED

Ekta Walia

ISBN: 9789380016658

Pages: 360

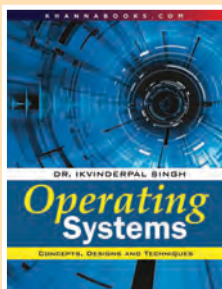
Year: 2022

Edition: Second

Language: English

CONTENTS:

Chapter 1: Operating System: An Introduction;
Chapter 2: Computer System Structures;
Chapter 3: Operating System Structures;
Chapter 4: Introduction To Processes;
Chapter 5: CPU Scheduling;
Chapter 6: Process Synchronization;
Chapter 7: Dealing with Deadlocks;
Chapter 8: Memory Management Basics;
Chapter 9: Managing Virtual Memory;
Chapter 10: File System Interface and Implementation;
Chapter 11: Device Management and Storage Structures;
Chapter 12: Protection Security;
Chapter 13: Operating System for Distributed Systems;
Chapter 14: Case Studies-UNIX & Windows NT



OPERATING SYSTEMS

Ikvinderpal Singh

ISBN: 9789381068724

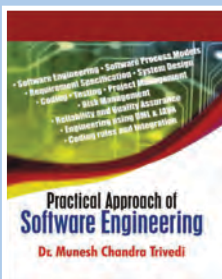
Pages: 680

Year: 2013

Language: English

CONTENTS:

Chapter 1: Overview;
Chapter 2: Computer System Structures;
Chapter 3: Operating System Structures;
Chapter 4: Wireless Multimedia;
Chapter 5: Process Scheduling;
Chapter 6: Process Synchronization;
Chapter 7: Deadlocks;
Chapter 8: Memory Management;
Chapter 9: Virtual Memory;
Chapter 10: Input/Output and Device Management;
Chapter 11: Disk Management;
Chapter 12: File Management;
Chapter 13: Protection And Security;
Chapter 14: Distributed Systems;
Chapter 15: Case Studies of Unix



PRACTICAL APPROACH OF SOFTWARE ENGINEERING

Munesh Chandra Trivedi

ISBN: 9789381068144

Pages: 292

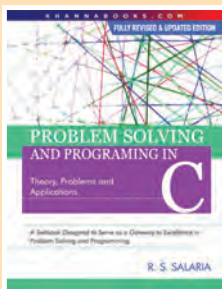
Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction to Software Engineering;
Chapter 2: Software Process Models;
Chapter 3: Software Requirement Specification;
Chapter 4: System Design;
Chapter 5: Coding;
Chapter 6: Testing;
Chapter 7: Software Project Management;
Chapter 8: Software Risk Management;
Chapter 9: Software Reliability and Quality Assurance;
Chapter 10: Software Engineering using UML & JAVA;
Chapter 11: Programming Standards

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



PROBLEM SOLVING AND PROGRAMMING IN C

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789382609490

Pages: 522

Year: 2020

Edition: Fifth

Language: English

CONTENTS:

Chapter 1: Problem Solving and Program Planning;
Chapter 2: Overview of C Language;
Chapter 3: Fundamentals Data Types;
Chapter 4: Operators and Expressions;
Chapter 5: Standard Input/ Output;
Chapter 6: Decision Making Statements;
Chapter 7: Looping Statements;
Chapter 8: Functions;
Chapter 9: Arrays;
Chapter 10: Strings;
Chapter 11: Structures and Unions;
Chapter 12: Pointers;
Chapter 13: File Handling;
Chapter 14: Library Functions and Header Files;
Chapter 15: Preprocessor Directives



PROFESSIONAL ETHICS AND HUMAN VALUES

AICTE RECOMMENDED

Premvir Kapoor

ISBN: 9789355387059

Pages: 230

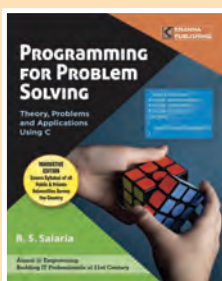
Year: 2025

Edition: Second

Language: English

CONTENTS:

Chapter-1: Human Values;
Chapter-2: Values in Management;
Chapter-3: Business Ethics;
Chapter-4: Professional Ethics;
Chapter-5: Environmental Degradation and Control;
Chapter-6: Science of Living (Jeevan Vigyan);
Chapter-7: Value Education;
Chapter-8: Personality and Stress Management;
Chapter-9: Review Questions



PROGRAMMING FOR PROBLEM SOLVING

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789389139112

Pages: 500

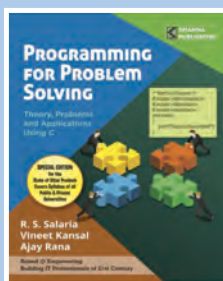
Year: 2021

Language: English

CONTENTS:

Chapter 0: Coding/Programming Problems for Campus Placements;
Chapter 1: Introduction to Computers;
Chapter 2: Program Solving and Program Planning;
Chapter 3: Overview of C Language;
Chapter 4: Data Types, Variables and Constants;
Chapter 5: Operators and Expressions;
Chapter 6: Console Input/Output;
Chapter 7: Decision Making and Branching;
Chapter 8: Decision Making and Looping;
Chapter 9: User-Defined Functions;
Chapter 10: Arrays and Strings;
Chapter 11: User-Defined Data Types: Structure, Union & Enumeration;
 ...

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



PROGRAMMING FOR PROBLEM SOLVING

R.S. Salaria

ISBN: 9789389139136

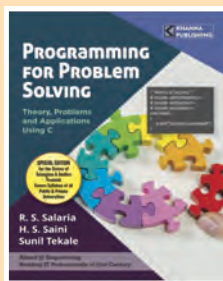
Pages: 500

Year: 2021

Language: English

CONTENTS:

Chapter 0: Coding/Programming Problems for Campus Placements;
Chapter 1: Introduction to Computers;
Chapter 2: Program Solving and Program Planning;
Chapter 3: Overview of C Language;
Chapter 4: Data Types, Variables and Constants;
Chapter 5: Operators and Expressions;
Chapter 6: Console Input/Output;
Chapter 7: Decision Making and Branching;
Chapter 8: Decision Making and Looping;
Chapter 9: User-Defined Functions;
Chapter 10: Arrays and Strings;
Chapter 11: User-Defined Data Types: Structure, Union & Enumeration;
Chapter 12: Pointers & Dynamic Memory Management;
Chapter 13: File Handling;
Chapter 14: Preprocessor Directives;
Chapter 15: Introduction to Algorithms



PROGRAMMING FOR PROBLEM SOLVING

R.S. Salaria

ISBN: 9789389139129

Pages: 500

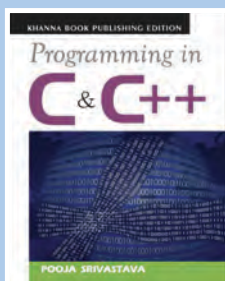
Year: 2022

Language: English

CONTENTS:

Chapter 0: Coding/Programming Problems for Campus Placements;
Chapter 1: Introduction to Computers;
Chapter 2: Program Solving and Program Planning;
Chapter 3: Overview of C Language;
Chapter 4: Data Types, Variables and Constants;
Chapter 5: Operators and Expressions;
Chapter 6: Console Input/Output;
Chapter 7: Decision Making and Branching;
Chapter 8: Decision Making and Looping;
Chapter 9: User-Defined Functions;
Chapter 10: Arrays and Strings;
Chapter 11: User-Defined Data Types: Structure, Union & Enumeration;
Chapter 12: Pointers & Dynamic Memory Management;
Chapter 13: File Handling;
Chapter 14: Preprocessor Directives;
Chapter 15: Introduction to Algorithms

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



PROGRAMMING IN C & C++

Pooja Srivastava

ISBN: 9789382609247

Pages: 336

Year: 2014

Language: English

CONTENTS:

Chapter 1: Object Oriented Programming;
Chapter 2: Operators;
Chapter 3: Control Flow Statement;
Chapter 4: Structure;
Chapter 5: Function;
Chapter 6: Class & Object;
Chapter 7: Arrays & Strings;
Chapter 8: Operator Overloading;
Chapter 9: Polymorphism;
Chapter 10: Inheritance;
Chapter 11: Pointers;
Chapter 12: File Handling



QUALITY MANAGEMENT

Gaurav Gupta, Sarika Gupta

ISBN: 9789382609452

Pages: 222

Year: 2015

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Quality Control in Purchasing;
Chapter 3: Manufacturing Quality Origins and Principles of Lean Manufacturing;
Chapter 4: Quality Management Organization Structure and Design;
Chapter 5: Human Factor in Quality;
Chapter 6: Control Charts in Quality Management;
Chapter 7: Attributes Control Charts;
Chapter 8: Defect Diagnosis;
Chapter 9: ISO9000;
Chapter 10: MODEL TEST PAPER;
Chapter 11: QUESTION BANK



PROGRAMMING IN PYTHON

R.S. Salaria

ISBN: 9789389139013

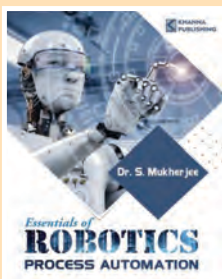
Pages: 380

Language: English

CONTENTS:

Chapter 1: Familiarizing with Python;
Chapter 2: Python Fundamentals;
Chapter 3: Data Types, Operators and Expressions;
Chapter 4: Standard Input/Output;
Chapter 5: Decision Making Statements;
Chapter 6: Iterative/Looping Statements;
Chapter 7: Modular Programming Using Function, Modules, and Packages;
Chapter 8: Strings;
Chapter 9: Sets;
Chapter 10: List;
Chapter 11: Tuples;
Chapter 12: Dictionaries;
Chapter 13: File Handling;
Chapter 14: OOP Concepts;
Chapter 15: Classes and Objects;
Chapter 16: Inheritance;
Chapter 17: Operator Overloading;
Chapter 18: Errors and Exceptional Handling;
Chapter 19: Using Database and SQL

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



ESSENTIAL OF ROBOTICS PROCESS AUTOMATION

AICTE RECOMMENDED

S. Mukherjee

ISBN: 9789386173751

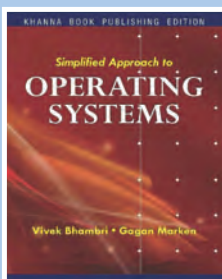
Pages: 282

Year: 2025

Language: English

CONTENTS:

Chapter 1: Robotics Process Automation;
Chapter 2: Robot Gripper Process;
Chapter 3: Drives and control system;
Chapter 4: Kinematics;
Chapter 5: Robot Actuation and Hardware Interface;
Chapter 6: Robotics Process Automation Impacts on Business;
Chapter 7: Case Study (List of Practicals)
RPA Interview (Questions and Answers)



SIMPLIFIED APPROACH TO OPERATING SYSTEM

**Vivek Bhambri,
Gagan Marken**

ISBN: 9789382609155

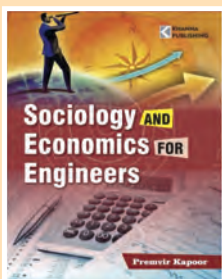
Pages: 352

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to Operating System;
Chapter 2: Type of Operating System;
Chapter 3: Process Management;
Chapter 4: CPU Scheduling;
Chapter 5: Deadlocks;
Chapter 6: Process Synchronization;
Chapter 7: Memory Management;
Chapter 8: Virtual Memory;
Chapter 9: File Management;
Chapter 10: Device Management;
Chapter 11: Protection & Security;
Chapter 12: Distributed File System;
Chapter 13: Case Study On disk Operating System (DOS);
Chapter 14: Case Study On Windows Operating System;
Chapter 15: Case Study On Unix;
Chapter 16: Case Study On Linux Operating System



SOCIOLOGY AND ECONOMICS FOR ENGINEERS

AICTE RECOMMENDED

Premvir Kapoor

ISBN: 9789386173027

Pages: 336

Edition: Second

Year: 2024

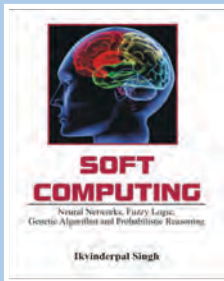
Language: English

CONTENTS:

Chapter 1: Sociology;
Chapter 2: Society;
Chapter 3: Social Control
Chapter 4: Social Welfare in India
Chapter 5: Engineering Economics
Chapter 6: Demand Analysis
Chapter 7: Supply Analysis
Chapter 8: Equilibrium Analysis
Chapter 9: Theory of Production
Chapter 10: National Income
Chapter 11: Consumption and Savings
Chapter 12: Investment
Chapter 13: Portfolio Management
Chapter 14: Project Evaluation
Chapter 15: International Trade
Chapter 16: Money and Banking

...

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



SOFT COMPUTING

Ikvinderpal Singh

ISBN: 9789380016979

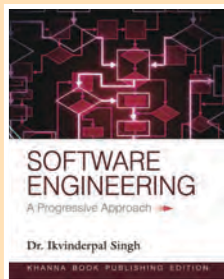
Pages: 696

Year: 2010

Language: English

CONTENTS:

Chapter 1: Fundamentals of Neural Networks;
Chapter 2: Perceptrons;
Chapter 3: Backpropagation;
Chapter 4: Adaline and Madaline;
Chapter 5: Supervised and Unsupervised Learning;
Chapter 6: Counter Propagation Network;
Chapter 7: Adaptive Resonance Theory;
Chapter 8: Neocognitron;
Chapter 9: Bidirectional Associative Memory;
Chapter 10: Case Studies;
Chapter 11: Introduction to Fuzzy System;
Chapter 12: Fuzzy Logic;
Chapter 13: Classical Sets and Fuzzy Sets;
Chapter 14: Fuzzy Relations, Fuzzy Graphs and Fuzzy Arithmetic;
Chapter 15: Fuzzy If-then Rules;
Chapter 16: Applications of Fuzzy Logic;
Chapter 17: Neuro-fuzzy Systems;
Chapter 18: Genetic Algorithm;
Chapter 19: Probability Theory;
Chapter 20: Random Variable and Mathematical Expectation;
Chapter 21: Theoretical Distributions;
Chapter 22: Fuzzy Logic and Probability Theory



SOFTWARE ENGINEERING

Ikvinderpal Singh

ISBN: 9789382609223

Pages: 536

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction To Software Engineering;
Chapter 2: Software Development Process;
Chapter 3: Software Development Process Models;
Chapter 4: Software Requirements Analysis & Specification;
Chapter 5: Software Project Management & Metrics;
Chapter 6: Risk Analysis & Management;
Chapter 7: Software Configuration Management;
Chapter 8: Software Quality;
Chapter 9: Software Reliability;
Chapter 10: Software Architecture & Design;
Chapter 11: Software Design;
Chapter 12: Function-Oriented Software Design;
Chapter 13: Object-Oriented Software Design;
Chapter 14: User-Interface Design;
Chapter 15: Coding;
Chapter 16: Software Testing Techniques;
Chapter 17: Software Testing Strategies;

...

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



SOFTWARE ENGINEERING

R.P. Mahapatra,
Govind Verma

ISBN: 9789382609681

Pages: 364

Year: 2016

Language: English

CONTENTS:

Chapter 1: Computer programming and Languages;
Chapter 2: Software Engineering;
Chapter 3: Software Process;
Chapter 4: Software Requirements and Specification;
Chapter 5: Software design;
Chapter 6: Software Coding;
Chapter 7: Software Testing;
Chapter 8: Software maintenance;
Chapter 9: Software Reliability;
Chapter 10: Software Metrics;
Chapter 11: Software Quality;
Chapter 12: Software Planning and Scheduling;
Chapter 13: Software Cost Estimation;
Chapter 14: Software project Management;
Chapter 15: Software Re-Engineering



SOFTWARE ENGINEERING

AICTE RECOMMENDED

Nasib Singh Gill

ISBN: 9788190611633

Pages: 656

Year: 2025

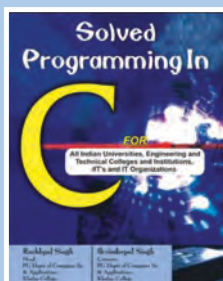
Language: English

CONTENTS:

Chapter 1: Historical Evolution of Software Engineering;
Chapter 2: Software Life cycle Models;
Chapter 3: Software Project Management;
Chapter 4: Software Project Estimation and Risk Management;
Chapter 5: Requirements Engineering and Specifications;
Chapter 6: Software Design Fundamentals;
Chapter 7: Software Design Strategies and Methods;
Chapter 8: Structured Analysis and Design Tools;
Chapter 9: User Interface Design;
Chapter 10: Coding;
Chapter 11: Software testing Techniques and Strategies;
Chapter 12: Software Measures, Metrics and Models;
Chapter 13: Software Quality and Quality Assurance;
Chapter 14: Software Quality Standards and Models;
Chapter 15: Software Reliability and Ability Models;
Chapter 16: Software Safety and Hazard Analysis;
Chapter 17: Computer Aided Software Engineering (CASE) Tools;
Chapter 18: Software Maintenance and Maintenance Costs;

...

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



SOLVED PROGRAMMING IN C

**Rachhpal Singh,
Ikvinderpal Singh**

ISBN: 9789380016191

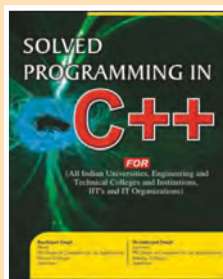
Pages: 520

Year: 2009

Language: English

CONTENTS:

Chapter 1: Getting Started With C;
Chapter 2: All Data Types;
Chapter 3: Operators;
Chapter 4: Console Input/Output;
Chapter 5: Control Statements;
Chapter 6: Array;
Chapter 7: Strings;
Chapter 8: Functions;
Chapter 9: Pointers;
Chapter 10: Dynamic Memory Allocation;
Chapter 11: Structure and Union;
Chapter 12: Files;
Chapter 13: Macros in C;
Chapter 14: Header Files in C;
Chapter 15: Graphics Programming



SOLVED PROGRAMMING IN C++

**Rachhpal Singh,
Ikvinderpal Singh**

ISBN: 9789380016184

Pages: 880

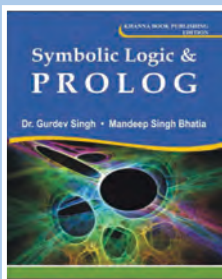
Year: 2009

Language: English

CONTENTS:

Chapter 1: Introduction to C++;
Chapter 2: All Data Types;
Chapter 3: Development in Cin and Cout;
Chapter 4: Control Statements;
Chapter 5: Array;
Chapter 6: Strings;
Chapter 7: Functions;
Chapter 8: Pointers;
Chapter 9: Structure and Union;
Chapter 10: Classes and Objects;
Chapter 11: Constructors and Destructors;
Chapter 12: Operator Overloading;
Chapter 13: Inheritance;
Chapter 14: Polymorphism and Virtual Function;
Chapter 15: Files;
Chapter 16: Exploring Functions (Inline Friend Static);
Chapter 17: Templates;
Chapter 18: Exception Handling;
Chapter 19: Generic Programming;
Chapter 20: Data Structures Using C++

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



SYMBOLIC LOGIC & PROLOG

Mandeep Singh Bhatia

ISBN: 9789381068366

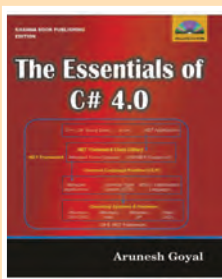
Pages: 460

Year: 2012

Language: English

CONTENTS:

Chapter 1: Propositional Logic;
Chapter 2: First Order Logic;
Chapter 3: Representing World Knowledge;
Chapter 4: Introduction to Prolog;
Chapter 5: Programming in Prolog;
Chapter 6: Recursion;
Chapter 7: Structural Data Representation;
Chapter 8: Unification;
Chapter 9: Controlling Backtracking;
Chapter 10: Built in Predicates;
Chapter 11: Non-Declarative Features of Prolog;
Chapter 12: Resolution;
Chapter 13: Fuzzy Logic and Neural Networks



THE ESSENTIALS OF C# 4.0

Arunesh Goyal

ISBN: 9789381068472

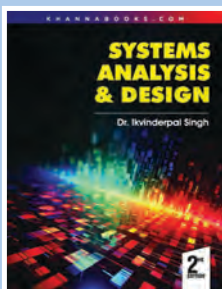
Pages: 400

Year: 2013

Language: English

CONTENTS:

Chapter 1: Getting Started with C#;
Chapter 2: Classes, Objects and Methods;
Chapter 3: Operator Overloading;
Chapter 4: Indexers and Properties;
Chapter 5: Inheritance / Polymorphism;
Chapter 6: Interfaces, Structures and Enumerations;
Chapter 7: Exception Handling;
Chapter 8: I/O Strings and Formatting



SYSTEM ANALYSIS AND DESIGN

Ikvinderpal Singh

ISBN: 9789355389787

Pages: 632

Second: Edition

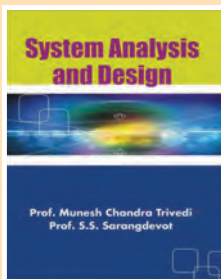
Year: 2024

Language: English

CONTENTS:

Chapter 1: System Analysis & Design;
Chapter 2: System Development Life Cycle;
Chapter 3: Requirement Analysis & Problem Definition;
Chapter 4: Feasibility Study;
Chapter 5: Information Gathering;
Chapter 6: Cost Benefit Analysis;
Chapter 7: System Analyst;
Chapter 8: Input & Output Design;
Chapter 9: System Design: Modular Approach;
Chapter 10: System Design: Structured Approach;
Chapter 11: Object-Oriented Design;
Chapter 12: User-Interface Design;
Chapter 13: Coding & Documentation;
Chapter 14: System Testing;
Chapter 15: System Testing Strategies;
Chapter 16: System Quality;
Chapter 17: System Maintenance & Supports Users

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



SYSTEM ANALYSIS AND DESIGN

Munesh Chandra Trivedi

ISBN: 9789380016405

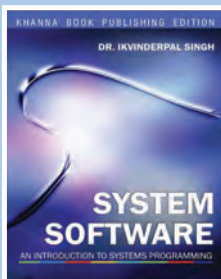
Pages: 250

Year: 2014

Language: English

CONTENTS:

Chapter 1: Overview of System Analysis and Design;
Chapter 2: Project Selection;
Chapter 3: Feasibility Study;
Chapter 4: System Requirement Specification and Analysis;
Chapter 5: Modular Design and System Development;
Chapter 6: Input Design and Control;
Chapter 7: Output System Design;
Chapter 8: Hardware and Software Selection;
Chapter 9: Hardware and Software Selection;
Chapter 10: Hardware and Software Selection;
Chapter 11: System Analysis and Design Overview;
Chapter 12: Organizational Issues



SYSTEM SOFTWARE

Ikvinderpal Singh

ISBN: 9789381068717

Pages: 408

Year: 2015

Language: English

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



THE ESSENTIALS OF JAVA

Arunesh Goyal

ISBN: 9789381068632

Pages: 304

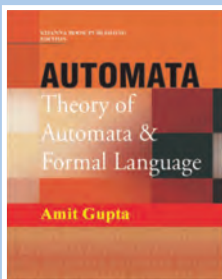
Year: 2012

Language: English

CONTENTS:

Chapter 1: Getting Started with Java;
Chapter 2: Classes, Objects and Methods;
Chapter 3: Inheritance;
Chapter 4: Packages and Interfaces;
Chapter 5: Exception Handling;
Chapter 6: Input / Output;
Chapter 7: String Handling;
Chapter 8: Type Wrappers Auto boxing, Enumerations and Annotations: Java Interview Questions (solved)

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



THEORY OF **AUTOMATA AND FORMAL LANGUAGES**

Amit Gupta

ISBN: 9789380016085

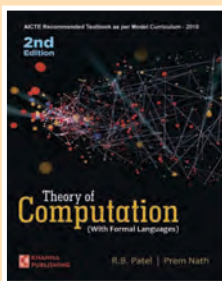
Pages: 456

Year: 2010

Language: English

CONTENTS:

Chapter 1: Mathematical Preliminaries;
Chapter 2: Formal Languages;
Chapter 3: Finite State Machine;
Chapter 4: Regular Expressions and Regular Grammar;
Chapter 5: Context-free Grammar;
Chapter 6: Pushdown Automata;
Chapter 7: Turing Machine;
Chapter 8: Decidability and Indecisiveness (Undecidability);
Chapter 9: Theory of Recursive Function and Intractability;
Chapter 10: Propositions and Predicates



THEORY OF **COMPUTATION (WITH FORMAL LANGUAGES)**

AICTE RECOMMENDED

R.B. Patel, Prem Nath

ISBN: 9789380016528

Pages: 480

Year: 2020

Edition: Second

Language: English

CONTENTS:

Chapter 1: Preliminaries Used in Theory of Computation;
Chapter 2: Introduction to Finite Automata;
Chapter 3: Finite State Machines (Transducers);
Chapter 4: Grammars and Languages;
Chapter 5: Regular Expressions, Regular Languages and Finite Automata;
Chapter 6: Context-free Grammars and Languages;
Chapter 7: Pushdown Automata and Parsing Techniques;
Chapter 8: Turing Machine;
Chapter 9: Computability and Recognizability of Turing Machine;
Chapter 10: Decidability and Undecidability;
Chapter 11: Introduction to Computational Complexity

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



THINKING IN C++

P.B. Mahapatra

ISBN: 9788187522040

Pages: 680

Year: 2014

Edition: Second

Language: English

CONTENTS:

Chapter 1: Fundamentals of C++;
Chapter 2: Mathematical and Relational Expression;
Chapter 3: Flow Control in C++;
Chapter 4: Loops in C++;
Chapter 5: Fundamentals of C++;
Chapter 6: Structures and Unions;
Chapter 7: Data- Its Scope and Visibility;
Chapter 8: Objects & Classes;
Chapter 9: Preprocessor;
Chapter 10: Arrays in C++;
Chapter 11: Pointers in C++;
Chapter 12: Inheritance;
Chapter 13: More on C++ Pointers;
Chapter 14: More on Objects and Classes;
Chapter 15: Operator Overloading;
Chapter 16: Virtual Functions and Polymorphism;
Chapter 17: Input/Output- Preliminaries;
Chapter 18: File Input/Output;
Chapter 19: Data Structures;
Chapter 20: Templates;
Chapter 21: Exception Handling;
Chapter 22: Graphics in C++;
Chapter 23: Objective Oriented Programming - A Closer Look;
Chapter 24: Some Useful Classes;
Chapter 25: C++ as Standardized by ANSI/ISO;
Chapter 26: Introduction to the STL



WEB DESIGNING AND DEVELOPMENT

Tanweer Alam

ISBN: 9789380016870

Pages: 304

Year: 2010

Language: English

CONTENTS:

Chapter 1: Internet;
Chapter 2: HTML;
Chapter 3: XML;
Chapter 4: Java Script;
Chapter 5: Java;
Chapter 6: Working with Database;
Chapter 7: ASP.net;
Chapter 8: Mini Website

COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY



WEB PROGRAMMING USING ASP.NET

Balram Krishnan

ISBN: 9789381068953

Pages: 492

Year: 2018

Language: English

CONTENTS:

Chapter 1: .NET Framework;
Chapter 2: Microsoft ASP.NET;
Chapter 3: ASP.NET Application User Interface;
Chapter 4: State Management;
Chapter 5: XML Web Services;
Chapter 6: Creating User Interface;
Chapter 7: Implementing Navigation For User Interface;
Chapter 8: Storing & Retrieving Data With ADO.NET;
Chapter 9: Security In ASP.NET;
Chapter 10: Configuring, Tracing & Debugging Web Application;
Chapter 11: Using Caching Page;
Chapter 12: Directives In ASP.NET;
Chapter 13: ASP.NET Controls Demo



WEB TECHNOLOGY

Tanweer Alam

ISBN: 9789381068175

Pages: 540

Year: 2011

Language: English

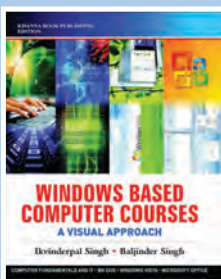
CONTENTS:

PART - I

Chapter 1: Introduction to web;
Chapter 2: HTML;
Chapter 3: XML;
Chapter 4: Java Script;
Chapter 5: Introduction to Ajax;
Chapter 6: VB Script;
Chapter 7: Common Gateway Interface (CGI);
Chapter 8: Active Server Pages (ASP)

PART - II

Chapter 9: ASP. Net;
Chapter 10: Java Server Pages;
Chapter 11: Developing Java beans in a Page;
Chapter 12: Introduction to COM/DCOM;
Chapter 13: Working With Database;
Chapter 14: Hypertext Preprocessor (PHP);
Chapter 15: PHP ODBC



WINDOWS BASED COMPUTER COURSES

Ikvinderpal Singh

ISBN: 9789381068359

Pages: 1000

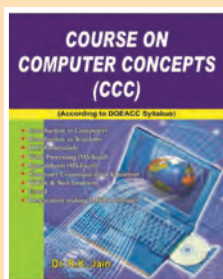
Year: 2011

Language: English

CONTENTS:

Unit 1: Computer Fundamentals And Information Technology;
Unit 2: MS DOS;
Unit 3: Windows Vista;
Unit 4: Microsoft Office 2003;
Unit 5: Microsoft Word 2003;
Unit 6: Microsoft Excel 2003;
Unit 7: Microsoft PowerPoint 2003;
Unit 8: Microsoft Access 2003

DOEACC BOOKS



COURSE ON COMPUTER CONCEPTS (CCC)

R.K. Jain

ISBN: 9789380016849

Pages: 248

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction to Computers;
Chapter 2: Introduction to GUI based Operating Systems;
Chapter 3: Introduction to Windows 7;
Chapter 4: Elements of Word Processing;
Chapter 5: Spreadsheet;
Chapter 6: Computer Communication and Internet;
Chapter 7: WWW and Web Browsers;
Chapter 8: Combination and Collaboration;
Chapter 9: Making Small Presentations;



INTERNET TECHNOLOGY AND WEB DESIGN

R.K. Jain

ISBN: 9789380016627

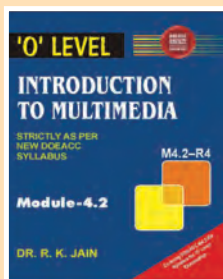
Pages: 370

Year: 2018

Language: English

CONTENTS:

Chapter 1: Introduction to Internet;
Chapter 2: TCP/IP-Internet Technology and Protocol;
Chapter 3: Internet Connectivity;
Chapter 4: Internet Network;
Chapter 5: Services on Internet;
Chapter 6: Electronic Mail;
Chapter 7: Current Trends on Internet;
Chapter 8: Web Publishing and Browsing;
Chapter 9: HTML Programming Basics;
Chapter 10: Interactivity Tools;
Chapter 11: Internet Security Management Concepts



INTRODUCTION TO MULTIMEDIA

R.K. Jain

ISBN: 9789380016672

Pages: 312

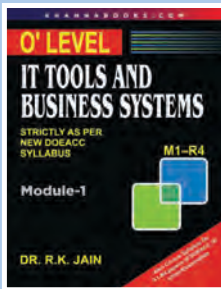
Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction to Multimedia;
Chapter 2: Computer Fonts and Hypertext;
Chapter 3: Audio Fundamentals and Representations;
Chapter 4: Image Fundamentals and Representations;
Chapter 5: Video and Animation;
Chapter 6: Multimedia Authoring;
Chapter 7: HTML Basics

DOEACC BOOKS



IT TOOLS AND BUSINESS SYSTEMS

R.K. Jain

ISBN: 9789380016610

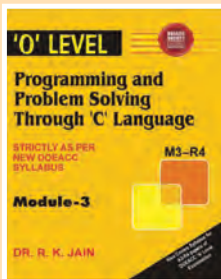
Pages: 352

Year: 2024

Language: English

CONTENTS:

Chapter 1: Computer Appreciation;
Chapter 2: Computer Organization;
Chapter 3: Input and Output Devices;
Chapter 4: Multimedia and other Software;
Chapter 5: Operating System Microsoft Windows;
Chapter 6: Linux Operating System;
Chapter 7: Word Processing;
Chapter 8: Spreadsheets;
Chapter 9: Presentations;
Chapter 10: Databases;
Chapter 11: Information Technology and Society



PROGRAMMING & PROBLEM SOLVING THROUGH 'C' LANGUAGE

R.K. Jain

ISBN: 9789380016641

Pages: 386

Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction to Programming;
Chapter 2: Algorithms for Problem Solving;
Chapter 3: Introduction to 'C' Language;
Chapter 4: Conditional Statements and Loops;
Chapter 5: Arrays;
Chapter 6: Functions;
Chapter 7: Storage Classes;
Chapter 8: Structures and Unions;
Chapter 9: Pointers;
Chapter 10: Self Referential Structures and Linked Lists;
Chapter 11: File Processing

EDUCATION AND KNOWLEDGE SYSTEMS



BUILDING A FUTURE READY INDIA

T.G. Sitharam

ISBN: 9789355387516

Pages: 88

Year: 2024

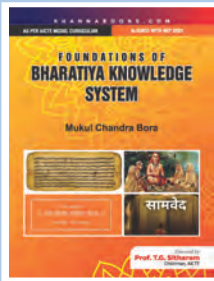
Language: English

CONTENTS:

- Chapter 1:** Executive Summary.
- Chapter 2:** Importance of Technical Education
- Chapter 3:** Overview of Growth of Technical Education in India
- Chapter 4:** Vision for Technical Education in India by 2047.
- Chapter 5:** Challenges Faced in Technical Education & How to Overcome Them
- Chapter 6:** Impact of Technical Education on Achievement of SDG Goals
- Chapter 7:** Enhancing Role of Govt. & Technical Education in Nation Building.
- Chapter 8:** Best Practices in Technical Education from Around the World.
- Chapter 9:** Need for Curriculum Reform & Building Robust Research Ecosystem
- Chapter 10:** Enhancing Quality of Technical Education through Accreditation and Quality Assurance
- Chapter 11:** Attracting and Retaining Talented Faculty for Technical Education
- Chapter 12:** Developing Skilled & Job-Ready Workforce through Technical Education
- Chapter 13:** Addressing Issues of Equity, Diversity, and Inclusion in Technical Education.
- Chapter 14:** Leveraging Technology to Enhance Teaching and Learning in Technical Education
- Chapter 15:** Importance of Industry-Academia Collaboration in Technical Education.
- Chapter 16:** Promoting Entrepreneurship and Start-up Culture through Technical Education
- Chapter 17:** Building a Global Reputation for Technical Education in India.

...

EDUCATION AND KNOWLEDGE SYSTEMS



FOUNDATIONS OF BHARATIYA KNOWLEDGE SYSTEM

Mukul Chandra Bora

ISBN: 9789355381972

Pages: 300

Year: 2024

Language: English

CONTENTS:

Chapter 1: Brief Introduction of Bharatvarsha.

Chapter 2: Introduction to Science In Vedic Literature.

Chapter 3: Vedic Period Of Bharat.

Chapter 4: History of Sanskrit Literature.

Chapter 5: Introduction to Rigveda.

Chapter 6: Rigvedic Society of Bharat.

Chapter 7: Introduction to Atharvaveda.

Chapter 8: Introduction to Samaveda.

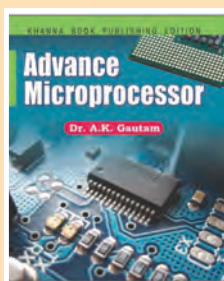
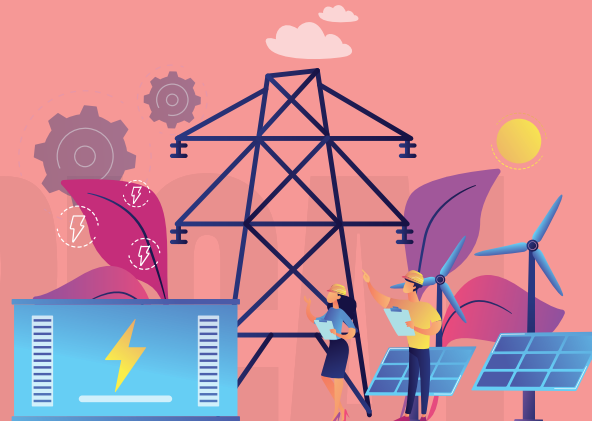
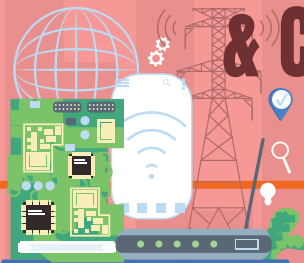
Chapter 9: The Brahmanas and Upanishads.

Chapter 10: Scientific Evidence of Sanskrit Literature.

Chapter 11: Great Learning Places of Ancient Bharat.

Chapter 12: Glimpses of Ancient Bharatiya Knowledge in Modern World.

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ADVANCE MICROPROCESSOR

AICTE RECOMMENDED

A.K. Gautam

ISBN: 9789381068922

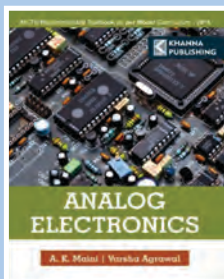
Pages: 424

Year: 2021

Language: English

CONTENTS:

Chapter 1: Introduction To Microprocessors;
Chapter 2: The 8085 Microprocessor;
Chapter 3: Architecture And Addressing Modes of The 16 bit 8086 Microprocessor;
Chapter 4: The 8086/8088 Microprocessor CPU Module Design;
Chapter 5: Assembly Language Programming;
Chapter 6: Data Movement Instructions;
Chapter 7: Arithmetic And Logic Instructions;
Chapter 8: Program Control And Processor Control Instructions;
Chapter 9: The 8087 Arithmetic Coprocessor;
Chapter 10: Support Peripheral Devices;
Chapter 11: 8086 Interrupt Structure Memory Interfacing And Modules;
Chapter 12: The 8051 Micro Controller;
Chapter 13: D/A and A/D Converters



ANALOG ELECTRONICS

AICTE RECOMMENDED

A.K. Maini, Varsha Agrawal

ISBN: 9789386173584

Pages: 664

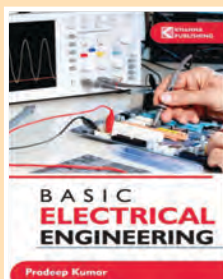
Year: 2022

Language: English

CONTENTS:

Chapter 1: Semiconductor Diodes- Fundamentals, Types and Circuits;
Chapter 2: Bipolar Junction Transistor;
Chapter 3: Field- Effect Transistors;
Chapter 4: Small Signal Analysis of Amplifiers;
Chapter 5: Multistage Amplifiers;
Chapter 6: Large Signal Amplifiers;
Chapter 7: Feedback Amplifiers;
Chapter 8: Oscillators- Sinusoidal and Non-Sinusoidal;
Chapter 9: Introduction to Operational Amplifiers;
Chapter 10: Opamp Circuits;
Chapter 11: Digital-to-Analog and Analog-to-Digital Converters;
Chapter 12: Switched Capacitor Circuits

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



BASIC ELECTRICAL ENGINEERING

Pradeep Kumar

ISBN: 9789380016320

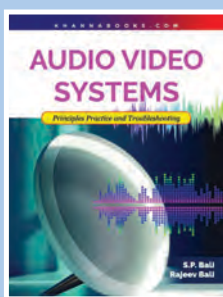
Pages: 356

Year: 2016

Language: English

CONTENTS:

Chapter 1: Fundamental of Electric Circuits;
Chapter 2: Network Theorem;
Chapter 3: Steady State Analysis of Single Phase Ac Circuit;
Chapter 4: Complex Number;
Chapter 5: Three Phase System;
Chapter 6: Magnetic Circuits;
Chapter 7: Transformers;
Chapter 8: Electric Machines;
Chapter 9: Measuring Instruments;
Chapter 10: Introduction to Power System



AUDIO VIDEO SYSTEMS

AICTE RECOMMENDED

S.P. Bali, Rajeev Bali

ISBN: 9788187522058

Pages: 600

Year: 2024

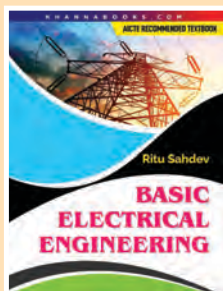
Language: English

CONTENTS:

Chapter 1: Wave Motion;
Chapter 2: Vibrations of Strings and Columns;
Chapter 3: Hearing;
Chapter 4: Speech Music and Noise;
Chapter 5: Microphones;
Chapter 6: Headphones;
Chapter 7: Loudspeakers;
Chapter 8: Speakers Baffles and Enclosures;
Chapter 9: Mono Stereo and Quad;
Chapter 10: Acoustics;
Chapter 11: Disc Recording and Reproduction;
Chapter 12: Sources of Distortion in Disc Equipment;
Chapter 13: Magnetic Recording and Reproductions;
Chapter 14: Sources of Distortion in Tape Equipment;
Chapter 15: Amplifying Systems;
Chapter 16: Noise Reduction Systems;
Chapter 17: Recorder/Amplifier Circuits;
Chapter 18: Electronic Music Synthesizers;
Chapter 19: Optical Recording and Reproduction;
Chapter 20: Commercial Sound;
Chapter 21: Audio Systems;
Chapter 22: Monochrome TV Standards and Systems
Chapter 23: Colour TV Standards and Systems;
Chapter 24: Monochrome and Colour Television Controls
Chapter 25: Video Tape Recording and Reproduction
Chapter 26: Video Disc Recording and Playback;
Chapter 27: Theatre Sound System;
Chapter 28: Video Systems;

...

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



BASIC ELECTRICAL ENGINEERING

AICTE RECOMMENDED

Ritu Sahdev

ISBN: 9789386173492

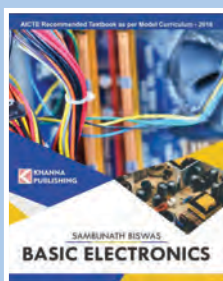
Pages: 324

Year: 2024

Language: English

CONTENTS:

Chapter 1: DC Circuits;
Chapter 2: AC Circuits;
Chapter 3: Transformers;
Chapter 4: Electrical Machines;
Chapter 5: Power Converters;
Chapter 6: Electrical Installations



BASIC ELECTRONICS

AICTE RECOMMENDED

S. Biswas

ISBN: 9788187522164

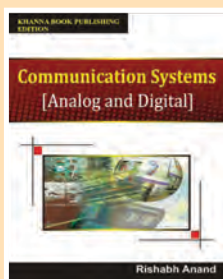
Pages: 490

Year: 2023

Language: English

CONTENTS:

Chapter 1: Introduction to Electronics;
Chapter 2: Fundamental Concepts: Energy Bands in Solid;
Chapter 3: Semiconductor Diodes and Miscellaneous Devices;
Chapter 4: Bipolar Junction Transistors;
Chapter 5: Bipolar Transistor Biasing;
Chapter 6: Single Stage BJT Amplifiers;
Chapter 7: Field Effect Transistors;
Chapter 8: Power Amplifiers;
Chapter 9: Frequency Response of Amplifiers;
Chapter 10: Feedback in Amplifiers;
Chapter 11: Oscillators and Multivibrators;
Chapter 12: Modulation and Demodulation;
Chapter 13: Integrated Circuits;
Chapter 14: Operational Amplifiers;
Chapter 15: Television



COMMUNICATION SYSTEMS

Rishabh Anand

ISBN: 9789381068342

Pages: 1100

Year: 2011

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Signal Analysis and Transmission;
Chapter 3: Amplitude(Linear) Modulation;
Chapter 4: Angle Modulation;
Chapter 5: Probability Theory, Random Variables and Process;
Chapter 6: Noise;
Chapter 7: Performance of Communication System;
Chapter 8: Sampling Theory and Pulse Modulation;
Chapter 9: Waveform Coding Techniques;
Chapter 10: Digital Modulation Techniques;
Chapter 11: Introduction to Information Theory;
Chapter 12: Digital Band Transmission;
Chapter 13: Error Control Coding;
Chapter 14: Digital Multiplexers

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



CONTROL SYSTEM

AICTE RECOMMENDED

A. Ambikapathy

ISBN: 9789380016948

Pages: 788

Year: 2019

Edition: Second

Language: English

CONTENTS:

Chapter 1: Basics of Control System;

Chapter 2: Time Domain Analysis;

Chapter 3: Concept of Stability;

Chapter 4: Correlation;

Chapter 5: Compensators Design



DIGITAL ELECTRONICS

AICTE RECOMMENDED

Rishabh Anand

ISBN: 9789382609445

Pages: 736

Year: 2021

Edition: Second

Language: English

CONTENTS:

Chapter 1: Number System And Codes;

Chapter 2: Boolean Algebra And Minimization Techniques;

Chapter 3: Logic Gates;

Chapter 4: Logic Families;

Chapter 5: Arithmetic Circuits;

Chapter 6: Combinational Circuits;

Chapter 7: Flip-Flops;

Chapter 8: Counters;

Chapter 9: Registers;

Chapter 10: Memory And Programmable Logic Devices;

Chapter 11: Synchronous Sequential Circuits;

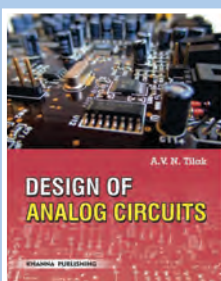
Chapter 12: Asynchronous Sequential Circuits;

Chapter 13: D/A And A/D Converters;

Chapter 14: Clock Generators;

Chapter 15: Applications Of Digital Circuits;

Chapter 16: HDL For Digital Circuits



DESIGN OF ANALOG CIRCUITS

A. V. N. Tilak

AICTE RECOMMENDED

ISBN: 9789391505004

Pages: 224

Year: 2024

Language: English

CONTENTS:

Chapter 1: Diode Circuits;

Chapter 2: MOSFET Circuits;

Chapter 3: BJT Circuits;

Chapter 4: Circuits Using Operational Amplifiers and Linear ICs;

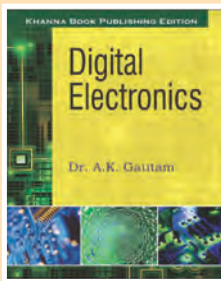
Chapter 5: Appendix A: Diodes Datasheets;

Chapter 6: Appendix B: MOSFET Datasheet;

Chapter 7: Appendix C: BJTs Datasheets;

Chapter 8: Appendix D: Op-amps and Linear ICs Datasheets

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



DIGITAL ELECTRONICS

A.K. Gautam

ISBN: 9789381068915

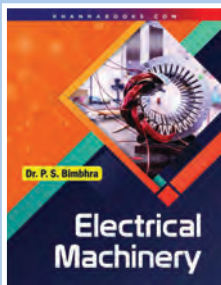
Pages: 608

Year: 2013

Language: English

CONTENTS:

Chapter 1: Number Systems & Computer Codes
Chapter 2: Boolean Algebra and Logic Gates;
Chapter 3: Simplification of Boolean Functions;
Chapter 4: Combinational Logic Circuits;
Chapter 5: Sequential Logic Circuits;
Chapter 6: Shift Registers;
Chapter 7: Counters;
Chapter 8: Memories;
Chapter 9: Asynchronous Sequential Circuits;
Chapter 10: Logic Families;
Chapter 11: D/A and A/D Converters;
Chapter 12: Hazards and Fault Detection



ELECTRICAL MACHINERY

AICTE RECOMMENDED

P.S. Bimbhra

ISBN: 9789389139105

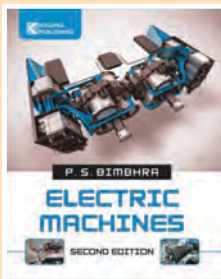
Pages: 1084

Year: 2021

Language: English

CONTENTS:

Chapter 0: Basic Principles of Electrical Machines;
Chapter 1: Transformers;
Chapter 2: Electromechanical Energy Conversion Principles;
Chapter 3: Basic Concepts of Rotating Electrical Machines;
Chapter 4: D.C. Machines;
Chapter 5: Polyphase Synchronous Machines;
Chapter 6: Polyphase Induction Motors;
Chapter 7: Armature windings



ELECTRIC MACHINES

AICTE RECOMMENDED

P.S. Bimbhra

ISBN: 9789386173294

Pages: 488

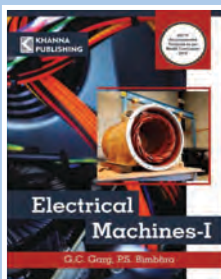
Year: 2022

Edition: Second

Language: English

CONTENTS:

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



ELECTRICAL MACHINES-I

AICTE RECOMMENDED

G.C. Garg, P.S. Bimbhra

ISBN: 9789386173447

Pages: 480

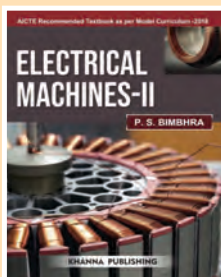
Year: 2021

Language: English

CONTENTS:

Chapter 1: Magnetic Fields and Magnetic Circuits;
Chapter 2: Electromagnetic Force and Torque;
Chapter 3: The Direct Current Machines;
Chapter 4: DC Machine-Motoring and Generation;
Chapter 5: Transformers

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRICAL MACHINES-II

AICTE RECOMMENDED

P.S. Bimbhra

ISBN: 9789386173607

Pages: 400

Year: 2021

Language: English

CONTENTS:

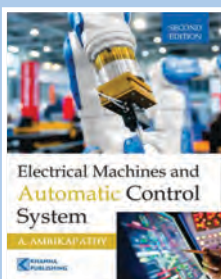
Chapter 1: Fundamentals of AC machine windings;

Chapter 2: Pulsating and revolving magnetic Fields;

Chapter 3: Induction Machines;

Chapter 4: Single- Phase Induction motors;

Chapter 5: Synchronous machines



ELECTRICAL MACHINES AND AUTOMATIC CONTROL SYSTEM

A. Ambikapathy

ISBN: 9789382609797

Pages: 566

Year: 2021

Edition: Second

Language: English

CONTENTS:

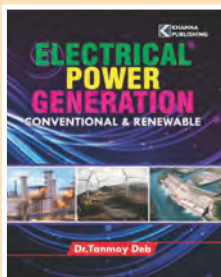
Chapter 1: Single Phase Transformer;

Chapter 2: Three Phase Induction Motor;

Chapter 3: Control System;

Chapter 4: Time Response Analysis;

Chapter 5: Root Locus Technique



ELECTRICAL POWER GENERATION

AICTE RECOMMENDED

Tanmoy Deb

ISBN: 9789386173379

Pages: 584

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction to Power Generation;

Chapter 2: Economic Operations Power Plants;

Chapter 3: Thermal Power Generation;

Chapter 4: Hydro Electric Power Generation;

Chapter 5: Nuclear Power Generation;

Chapter 6: Gas Turbine Based Power Generation;

Chapter 7: Diesel Based Power Generation;

Chapter 8: Solar Thermal and Photovoltaic Power Generation;

Chapter 9: Wind Power Generation;

Chapter 10: Bio-Mass Power Generation;

Chapter 11: Geothermal Power Generation;

Chapter 12: Ocean Thermal, Tidal and Wave Power Generation;

Chapter 13: Thermal Power Generation;

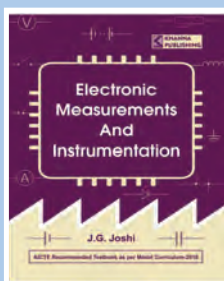
Chapter 14: Thermo-Electric, Thermionic and Small Hydro Power Generation;

Chapter 15: Co-ordinated operation of Power Plants;

Chapter 16: Electrical Energy Conservation;

Chapter 17: Substation

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRONICS MEASUREMENT & INSTRUMENTATION

AICTE RECOMMENDED

J.G. Joshi

ISBN: 9789386173621

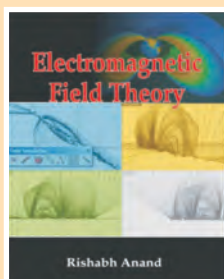
Pages: 354

Year: 2024

Language: English

CONTENTS:

Chapter 1: Qualities of Measurements;
Chapter 2: Measuring Instruments;
Chapter 3: Transducers;
Chapter 4: Measurement Systems(Part-I);
Chapter 5: Measurement Systems(Part-II);
Chapter 6: Signal Conditioning Devices;
Chapter 7: Data Acquisitions systems(DAS);
Chapter 8: Recorders and Display Devices;
Chapter 9: Process Control



ELECTROMAGNETIC FIELD THEORY

Rishabh Anand

ISBN: 9789380016160

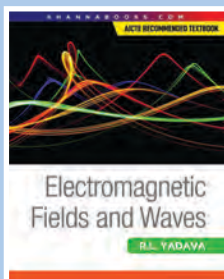
Pages: 755

Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction to EM Theory and Necessary Mathematics and Constants;
Chapter 2: Vector Analysis;
Chapter 3: Electrostatic Fields;
Chapter 4: Steady Magnetic Fields;
Chapter 5: Maxwell Equations;
Chapter 6: Electromagnetic Field and Waves;
Chapter 7: Transmission Lines;
Chapter 8: Wave Guides



ELECTROMAGNETIC FIELDS AND WAVES

AICTE RECOMMENDED

R.L. Yadava

ISBN: 9789386173546

Pages: 416

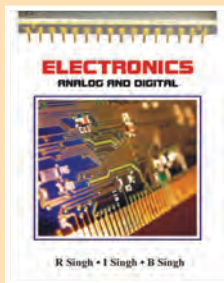
Year: 2021

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Vector Analysis and Coordinate System;
Chapter 3: Electrostatic Fields;
Chapter 4: Magnetic Static Fields;
Chapter 5: Maxwell's Equations and Uniform Plane Wave;
Chapter 6: Electromagnetic Waves and Flow of Power;
Chapter 7: Transmission Lines;
Chapter 8: Broadband Impedance Matching;
Chapter 9: Waveguides;
Chapter 10: Principle of Radiation and Antennas;
Chapter 11: Electromagnetic Interference and Compactibility;
Chapter 12: Solved Examples;
Chapter 13: Objective Question Bank;
Chapter 14: Objective Questions Test Series;

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRONICS ANALOG AND DIGITAL

R. Singh, I. Singh, B. Singh

ISBN: 9789380016955

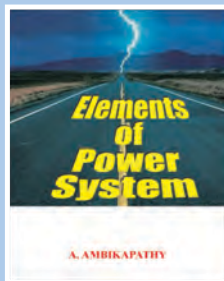
Pages: 676

Year: 2010

Language: English

CONTENTS:

Chapter 1: Introduction to Electronics;
Chapter 2: Semiconductor Physics;
Chapter 3: Semiconductor Diodes;
Chapter 4: Rectifiers;
Chapter 5: Transistor;
Chapter 6: JFET and MOSFET;
Chapter 7: Network Theorems and Amplifiers;
Chapter 8: H-Parameters and Transformations;
Chapter 9: Number System and Codes;
Chapter 10: Logic Gates;
Chapter 11: Boolean Algebra;
Chapter 12: Karnaugh Maps;
Chapter 13: Error Detection and Correction Codes;
Chapter 14: Combinational Circuits;
Chapter 15: Flip Flops and Timing Circuits;
Chapter 16: Counters;
Chapter 17: Registers;
Chapter 18: Semiconductor Memories;
Chapter 19: ADC DAC and Interfacing;
Chapter 20: Logic Families



ELEMENTS OF POWER SYSTEM

A. Ambikapathy

ISBN: 9789380016931

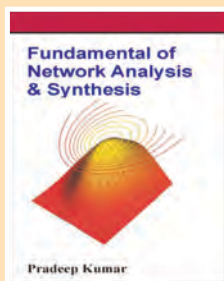
Pages: 260

Year: 2010

Language: English

CONTENTS:

Chapter 1: Power System Components;
Chapter 2: Overhead Transmission Lines;
Chapter 3: Corona Interference;
Chapter 4: Mechanical Design of Transmission Line;
Chapter 5: Neutral Grounding
Question and Answers
Review Questions



FUNDAMENTAL OF NETWORK ANALYSIS & SYNTHESIS

Pradeep Kumar

ISBN: 9789380016429

Pages: 532

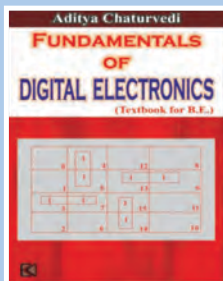
Year: 2014

Language: English

CONTENTS:

Chapter 1: Signals and Systems;
Chapter 2: Waveforms and Signals;
Chapter 3: Network Analysis-1;
Chapter 4: Introduction to Laplace Transformation;
Chapter 5: Network Analysis-II;
Chapter 6: Amplitude and Phase Response;
Chapter 7: Two Port Network;
Chapter 8: Network Function;
Chapter 9: Positive Real Function;
Chapter 10: Driving Point Synthesis;
Chapter 11: Elements of Transfer Function Synthesis;
Chapter 12: Active Network Synthesis

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



FUNDAMENTALS OF DIGITAL ELECTRONICS

Aditya Chaturvedi

ISBN: 9788187325734

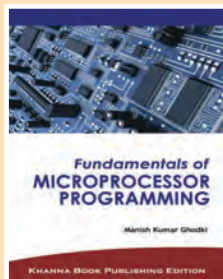
Pages: 364

Year: 2016

Language: English

CONTENTS:

Chapter 1: Number System;
Chapter 2: Binary Codes;
Chapter 3: Radix Arithmetic;
Chapter 4: Basic Logic Gates;
Chapter 5: Boolean Algebra;
Chapter 6: Simplification;
Chapter 7: Arithmetic Circuits;
Chapter 8: Multiplexer;
Chapter 9: Decoders;
Chapter 10: Encoders;
Chapter 11: Sequential Circuits;
Chapter 12: Counters and Registers;
Chapter 13: Analysis of Sequential Circuits;
Chapter 14: Hazards;
Chapter 15: Logic Families;
Chapter 16: ADC/DAC: Solved Questions-Answers



FUNDAMENTALS OF MICROPROCESSOR PROGRAMMING

Mansih Kumar Ghodki

ISBN: 9789382609179

Pages: 304

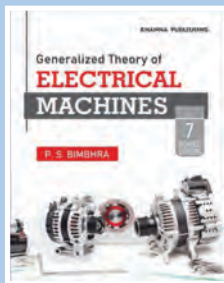
Year: 2013

Language: English

CONTENTS:

Chapter 1: Digital Number System;
Chapter 2: Digital Coding System;
Chapter 3: Arithmetic Of Digital Number & Coding System;
Chapter 4: Introduction To Microprocessor;
Chapter 5: Introduction To Microcomputer;
Chapter 6: 8085 Microprocessor Instruction;
Chapter 7: 8085 Microprocessor Flags;
Chapter 8: Working Examples Of 8085 Microprocessor Instructions;
Chapter 9: Introduction To 8085 Programming Language;
Chapter 10: Programming Tools Techniques & Modelling;
Chapter 11: Programming Methods;
Chapter 12: Assembly Language Programming of 8085 Microprocessor;
Chapter 13: Timing Diagrams of 8085 Micro-Processor;
Chapter 14: 8085 Microprocessor T- state & Machine Cycles;
Chapter 15: 8085 Microprocessor Instruction Set (Alphabetically);
Chapter 16: 8085 Microprocessor Instruction Set (Hex Code Wise)

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



GENERALIZED THEORY OF **ELECTRICAL MACHINES**

AICTE RECOMMENDED

P.S. Bimbhra

ISBN: 9789391505080

Pages: 120

Year: 2021

Edition: Seventh

Language: English

CONTENTS:

Chapter 1: Elements Of Generalized Theory;
Chapter 2: Liner Transformations In Machines;
Chapter 3: D.c. Machines;
Chapter 4: Polyphase Synchronous Machines;
Chapter 5: Polyphase Induction Machines;
Chapter 6: Single Phase Motors;
Chapter 7: A.C. Commutator Machines;
Chapter 8: Transformers;
Chapter 9: Special Machines



HANDBOOK OF **SENSORS TECHNOLOGY**

Sabrie Soloman

ISBN: 9789355389497

Pages: 1000

Year: 2025

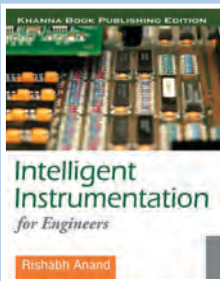
Language: English

CONTENTS:

Chapter 1: Types and Classifications of Sensors and Control Systems
Chapter 2: Fiber Optics in Sensors and Control Systems
Chapter 3: Networking of Sensors and Control Systems in Manufacturing
Chapter 4: The Role of Sensors and Control Technology in Computer-Integrated Manufacturing
Chapter 5: Advanced Sensor Technology in Precision Manufacturing Applications
Chapter 6: Industrial Sensors and Control
Chapter 7: Sensors in Flexible Manufacturing Systems
Chapter 8: Communications
Chapter 9: MEMS Applications in Energy Management
Chapter 10: The NANO/MEMS Program
Chapter 11: MEMS in the Medical Industry
Chapter 12: MEMS: Current and Future Technology?
Chapter 13: MEMS Advanced Research and Development
Chapter 14: Functional Integration of Microsystems in Silicon
Chapter 15: Automotive Applications of Microelectromechanical Systems (MEMS)
Chapter 16: A Brief Study of Magnetism and Magnetic Sensors
Chapter 17: The Fundamentals and Value of Infrared Thermometry
Chapter 18: GMR: The Next Generation of Magnetic Field Sensors

...

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



INTELLIGENT INSTRUMENTATION FOR ENGINEERS

Rishabh Anand

ISBN: 9789381068854

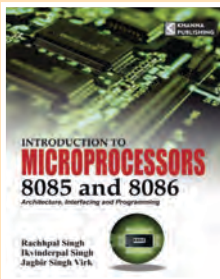
Pages: 368

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Interfacing Instruments and Computers;
Chapter 3: Instrumentation Computer Networks;
Chapter 4: Software Filters



INTRODUCTION TO MICROPROCESSORS 8085 AND 8086

Rachhpal Singh,
Ikvinderpal Singh

ISBN: 9789380016573

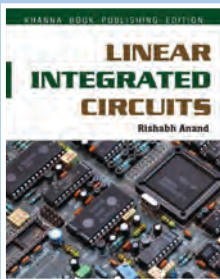
Pages: 474

Year: 2021

Language: English

CONTENTS:

Chapter 1: 8085 Microprocessors;
Chapter 2: 8085 Instruction Classification;
Chapter 3: 8086 Microprocessor;
Chapter 4: 8086 Instruction Set;
Chapter 5: Assembly Language;
Chapter 6: 8237 DMA Controller;
Chapter 7: 8255 Programmable Peripheral Interface;
Chapter 8: 8253/8254 Programmable Timer/Counter;
Chapter 9: 8259 Programmable Interrupt Controller;
Chapter 10: 8251 USART;
Chapter 11: RS232C



LINEAR INTEGRATED CIRCUITS

Rishabh Anand

ISBN: 9789381068939

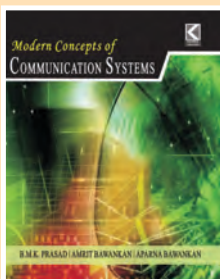
Pages: 616

Year: 2021

Language: English

CONTENTS:

Chapter 1: Integrated Circuit Fabrication;
Chapter 2: Differential Amplifiers;
Chapter 3: Operational Amplifier and Its Characteristics;
Chapter 4: Operational Amplifier Applications;
Chapter 5: Active Filters;
Chapter 6: Phase Locked Loop;
Chapter 7: D-A And A-D Converters;
Chapter 8: Waveform Generators;
Chapter 9: 555 Timer



MODERN CONCEPTS OF COMMUNICATION SYSTEMS

B.M.K. Prasad

ISBN: 9789382609506

Pages: 420

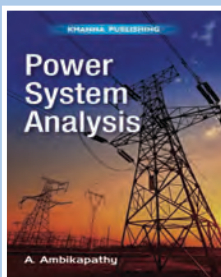
Year: 2014

Language: English

CONTENTS:

Chapter 1: Communication Systems;
Chapter 2: Amplitude Modulation;
Chapter 3: Angle Modulation;
Chapter 4: Signal Analysis;
Chapter 5: Noise;
Chapter 6: Pulse Modulation;
Chapter 7: Digital Modulation

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



POWER SYSTEM ANALYSIS

AICTE RECOMMENDED

A. Ambikapathy

ISBN: 9789380016818

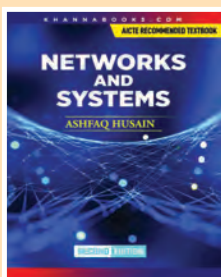
Pages: 292

Year: 2021

Language: English

CONTENTS:

Chapter 1: Representation of Power System Components;
Chapter 2: Unsymmetrical Fault Analysis;
Chapter 3: Load Flows;
Chapter 4: Power System Stability;
Chapter 5: Traveling Waves



NETWORKS AND SYSTEMS

AICTE RECOMMENDED

Ashfaq Husain

ISBN: 9788187522089

Pages: 1170

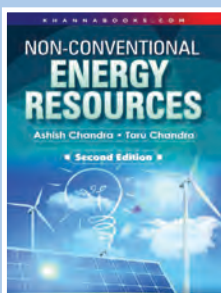
Year: 2023

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introductory;
Chapter 2: Circuit Elements;
Chapter 3: Signal Wave forms;
Chapter 4: Kirchhoff's Laws and Equivalent Networks
Chapter 5: Sinusoids and Phasors;
Chapter 6: Single-Phase Series AC Circuits;
Chapter 7: Single-Phase Parallel and Series-Parallel AC Circuits;
Chapter 8: Resonance;
Chapter 9: Three-Phase Circuits;
Chapter 10: Laplace transform Analysis;
Chapter 11: Mesh and Nodal Analysis;
Chapter 12: Network Theorems;
Chapter 13: Network Graph Theory;
Chapter 14: Circuit Transients;
Chapter 15: State Variable Analysis;
Chapter 16: Two-Port Networks;
Chapter 17: Coupled Elements and Circuits;
Chapter 18: Network Functions;
Chapter 19: Fourier Series;
Chapter 20: Fourier Transform;
Chapter 21: Passive Network Synthesis



NON-CONVENTIONAL ENERGY RESOURCES

**Ashish Chandra,
Taru Chandra**

ISBN: 9789382609827

Pages: 336

Year: 2023

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction to Non-conventional Sources of Energy;
Chapter 2: Photovoltaic Solar Systems;
Chapter 3: Solar Radiations and its Measurement;
Chapter 4: Solar Collectors;
Chapter 5: Solar Thermal Energy Storage;
Chapter 6: Solar Thermal Power;
Chapter 7: Geothermal Energy;
Chapter 8: Magneto-hydro-dynamic(MHD) Power Generation;
Chapter 9: Fuel Cells;

...

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



POWER ELECTRONICS & ITS APPLICATIONS

**Madhukar Waware,
D. S. More, Abhay Wagh,
Vijay Mohale**

ISBN: 9789355380425

Pages: 296

Year: 2022

Language: English

CONTENTS:

Chapter 1: Introduction to power Electronics;
Chapter 2: Power Electronic Devices;
Chapter 3: AC to DC Converters;
Chapter 4: DC to DC Converter;
Chapter 5: PWM Inverter;
Chapter 6: Resonant Pulse Converter;
Chapter 7: Power Quality;
Chapter 8: High Power Factor Converters;
Chapter 9: Multilevel Inverters;
Chapter 10: Active Power Filter



POWER ELECTRONICS

AICTE RECOMMENDED

P.S. Bimbhra

ISBN: 9788195123124

Pages: 1004

Year: 2022

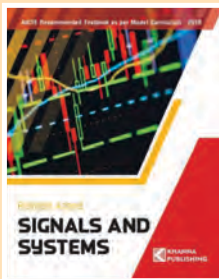
Edition: Seventh

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Power Semiconductor Diodes and Diode Circuits;
Chapter 3: Diode Rectifiers;
Chapter 4: Power Transistors;
Chapter 5: Thyristors;
Chapter 6: Phase Controlled Rectifiers;
Chapter 7: DC Choppers;
Chapter 8: Inverters;
Chapter 9: AC Voltage Controllers;
Chapter 10: Cycloconverters;
Chapter 11: Some Applications;
Chapter 12: Electric Drives;

...



SIGNALS AND SYSTEMS

AICTE RECOMMENDED

Rishabh Anand

ISBN: 9789386173539

Pages: 716

Year: 2019

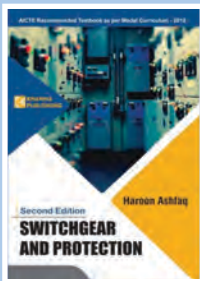
Language: English

CONTENTS:

Chapter 1: Introduction to Signals and Systems;
Chapter 2: Linear Time invariant Continuous-Time and Discrete-time Systems;
Chapter 3: Fourier Series of Continuous-Time Signals or Continuous-Time Fourier Series(CTFS);
Chapter 4: Discrete-Time Fourier Series (DTFS);
Chapter 5: Continuous-Time Fourier Transform (CTFT);
Chapter 6: The Discrete-Time Fourier Transform (DTFT);
Chapter 7: The Discrete Fourier Transform (DFT);
Chapter 8: Fast Fourier Transform (FFT) Algorithms;
Chapter 9: The Laplace Transform;
Chapter 10: z-Transform;

...

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



SWITCHGEAR AND PROTECTION

AICTE RECOMMENDED

Haroon Ashfaq

ISBN: 9789380016078

Pages: 244

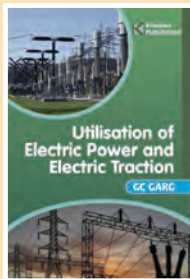
Edition: Second

Year: 2021

Language: English

CONTENTS:

Chapter 1: Protection Systems;
Chapter 2: Electromagnetic & Electro-Thermal Relays;
Chapter 3: Static Relays;
Chapter 4: Over Current Protection;
Chapter 5: Distance Protection;
Chapter 6: Transformer Protection;
Chapter 7: Generator and Motor Protection;
Chapter 8: Transmission Line and Busbar Protection;
Chapter 9: System Neutral Grounding;
Chapter 10: Over voltage Protection;
Chapter 11: Circuit Breaking;
Chapter 12: Circuit Breakers



UTILISATION OF ELECTRIC POWER AND ELECTRIC TRACTION

AICTE RECOMMENDED

G.C. Garg

ISBN: 9789386173355

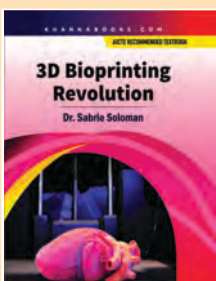
Pages: 1280

Year: 2022

Language: English

CONTENTS:

Chapter 1: Industrial Utilization;
Chapter 2: Control of Industrial Motors;
Chapter 3: Electric Heating;
Chapter 4: Electric Welding;
Chapter 5: Illumination;
Chapter 6: Electrolytic Process;
Chapter 7: Refrigeration and Air Conditioning;
Chapter 8: Electric Traction;
Chapter 9: Economic Aspects;
Chapter 10: Objective Type Questions of Industrial Utilisation



3D BIOPRINTING REVOLUTION

AICTE RECOMMENDED

Sabrie Soloman

ISBN: 9789389139167

Pages: 340

Year: 2023

Language: English

CONTENTS:

Chapter 1: 3D Bio-Printing Technology

Chapter 2: The Bioprinting Revolution

Chapter 3: Additive Bio-Manufacturing

Chapter 4: Organ Printing

Chapter 5: 3D Printing Scaffolds

Chapter 6: 3D Bioprinting Regenerative
Medicine

Chapter 7: Rapid Prototyping - 3D Bioprinting
Orthopedics

Chapter 8: The Digital Revolution - 3D
Bioprinting Bio-manufacturing

Chapter 9: Organ Printing - Discovering Novel
Treatments and Drugs

Chapter 10: 3D Bioprinting Innovative Design



3D PRINTING AND DESIGN

AICTE RECOMMENDED

Sabrie Soloman

ISBN: 9789389139174

Pages: 440

Year: 2023

Language: English

CONTENTS:

Chapter 1: Digital Manufacturing

Chapter 2: Digital Design for 3D Printing

Chapter 3: Fundamentals of Additive
Manufacturing

Chapter 4: Design for 3D Printing

Chapter 5: 3D Printing Designing Through
Binder Jetting;

Chapter 6: Accelerate Design Cycles Design
Verification Lowering

Chapter 7: Evolving 3D Printing

Chapter 8: 3D Printing & Design in
Healthcare, Food;

Chapter 9: Additive Manufacturing

Chapter 10: The Impact of Additive
Manufacturing on the Integral
Economy

EMERGING TECHNOLOGIES



ADVANCED ROBOTICS DESIGN & APPLICATIONS

Sabrie Soloman

ISBN: 9789355382009

Pages: 280

Year: 2024

Language: English

CONTENTS:

Chapter 1: Advanced Robot Technology Application and Design;
Chapter 2: Robot Manipulator Design;
Chapter 3: Advanced Robotic Applications in Manufacturing;
Chapter 4: Actuators and Control Systems;
Chapter 5: Robot Mechanism;
Chapter 6: Geometry of Motion;
Chapter 7: Mathematical Differential Motion;
Chapter 8: Robotic Force and Moments;
Chapter 9: Applied Forces and Energy;
Chapter 10: Humanoid Robots – Factory of the Future



INTRODUCTION TO AI AND MACHINE LEARNING

**M.C. Trivedi,
Ankit Srivastava**

ISBN: 9789355386885

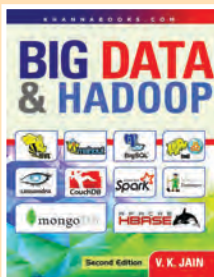
Pages: 320

Year: 2024

Language: English

CONTENTS:

Chapter 1: Artificial Intelligence;
Chapter 2: Module 2 (Idea of Machine Learning);
Chapter 3: Module 3 Linear Regression;
Chapter 4: Module 4 (Logistic Regression);
Chapter 5: Module 5 (Discussion on clustering)



BIG DATA & HADOOP **AICTE RECOMMENDED**

V.K. Jain

ISBN: 9789382609131

Pages: 656

Year: 2023

Edition: Second

Language: English

CONTENTS:

Chapter 1: Overview of big data
Chapter 2: Basics of hadoop
Chapter 3: Ibm's Infosphere Biginsights
Chapter 4: Hadoop Distributed File System
Chapter 5: No SQL Data Management And Mongodb
Chapter 6: Hbase And Cassandra
Chapter 7: Mapreduce
Chapter 8: JAQL: Json Based Query Language
Chapter 9: Hive: The Data Ware House of Hadoop
Chapter 10: Pig: The Higher Level Programming Environment
Chapter 11: Bigsheets Spreadsheet like Environment
Chapter 12: Bigsheets Workbooks
Chapter 13: Sqoop: Importing Data From Heterogeneous Sources
Chapter 14: Data Stream Mining
Chapter 15: Flume: Big Data Realtime Streaming

...

EMERGING TECHNOLOGIES



BEGINNERS GUIDE FOR DATA ANALYSIS USING R PROGRAMMING

AICTE RECOMMENDED

Jeeva Jose

ISBN: 9789386173454

Pages: 368

Year: 2023

Language: English

CONTENTS:

Chapter 1: Introduction
Chapter 2: Data Types & Operations
Chapter 3: Flow Control
Chapter 4: Functions and Packages
Chapter 5: Charts and Graphs
Chapter 6: Connecting R to External Interfaces
Chapter 7: Elementary Statistics
Chapter 8: Tests of Hypotheses
Chapter 9: Non Parametric Tests
Chapter 10: Analysis of Variance
Chapter 11: Basic Multivariate & Analysis
Chapter 12: Advanced Multivariate Analysis
Chapter 13: Advanced Graphs



BLOCK CHAIN & CRYPTOCURRENCIES

AICTE RECOMMENDED

Anshul Kaushik

ISBN: 9789386173720

Pages: 136

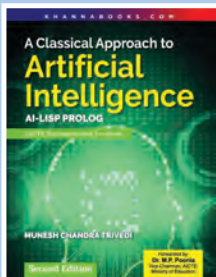
Year: 2024

Edition: Second

Language: English

CONTENTS:

PART ONE: Fundamentals
PART TWO: Block Chain
PART THREE: Bit Coin
PART FOUR: Other Crypto Currencies
PART FIVE: Laws, Legislations & Other Uses
PART SIX: How To's Practical Application
PART SEVEN: Tables & Appendix



A CLASSICAL APPROACH TO ARTIFICIAL INTELLIGENCE

AICTE RECOMMENDED

Munesh Chandra Trivedi

ISBN: 9788190698894

Pages: 540

Edition: Second

Year: 2023

Language: English

CONTENTS:

Chapter 1: Overview of Artificial Intelligence;
Chapter 2: Problem Solving and Search;
Chapter 3: Search Methods;
Chapter 4: Problem Solving in Games
 (Adversarial Search);
Chapter 5: Understanding Natural Languages;
Chapter 7: Knowledge Representation;
Chapter 7: Techniques of Knowledge
 Representation;
Chapter 8: Expert System;
Chapter 9: Pattern Recognition;
Chapter 10: Computer Vision;
Chapter 11: Computer Vision Representations;
Chapter 12: Common Sense;
Chapter 13: Programming Languages

EMERGING TECHNOLOGIES



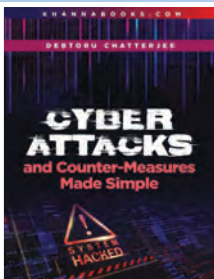
A GLANCE OVER ANDROID WITH KOTLIN Swati Saxena

ISBN: 9789386173812
Pages: 296
Year: 2022
Language: English

CONTENTS:

Chapter 1: Need of Mobile Apps;
Chapter 2: Introduction to Android;
Chapter 4: Deep in Android stack;
Chapter 5: Java for Android;
Chapter 6: Installing the Android SDK and Running on Eclipse;
Chapter 7: Eclipse vs Android Studio;
Chapter 8: Android Devices;
Chapter 9: Android Studio;
Chapter 10: Kotlin for Android;
Chapter 11: Add Kotlin plug-in Android Studio;
Chapter 12: Ingredients of Android Application;
Chapter 13: Android Component
Chapter 14: User Interface and Navigation;
Chapter 15: Notification;
Chapter 16: View-Android Widget;
Chapter 17: Core Topics;
Chapter 18: Thread;
Chapter 19: Drawing 2D and 3D Graphics;
Chapter 20: Android Widgets;

...



CYBER ATTACKS AND COUNTER- MEASURES MADE SIMPLE

AICTE RECOMMENDED

Debturu Chatterjee

ISBN: 9789355380012
Pages: 218
Year: 2023
Language: English

CONTENTS:

Chapter 1: Website Attacks;
Chapter 2: Breaking into Linux Computers;
Chapter 3: File Inclusion Web Attacks;
Chapter 4: File Upload Web Attacks;
Chapter 5: Hacking the Database;
Chapter 6: Targeting the Browser;
Chapter 7: Forensics for Defense;
Chapter 8: Protecting Data in Transit;
Chapter 9: Cyber Preparedness

EMERGING TECHNOLOGIES



CYBER CRIME AND ITS PREVENTION IN EASY STEPS

AICTE RECOMMENDED

Debturu Chatterjee

ISBN: 9789355380746

Pages: 238

Year: 2023

Language: English

CONTENTS:

PART-I

- Chapter 1:** Introduction;
- Chapter 2:** Hijacking the One-Time Password;
- Chapter 3:** Confusing the Watchdog;
- Chapter 4:** Mismatching of Customer Accounts;
- Chapter 5:** Closing Air- Gaps;
- Chapter 6:** Two-Factor Authentication of Micro ATM Devices;
- Chapter 7:** Enforcing Accountability at choke-points;
- Chapter 8:** Electronic Money Laundering;
- Chapter 9:** Hardening Default Configurations;
- Chapter 10:** Fraud in the Call Centre

PART-II

- Chapter 11:** Man in the middle attacks on Banking Devices;
- Chapter 12:** Attack on Android Customer Phones;
- Chapter 13:** Hacking Windows 10 Personal Computers;
- Chapter 14:** The Anatomy of Cyber War;
- Chapter 15:** Inside a Security Operations Centre;
- Chapter 16:** Towards a National Cyber Security Policy



DATA ANALYSIS & VISUALIZATION USING PYTHON

Jeeva Jose, Vijo Mathew

ISBN: 9789355386885

Pages: 400

Year: 2024

Language: English

CONTENTS: IN PRESS



DATA SCIENCE AND DATA ANALYTICS USING PYTHON PROGRAMMING

Jeeva Jose, Vijo Mathew

ISBN: 9789355387967

Pages: 400

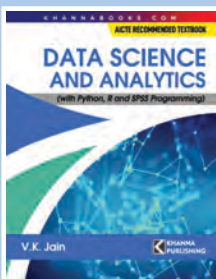
Year: 2025

Language: English

CONTENTS:

- Chapter 1:** Introduction to Data Analytics
- Chapter 2:** Working with Pandas
- Chapter 3:** Exploring DataFrames
- Chapter 4:** Data Cleaning and Preprocessing
- Chapter 5:** Data Visualization Using Matplotlib
- Chapter 6:** Data Visualization Using Seaborn
- Chapter 7:** Introduction to Plotly
- Chapter 8:** Probability Distributions
- Chapter 9:** Parametric Tests
- Chapter 10:** Non-Parametric Tests
- Chapter 11:** ANOVA and Regression

EMERGING TECHNOLOGIES



DATA SCIENCE & ANALYTICS

AICTE RECOMMENDED

V.K. Jain

ISBN: 9789386173676

Pages: 276

Year: 2024

Language: English

CONTENTS:

- Unit-1:** Introduction to Data Science
- Unit-2:** Data Management Using IBM SPSS
- Unit-3:** Data Analysis Using R Programming Language;
- Unit-4:** Data Visualisation
- Unit-5:** Application of Data Science, Technology for Visualisation and Bokeh
- Unit-6:** Recent Trends in Data Science



DATA SCIENCE WITH ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND DEEP LEARNING (SIMPLIFIED Q & A BOOK)

AICTE RECOMMENDED

Rajiv Chopra

ISBN: 9789355380821

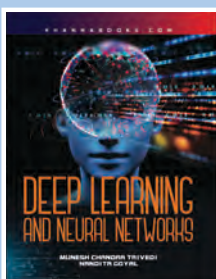
Pages: 754

Year: 2024

Language: English

CONTENTS:

- Unit-I:** Artificial Intelligence Chapter
- Unit-II:** Machine Learning
- UNIT-III:** Deep Learning
- UNIT IV:** Data Science



DEEP LEARNING AND NEURAL NETWORKS

**M.C. Trivedi,
Nandita Goyal**

ISBN: 9789355383983

Pages: 160

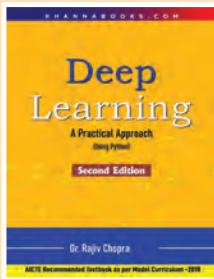
Year: 2024

Language: English

CONTENTS:

- Module 01:** Information Flow in a Neural Network, Understanding Basic Structure and ANN
- Module 02:** Training a Neural Network, How to Determine Hidden Layers, Recurrent Neural Network
- Module 03:** Convolution Neural Network, Image Classification and CNN
- Module 04:** RNN and LSTMs, Applications of RNNs in Real World
- Module 05:** Creating and Deploying Networks using Tensor Flow and Keras

EMERGING TECHNOLOGIES



DEEP LEARNING

AICTE RECOMMENDED

Rajiv Chopra

ISBN: 9789386173416

Pages: 320

Year: 2023

Edition: Second

Language: English

CONTENTS:

Chapter 1: The Neural Network (Deep Learning);
Chapter 2: Machine Learning Retrospective;
Chapter 3: Deep Feedforward Networks;
Chapter 4: Deep Learning Optimization;
Chapter 5: Convolutional Neural Networks;
Chapter 6: Sequence Analysis;
Chapter 7: Practical Deep Learning;
Chapter 8: Applications of Deep Learning;
Chapter 9: Deep Learning Survey



EMBEDDED SYSTEMS FOR INTERNET OF THINGS

Jeeva Jose, Vijo Mathew

ISBN: 9789355387752

Pages: 248

Year: 2024

Language: English

CONTENTS:

Chapter 1: IoT Design Methodology
Chapter 2: Embedded Systems
Chapter 3: Embedded System Design
Chapter 4: Inputs and Outputs
Chapter 5: Embedded System Platforms & IDE
Chapter 6: IoT Sensing Layer Protocols
Chapter 7: IoT Network Protocols
Chapter 8: IoT Service Protocols
Chapter 9: IoT Application, Security and Management Protocols
Chapter 10: IoT Tools, Platforms and Frameworks
Chapter 11: Storage Models and Systems
Chapter 12: Web of Things and Cloud of Things



EXPLORING TOMORROW: THE COMPREHENSIVE GUIDE TO ROBOTICS AND AUTOMATION

A.B. Bhattacharya, Debasish Roy

ISBN: 9789355387257

Pages: 416

Year: 2024

Language: English

CONTENTS:

Chapter 1: Various Types of Robotics.
Chapter 2: Human-Robot Collaboration: Ethics and Social Implications of Robotics.
Chapter 3: Autonomous Vehicles and Drones: Part of the broader of Robotics and AI.
Chapter 4: Robotics in Healthcare.
Chapter 5: Robotics in Agriculture.
Chapter 6: Robots in Education.
Chapter 7: Robotics in Space Exploration.
Chapter 8: Role of Robotics in Disaster Response.
Chapter 9: Biologically-Inspired Robotics.
Chapter 10: Robotics in Entertainment and Service Industries.
Chapter 11: Automation and the Workforce: Emerging Trends.
Chapter 12: Interconnected Domains of Industrial Automation and Robotics.
Chapter 13: Robotics and Automation Technologies used in Modern

...

EMERGING TECHNOLOGIES



FOUNDATIONS OF QUANTUM TECHNOLOGIES (WITH LAB MANUAL)

A.B. Bhattacharya

ISBN: 9789355383242

Pages: 450

Year: 2024

Language: English

CONTENTS:

PART I: Fundamentals of Quantum Mechanics

PART II: Core Quantum Technologies

PART III: Experimental and Practical Aspects

PART IV: Lab Manual



FOUNDATIONS OF ROBOTICS & AUTOMATION

A.B. Bhattacharya,
Debasish Roy

ISBN: 9789355388001

Pages: 428

Year: 2024

Language: English

CONTENTS:

Chapter 1: Evolution of Robotics and Automation.

Chapter 2: Linear Algebra for solving Complex Problems of Robotics and Automation.

Chapter 3: Calculus as the Mathematical Framework for Modeling, Analyzing and Controlling Robotics Systems.

Chapter 4: Differential Equations in Modeling and Analyzing Various Aspects of Robotics and Automation.

Chapter 5: Probability and Statistics as Hypothesis Testing, Experimental Design and Machine Learning.

Chapter 6: Control Theory with the Study of controlling the behavior of Dynamics Systems.

Chapter 7: Kinematics and Dynamics in the Study of Motion and the Behavior of Object and System.

Chapter 8: Machine Learning and Artificial Intelligence as applied in Robotics and Automation.

Chapter 9: Graph Theory in Solving Real-World Problems Across Different Domains.

Chapter 10: Numerical Methods to obtain Practical Solutions by using Computational Algorithms and Techniques.

Chapter 11: Signal Processing for analyzing Vast Data Generated in Digital World.

Chapter 12: Optimization Process of finding the Best Possible Solution from a Set of Available Option.

Chapter 13: Computer Vision as a Field of Artificial Intelligence.

Chapter 14: Quantum Computing a Applied to Robotics and Automation.

EMERGING TECHNOLOGIES



FUNDAMENTALS OF BLOCKCHAIN TECHNOLOGY

Kartik Hegadekatti

ISBN: 9789355385888

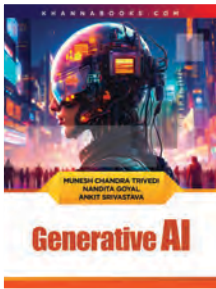
Pages: 154

Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Introduction to the Concepts of Money;
- Chapter 2:** An Overview of Blockchain Technology;
- Chapter 3:** The Basics of Blockchain Technology;
- Chapter 4:** Blockchain Technology Stack;
- Chapter 5:** Tiers of Blockchain;
- Chapter 6:** Types of Blockchain;
- Chapter 7:** Types of Consensus Algorithms;
- Chapter 8:** The Bitcoin Blockchain;
- Chapter 9:** The Ethereum Blockchain;
- Chapter 10:** Blockchain Use Cases;
- Chapter 11:** Further Reading;
- Chapter 12:** Question Bank



GENERATIVE AI

Munesh Chandra Trivedi

ISBN: 9789355386397

Pages: 300

Year: 2025

Language: English

CONTENTS:

- Chapter 1:** Introduction to Generative AI.
- Chapter 2:** Foundational Concepts.
- Chapter 3:** Generative Adversarial Networks (GANs).
- Chapter 4:** Variational Autoencoders (VAEs).
- Chapter 5:** Transformer Models and Natural Language Generation.
- Chapter 6:** Applications of Generative AI.
- Chapter 7:** Generative AI for Business and Society.
- Chapter 8:** Ethics and Challenges in Generative AI.
- Chapter 9:** Technical Deep Dive.
- Chapter 10:** Future of Generative AI



HACKING

AICTE RECOMMENDED

Harsh Bothra

ISBN: 9789386173058

Pages: 200

Year: 2024

Edition: Second

Language: English

CONTENTS:

PART-A. BASICS OF HACKING

- Chapter 1:** Introduction to Hacking;
- Chapter 2:** Introduction to Ports & Protocols;
- Chapter 3:** Virtualization & Introduction to Kali Linux;

Chapter 4: Foot-printing;

Chapter 5: Scanning

PART-B. PERFORMING THE HACK

Chapter 6: Hacking Into System;

Chapter 7: Trojans & Backdoors;

Chapter 8: Viruses & Worms;

Chapter 9: Sniffing, Packet Analysis & Session;

Chapter 10: Social Engineering ;

Chapter 11: Cryptography;

Chapter 12: Steganography;

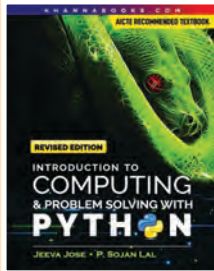
Chapter 13: Vulnerability Assessment;

Chapter 14: Deep Web & Dark Net

PART-C. ADVANCE HACKING

...

EMERGING TECHNOLOGIES



INTRODUCTION TO COMPUTING & PROBLEM SOLVING THROUGH PYTHON

AICTE RECOMMENDED

Jeeva Jose, P. Sojan Lal

ISBN: 9789382609810

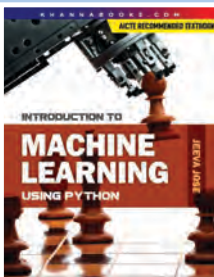
Pages: 288

Year: 2023

Language: English

CONTENTS:

Chapter 1: Introduction to computers;
Chapter 2: Program Logic and Flowcharts;
Chapter 3: Introduction to Python;
Chapter 4: Data Types and Operations;
Chapter 5: Flow Control;
Chapter 6: Functions;
Chapter 7: Modules and Packages;
Chapter 8: File Handling;
Chapter 9: Object Oriented Programming;
Chapter 10: Exception Handling;
Chapter 11: Regular Expressions;
Chapter 12: Database Programming



INTRODUCTION TO MACHINE LEARNING

AICTE RECOMMENDED

Jeeva Jose

ISBN: 9789389139068

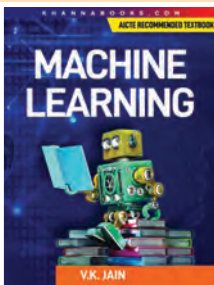
Pages: 200

Year: 2023

Language: English

CONTENTS:

Chapter 1: Introduction to Machine Learning;
Chapter 2: Regression;
Chapter 3: Classification;
Chapter 4: Cluster Analysis;
Chapter 5: Advance Multivariate Analysis;
Chapter 6: Semi-supervised, Reinforcement & Active Learning;
Chapter 7: Deep Learning;
Chapter 8: Introduction to TensorFlow;
Chapter 9: Regression using TensorFlow;
Chapter 10: Artificial Neural Networks using TensorFlow



MACHINE LEARNING

AICTE RECOMMENDED

V.K. Jain

ISBN: 9789386173669

Pages: 352

Year: 2024

Language: English

CONTENTS:

Unit 1: Supervised Learning (Regression/ Classification);
Unit 2: Unsupervised Learning;
Unit 3: Evaluating Machine Learning Algorithms and Model Selection;
Unit 4: Sparse Modelling and Estimation;
Unit 5: Scalable Machine Learning (Online and Distributed Learning);
Unit 6: Unsupervised Learning

EMERGING TECHNOLOGIES



INTRODUCTION TO INTERNET OF THINGS

AICTE RECOMMENDED

Jeeva Jose & Vijo Mathew

ISBN: 9788195123162

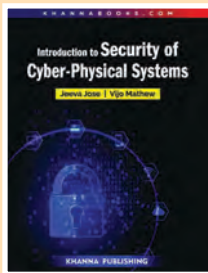
Pages: 344

Year: 2023

Language: English

CONTENTS:

Chapter 1: Internet of Things & Web Technology;
Chapter 2: M2M To IoT;
Chapter 3: Reference Architecture to Actual System;
Chapter 4: IoT Application for Value Creations;
Chapter 5: IoT Smart Components;
Chapter 6: Internet of Things Applications;
Chapter 7: IoT for Home Management;
Chapter 8: Smart Cities;
Chapter 9: IoT for Retailing Industry;
Chapter 10: IoT for Oil and Gas Industry;
Chapter 11: Smart Electrical Energy Grids;
Chapter 12: IoT Privacy, Security, Trust and Governance;
Chapter 13: Future Internet Technologies;
Chapter 14: IoT Standardization & Research



INTRODUCTION TO SECURITY OF CYBER- PHYSICAL SYSTEMS

AICTE RECOMMENDED

Jeeva Jose & Vijo Mathew

ISBN: 9789355380586

Pages: 368

Year: 2023

Language: English

CONTENTS:

Chapter 1: Information System;
Chapter 2: Information System Security;
Chapter 3: Privacy in Information System;
Chapter 4: Cyber Security;
Chapter 5: Policy, Standards, Certifications and Cyber laws;
Chapter 6: Cyber Security Technologies and Tools;
Chapter 7: Cryptology;
Chapter 8: Cryptosystem;
Chapter 9: Digital Signature and E-mail Security;
Chapter 10: Information Theory;
Chapter 11: IoT Security and Privacy Case Study;
Chapter 12: Software Defined Networking

EMERGING TECHNOLOGIES



INTERNET OF THINGS

AICTE RECOMMENDED

Jeeva Jose

ISBN: 9789386173591

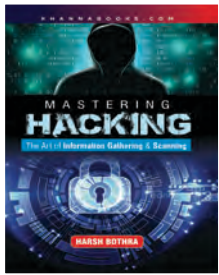
Pages: 368

Year: 2023

Language: English

CONTENTS:

Chapter-1: Introduction to Internet of Things;
Chapter-2: IOT Networking;
Chapter-3: Connectivity Technologies;
Chapter-4: Wireless Sensor Networks;
Chapter-5: UAV Networks & M2M Communication;
Chapter-6: Programming with Arduino;
Chapter-7: Introduction to Python Programming;
Chapter-8: IoT implementation with Raspberry Pi
Chapter-9: Software Defined Networking;
Chapter-10: Cloud Computing;
Chapter-11: Sensor cloud;
Chapter-12: Fog Computing;
Chapter-13: Smart Homes;
Chapter-14: Smart Grids;
Chapter-15: Smart Cities;
Chapter-16: Connected vehicles;
Chapter-17: Industrial IoT



MASTERING HACKING

AICTE RECOMMENDED

Harsh Bothra

ISBN: 9789386173843

Pages: 200

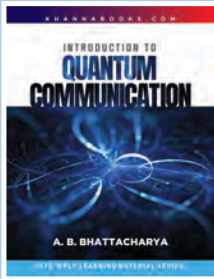
Year: 2023

Language: English

CONTENTS:

Part-1 Building the Base
Introduction
Chapter 1: Working with Git & GitHub;
Chapter 2: Operating System Concepts;
Chapter 3: Networking Concepts;
Chapter 4: Virtualization & Working with Linux Virtual Machine (VM) 40
Part-2 Information Gathering & Open Source Intelligence 49
Chapter 5: Formal Introduction to Information Gathering;
Chapter 6: Information Gathering Tools & Methodologies;
Chapter 7: Open Source Information Gathering
Part-3 : Advance Techniques, Scanning & Enumeration
Chapter 8: Advanced Information Gathering;
Chapter 9: Network Service Scanning & Advance Scanning Techniques;
Chapter 10: Enumeration;
Chapter 11: Introduction to Vulnerability Assessment

EMERGING TECHNOLOGIES



INTRODUCTION TO QUANTUM COMMUNICATIONS

A. B. Bhattacharya

ISBN: 9789355388926

Pages: 475

Year: 2025

Language: English

CONTENTS:

Chapter 1: Basics of Quantum Communication.

Chapter 2: Foundations of Quantum Communication.

Chapter 3: Quantum Key Distribution.

Chapter 4: Quantum Cryptography beyond QKD.

Chapter 5: Quantum Teleportation.

Chapter 6: Quantum Networks.

Chapter 7: Protocols in Quantum Communication.

Chapter 8: Practical Implementations and Technologies.

Chapter 9: Security Aspects of Quantum Communication.

Chapter 10: Future Directions and Applications



MACHINE LEARNING

**N. Bhaskar,
K.L. Vasundhara,
Monalisha Pattnaik,
G. Mahesh Kumar**

ISBN: 9789355384980

Pages: 252

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction.

Chapter 2: Probabilistic Learning- Classification.

Chapter 3: Linear Models for Regression.

Chapter 4: Classification: Decision Tree and Random Forest Models.

Chapter 5: Decision Tree.

Chapter 6: Neural Networks.

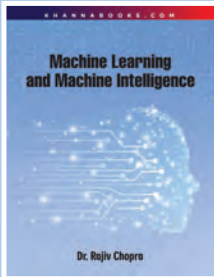
Chapter 7: Instance-Based Learning.

Chapter 8: Combining Classifiers.

Chapter 9: Support Vector Machine.

Chapter 10: Support Vector Machine.

Chapter 11: Unsupervised Learning.



MACHINE LEARNING AND MACHINE INTELLIGENCE

Rajiv Chopra

ISBN: 9789355388810

Pages: 384

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction to Machine and Deep Learning;

Chapter 2: Types of Learning;

Chapter 3: Classification Families;

Chapter 4: Learning Algorithms;

Chapter 5: Unsupervised Learning and their Algorithms;

Chapter 6: Reinforcement Learning and Control;

Chapter 7: IoT and Machine Learning;

EMERGING TECHNOLOGIES



MISSION CYBER BHARAT

Harsh Bothra

ISBN: 9789355387660

Pages: 70

Year: 2025

Language: English

CONTENTS:

Chapter 1: Understanding Cyber World and Cyber Security

Chapter 2: Understanding Cyber Threats and Scams.

Chapter 3: Cyber Scams - Safeguard Yourself.

Chapter 4: Protecting Your Digital Life.

Chapter 5: Cyber Safety for Children and Teens.

Chapter 6: Staying Safe in the Digital Age



TAMING PYTHON BY PROGRAMMING

AICTE RECOMMENDED

Jeeva Jose

ISBN: 9789386173348

Pages: 348

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction to Python;

Chapter 2: Data Types and Operations;

Chapter 3: Flow Control;

Chapter 4: Functions;

Chapter 5: Modules and Packages;

Chapter 6: File Handling;

Chapter 7: Object Oriented Programming;

Chapter 8: Exception Handling;

Chapter 9: Regular Expressions;

Chapter 10: Database programming;

Chapter 11: Iterators, Generators and Decorators;

Chapter 12: GUI Programming;

Chapter 13: Multithreading;

Chapter 14: CGI Programming;

Chapter 15: Socket Programming



VIRTUAL AND AUGMENTED REALITY

Rajiv Chopra

ISBN: 9789390779000

Pages: 188

Year: 2021

Language: English

CONTENTS:

Chapter 1: Introduction to Virtual Reality;

Chapter 2: Geometric Modelling;

Chapter 3: Virtual Environment;

Chapter 4: VR Hardware and Software;

Chapter 5: VR Application

EMERGING TECHNOLOGIES



QUANTUM COMPUTING MECHANICS

A.B. Bhattacharya

ISBN: 9789355382054

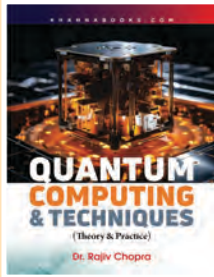
Pages: 312

Year: 2025

Language: English

CONTENTS:

- Chapter 1:** Foundations in Quantum Computing Mechanics
- Chapter 2:** Outlines of Quantum Mechanics
- Chapter 3:** The Qubit and Quantum Gates as Building Blocks
- Chapter 4:** Quantum Logic Gates and Circuits
- Chapter 5:** Quantum Parallelism and Interference
- Chapter 6:** Quantum Entanglement and Nonlocality
- Chapter 7:** Quantum Algorithms
- Chapter 8:** Quantum Error Correction and Fault Tolerance



QUANTUM COMPUTING & TECHNIQUES

Rajiv Chopra

ISBN: 9789355386397

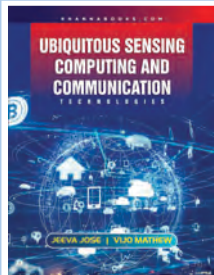
Pages: 386

Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Quantum Computing and its Components.
- Chapter 2:** Math Foundation for Quantum Computing.
- Chapter 3:** Quantum Circuits Design.
- Chapter 4:** Quantum Algorithms.
- Chapter 5:** Computational Lower Bound Complexity for Quantum Circuits.
- Chapter 6:** Quantum Error Correction.
- Chapter 7:** Quantum Cryptography.



UBIQUITOUS SENSING COMPUTING AND COMMUNICATION TECHNOLOGIES

Jeeva Jose, Vijo Mathew

ISBN: 9789355381996

Pages: 446

Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Sensing, Computing and Communication;
- Chapter 2:** Ubiquitous Sensing;
- Chapter 3:** Ubiquitous Communication;
- Chapter 4:** Sensor networks;
- Chapter 5:** Software Defined Network;
- Chapter 6:** Sensor Cloud;
- Chapter 7:** Sensor Web;
- Chapter 8:** Ubiquitous Computing;
- Chapter 9:** Cloud Computing;
- Chapter 10:** Edge, Fog, Mist, Dew Computing;
- Chapter 11:** Wearable Computing;
- Chapter 12:** Affective Computing;
- Chapter 13:** Cognitive Computing;
- Chapter 14:** Context Aware Computing;
- Chapter 15:** Social Network;
- Chapter 16:** IoT Data Analytics and Management;
- Chapter 17:** Internet and Deep Web;
- Chapter 18:** Search Techniques and Search Engines.

ENVIRONMENTAL ENGINEERING



A TEXTBOOK OF ENVIRONMENTAL SCIENCE

**Rimpi Mehani Ne'e Chopra,
Jyotsna**

ISBN: 9789382609933

Pages: 337

Year: 2017

Language: English

CONTENTS:

- Chapter 1:** Multidisciplinary Nature of Environmental Studies;
- Chapter 2:** Natural Resources;
- Chapter 3:** Ecosystem;
- Chapter 4:** Biodiversity;
- Chapter 5:** Environment Pollution;
- Chapter 6:** Social Issues and Environment;
- Chapter 7:** Human Population and Environment



ELEMENTS OF ENVIRONMENTAL POLLUTION CONTROL

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789382609667

Pages: 872

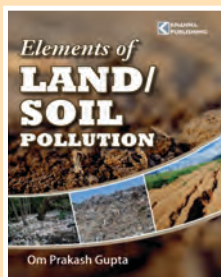
Year: 2022

Language: English

CONTENTS:

- Chapter 1:** Introduction Classification Sources and Effect of Environmental Pollution;
- Chapter 2:** Terminology, Definition, Data, Units and their Conversion;
- Chapter 3:** Classification of Environmental Pollutants;
- Chapter 4:** Environment Its Components and Bio-Geochemical Cycles;
- Chapter 5:** Atmosphere and its Constituents;
- Chapter 6:** Introduction of Air Pollution;
- Chapter 7:** Effects of Environmental Pollution on Plants/Trees/Vegetation

ENVIRONMENTAL ENGINEERING



ELEMENTS OF LAND/SOIL POLLUTION

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789382609735

Pages: 208

Year: 2019

Language: English

CONTENTS:

- Chapter 1:** All about Soil—Its Formation, Types, Components & Properties;
Chapter 2: Introduction to Soil Pollution;
Chapter 3: Causes, Types, & Sources of Soil Pollution;
Chapter 4: Effects of Land/Soil Pollution;
Chapter 5: Prevention & Control of Land/Soil Pollution;
Chapter 6: Short Questions & Answers on Soil Pollution;
Chapter 7: Multiple Choice Questions & Answers;
Chapter 8: Glossary of Terms Related to Soil Pollution



GREEN TECHNOLOGY (CLIMATE AND INNOVATION)

Anil Kumar

ISBN: 9789355383914

Pages: 642

Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Atmosphere, Weather and Climate
Chapter 2: Earth's Energy Budget
Chapter 3: Global Warming and Future Trends
Chapter 4: Responding to Climate Change
Chapter 5: Radiative Forcing, RCP, SSP
Chapter 6: Global Studies on Climate Change
Chapter 7: Global Climate Actions, Agreements and Protocols
Chapter 8: UN Climate Change Conference – GLASGOW and BEYOND
Chapter 9: India's Action on Climate Change
Chapter 10: Clean Technologies
Chapter 11: Environmental Sustainability for Atmanirbhar Bharat
Chapter 12: Earth and Climate for Future Generations: A Call for Action



FIRE & SAFETY ENGINEERING



HANDBOOK OF FIRE PROTECTION ENGINEERING

AICTE RECOMMENDED

K. Ehteshami

ISBN: 9789386173775

Pages: 320

Year: 2023

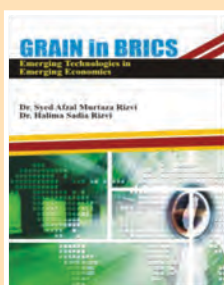
Language: English

CONTENTS:

- Chapter 1:** Introduction to Fire Protection;
- Chapter 2:** Antifreeze System;
- Chapter 3:** Deluge System;
- Chapter 4:** Dry Pipe System;
- Chapter 5:** Exposure Protection System;
- Chapter 6:** Firecycle System;
- Chapter 7:** Foam System;
- Chapter 8:** Halon Systems;
- Chapter 9:** Preaction System;
- Chapter 10:** Wet Pipe System;
- Chapter 11:** Explosion Protection System;
- Chapter 12:** Light Hazard Occupancies;
- Chapter 13:** Ordinary Hazard Occupancies;
- Chapter 14:** Extra Hazard Occupancies;
- Chapter 15:** Introduction to Hydraulic Calculations;
- Chapter 16:** Hydraulically Designed Loop and Grid Systems;
- Chapter 17:** Fire Protection for Homes and Mobile Homes;
- Chapter 18:** Fire Protection for Mid-Rise Buildings;
- Chapter 19:** Fire Protection for High-Rise Buildings;
- Chapter 20:** Fuel Use and Storage;
- Chapter 21:** Flammable or Combustible Liquids;
- Chapter 22:** Highly Flammable Liquids and LPG;
- Chapter 23:** Fire Protection in Industrial and Commercial Buildings;
- Chapter 24:** Fire Protection in Historical Buildings;
- Chapter 25:** Early Detection Alarms;
- Chapter 26:** Fire Protection for Aircraft Hangars;

...

GENERAL TITLES



GRAIN IN BRICS

S.A.M. Rizvi

ISBN: 9789380016122

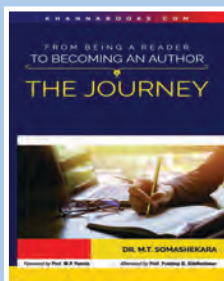
Pages: 188

Year: 2010

Language: English

CONTENTS:

Chapter 1: BRAZIL;
Chapter 2: RUSSIA;
Chapter 3: INDIA;
Chapter 4: CHINA;
Chapter 5: SOUTH AFRICA



FROM BEING A READER TO BECOMING AN AUTHOR THE JOURNEY

M.T. Somashekara

ISBN: 9789389139051

Pages: 136

Year: 2021

Language: English

CONTENTS:

Chapter 1: Nature of Authoring Work;
Chapter 2: Impact of Authoring on Teaching and Learning;
Chapter 3: Impact of Authoring on Improvement in English Language;
Chapter 4: Benefits of Publishing with Internationally Reputed Publishers;
Chapter 5: Experiences Gained During the Authoring Process;
Chapter 6: Motivational Quotes by Others;
Chapter 7: Impact of Authoring on our Life;
Chapter 8: Directional Communication on How to Go About Authoring;
Chapter 9: Responses from Professors of eminence, teachers, friends and team members on the initiative and on the motivational and directional communications

GENERAL TITLES



INNOVISION **THE GRAND CHALLENGES OF** **21ST CENTURY**

Chelat Bhuvanahandran

ISBN: 9789355381149

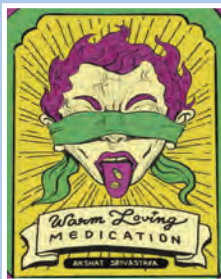
Pages: 262

Year: 2022

Language: English

CONTENTS:

- Chapter 1:** Imaginative Economy & Lessons from US Tech Firms
- Chapter 2:** India's Glory-Discoveries & Inventions
- Chapter 3:** Chutzpah! The Second Oldest Religion and the Second Oldest Language
- Chapter 4:** What Drives an innovation Culture?
- Chapter 5:** The might of AI and the Convergent Technologies
- Chapter 6:** Start-ups – Business patriotism, with a National purpose
- Chapter 7:** DRDO+ISRO+CDS To Nurture a "Brain Unit"
- Chapter 8:** Once Four Start-ups; Today the World's First Trillion Dollar Companies
- Chapter 9:** 21st Century Skills and Emotional Maturity
- Chapter 10:** Future-A Decade Ahead?
- Chapter 11:** Big Problems are Big Opportunities!
- Chapter 12:** Silicon Valley Doctrines
- Chapter 13:** Equality, Trust and Collaboration
- Chapter 14:** Inspiration and Appreciation



WARM LOVING **MEDICATION**

Akshat Srivastava

ISBN: 9789389139099

Pages: 204

Year: 2020

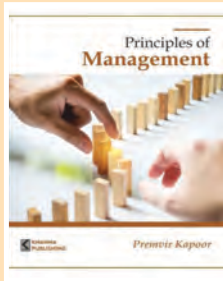
Language: English

CONTENTS:

- Chapter 1:** Long Lost Bliss
- Chapter 2:** The Flight
- Chapter 3:** Meera
- Chapter 4:** When Time Kept Pulling Us Towards Each Other
- Chapter 5:** The Side Effects of a Good Life;
- Chapter 6:** The Therapist
- Chapter 7:** He knew, She Obviously Knew
- Chapter 8:** Is This Depression? Fuck If I Know
- Chapter 9:** Damini. Also, The Ugly
- Chapter 10:** Aren't Birthdays Amazing?
- Chapter 11:** Weekender: Day 1
- Chapter 12:** Weekender: Self Control is a Virtue;
- Chapter 13:** The Drive
- Chapter 14:** The Wait
- Chapter 15:** The Night All Hell Broke Loose
- Chapter 16:** The Therapist: Is This Real Life?
- Chapter 17:** The Office Romance or Something
- Chapter 18:** Questions

...

GENERAL TITLES



PRINCIPLES OF MANAGEMENT

AICTE RECOMMENDED

Premvir Kapoor

ISBN: 9789386173836

Pages: 304

Year: 2020

Language: English

CONTENTS:

- Chapter 1:** Process of Management
- Chapter 2:** Management Principles and Management Theories
- Chapter 3:** Planning
- Chapter 4:** Decision Making
- Chapter 5:** Organisation
- Chapter 6:** Staffing
- Chapter 7:** Directing
- Chapter 8:** Motivation
- Chapter 9:** Communication
- Chapter 10:** Control
- Chapter 11:** Coordination
- Chapter 12:** Review Questions
- Chapter 13:** Important Terms and Concepts



#AWESOME5G- 5G BHARAT

**Dr. Buddha
Chandrasekhar**

ISBN: 9789355382894

Pages: 92

Year: 2024

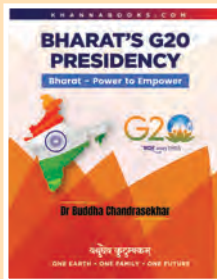
Language: English

CONTENTS:

- Chapter 1:** Awesome 5G – Bharat and 5G
- Chapter 2:** Economic Impacts of 5G in Bharat
- Chapter 3:** 5G to Revolutionize Education and Learning in Bharat
- Chapter 4:** The Potential for 5G to Drive Skill Development in Bharat
- Chapter 5:** Skilling Bharat Youth using 5G
- Chapter 6:** 5G and Innovation in Bharat
- Chapter 7:** 5G and one District one Product
- Chapter 8:** Millions of Job Creation in Bharat using 5G Technologies
- Chapter 9:** How 5G can Empower Farmers, Women Self-help Groups in Bharat
- Chapter 10:** How 5G can Empower Cooperative Sector and Cooperative Societies in Bharat
- Chapter 11:** Social Inclusion using 5G
- Chapter 12:** How 5G can Empower Healthcare Services in Bharat
- Chapter 13:** How 5G can Empower Bharat Railways;
- Chapter 14:** How 5G can Empower Banking, Financial Services and Insurance
- Chapter 15:** How 5G can Empower Urban Development in Bharat;
- Chapter 16:** The Role of Government of Bharat and Telecom Industry in Shaping the Future of 5G Implementation

...

GENERAL TITLES



BHARAT'S G20 PRESIDENCY Dr. Buddha Chandrasekhar

ISBN: 9789355382504

Pages: 72

Year: 2024

Language: English

CONTENTS:

Chapter 1: Bharat–Power to Empower

Introduction: Overview of Bharat's role as G20 president and the theme of “One Earth, One Family, One Future”

Chapter 2: Bharat's Efforts to Promote

Sustainable and Inclusive Economic Growth in the G20

Chapter 3: Role of Bharatiya Digital Initiatives at G20

Chapter 4: The Economic Impact of the

COVID-19 Pandemic on the G20 Countries, Role of Bharatiya Covid Vaccines Covishield and Covaxin

Chapter 5: The Future of the G20 and the Importance of International Cooperation

Chapter 6: Bharat's G20 Presidency Conclusion

Chapter 7: Bharat–Power to Empower by Buddha Chandrasekhar



FUTURE EMPLOYMENT OPPORTUNITIES AROUND THE WORLD

Dr. Buddha
Chandrasekhar

ISBN: 9789355385833

Pages: 70

Year: 2024

Language: English

CONTENTS:

Future Jobs & Skills Requirements

GENERAL TITLES



DIGITAL TRENDS IN THE 21ST CENTURY

Buddha Chandasekhar

ISBN: 9789355382818

Pages: 124

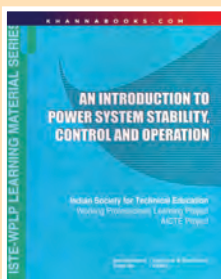
Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Mobile is our External Brain;
- Chapter 2:** Net-Centric Digital Society- Social Media;
- Chapter 3:** 5G- The Modern Economy- Data is God;
- Chapter 4:** Video, AR, and VR are the Kings of Presentation;
- Chapter 5:** Cybersecurity, Hacking, and Resilience;
- Chapter 6:** Robots and Cobots;
- Chapter 7:** Artificial Intelligence and Machine Learning;
- Chapter 8:** Cyborgization;
- Chapter 9:** Digital Manufacturing Industry 4.0 – Fourth Industrial Evolution;
- Chapter 10:** E-happiness: Likes, Shares and Retweets;
- Chapter 11:** Virtual Workplaces and Events;
- Chapter 12:** Gig-based Economy (Everyone is an Entrepreneur)
- Chapter 13:** Social Media is fFriend and Foe;
- Chapter 14:** 3D Printing;
- Chapter 15:** Data Analytics and Data Intelligence;
- Chapter 16:** Cyberwars;
- Chapter 17:** Gamification;
- Chapter 18:** Robots and Drones;
- Chapter 19:** Personalized Information;
- Chapter 20:** Personalised Medicines;
- Chapter 21:** Internet of Things (IoT);
- Chapter 22:** Crypto-currency;
- Chapter 23:** Virtual Stores;
- Chapter 24:** Personalized and Adaptive Learning;
- Chapter 25:** Cloud Hosting;
- Chapter 26:** Edge Computing;
- Chapter 27:** Blockchain and Distributed Ledger;
- Chapter 28:** ChatGPT, BoTs and MeMe Agents;
- Chapter 29:** Crowdfunding;
- Chapter 30:** E-voting;
- Chapter 31:** 7D Holograms;
- Chapter 32:** Gesture Interface;
- Chapter 33:** Digitally Controlled Fabric;
- Chapter 34:** Rings for Calls and Bands for Laptops;
- Chapter 35:** Face Recognition and Digital Passport;

...



AN INTRODUCTION TO POWER SYSTEM STABILITY, CONTROL AND OPERATION

R. Ramanujam

ISBN: 9789355384324

Pages: 142

Year: 2006

Language: English

CONTENTS:

Chapter 1: Introduction to Stability and Control of Power Systems

Chapter 2: Power System Stability: Concepts and Classification

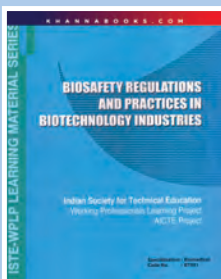
Chapter 3: Analysis of Power System Stability

Chapter 4: Control of Active Power and Frequency

Chapter 5: Control of Reactive Power and Voltage

Chapter 6: Power System Security

Chapter 7: Supervisory and Energy Management System



BIOSAFETY REGULATIONS AND PRACTICES IN BIOTECHNOLOGY INDUSTRIES

Geetha Bali, S. B. Sullia

ISBN: 9788189731038

Pages: 280

Year: 2006

Language: English

CONTENTS:

Part I: DNA Isolation and Ligation to Vectors

Chapter 1: An Overview of Recombinant DNA Technology;

Chapter 2: An Overview of Recombinant DNA Technology;

Part II: Transformation Techniques

Chapter 3: Analytical Techniques Used in Biotechnology and Biosafety Considerations;

Chapter 4: Biosafety practices for Laboratories Dealing with living GMOs OR NON-GM Natural Pathogens;

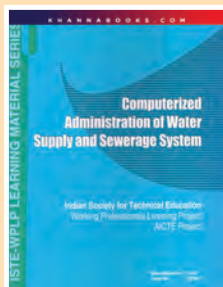
Chapter 5: Safety in the use of Hazardous Chemicals in Laboratories;

Chapter 6: Radioactive Waste Disposal;

Chapter 7: Genetically Modified Organisms (GMOs): Potential Hazards to Health and Environment;

...

ISTE SERIES



COMPUTERIZED ADMINISTRATION OF WATER SUPPLY AND SEWERAGE SYSTEM

C. Thangavel

ISBN: 9788189731157

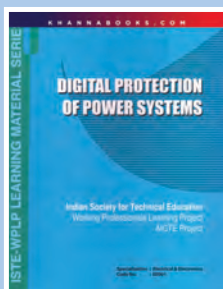
Pages: 116

Year: 2007

Language: English

CONTENTS:

- Chapter 1:** Introduction to Computerization Activities;
- Chapter 2:** The Present Manual System;
- Chapter 3:** Need For Computerization;
- Chapter 4:** List of Functions Need to Be Computerized;
- Chapter 5:** Availability of Infrastructure;
- Chapter 6:** Procedure/ Methodology for Computerization;
- Chapter 7:** Progress of the Computerization;
- Chapter 8:** External Interfaces for the proposed System;
- Chapter 9:** Evaluation of the Computerized System;
- Chapter 10:** Implementation Issues of the Computerized System;
- Chapter 11:** Annual Maintenance Contract (AMC);
- Chapter 12:** Procedure for Enhancement/ Upgradation; Case Study



DIGITAL PROTECTION OF POWER SYSTEMS

**K. Parthasarathy,
U. G. Shenoy**

ISBN: 9788189731041

Pages: 428

Year: 2006

Language: English

CONTENTS:

- Chapter 1:** Introduction to Digital Relay;
- Chapter 2:** Transient Analysis of Power Systems;
- Chapter 3:** Current and Voltage Transformers;
- Chapter 4:** Hardware Considerations; References;
- Chapter 5:** Relaying Algorithms; Reference;
- Chapter 6:** Protection of Power System Components; References;
- Chapter 7:** Applications of Artificial Intelligence Techniques for Power Systems Protection; Reference;
- Chapter 8:** Real time/ Playback Simulators for Relay Testing; References



DIGITAL SIGNAL PROCESSING CONCEPTS USING PYTHON

B. Kanmani

ISBN: 9789355382689

Pages: 492

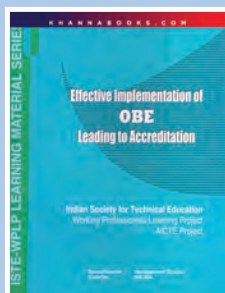
Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Digital Signals;
- Chapter 2:** The Sampling Process;
- Chapter 3:** Classification of Digital Systems;
- Chapter 4:** Representation and Classification of Linear Time Invariant Systems;
- Chapter 5:** Time Domain Analysis of Linear Time Invariant Systems;
- Chapter 6:** Frequency Domain Analysis of Linear Time invariant Systems;
- Chapter 7:** Design and Analysis of FIR Filters;
- Chapter 8:** Analog Butterworth Filters;
- Chapter 9:** Design and Analysis of IIR Filters

ISTE SERIES



EFFECTIVE IMPLEMENTATION OF OBE LEADING TO ACCREDITATION

B. Kanmani

ISBN: 9788189731236

Pages: 249

Year: 2020

Language: English

CONTENTS:

Chapter 1: Introduction to the OBE process;

Chapter 2: The Program Educational Objectives;

Chapter 3: Curriculum Design;

Chapter 4: The Program Outcomes and Program Specific Outcomes;

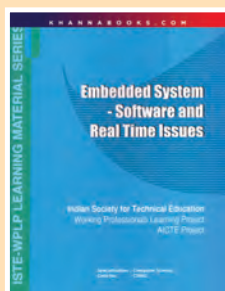
Chapter 5: The Course Outcomes;

Chapter 6: Computing the attainment of various Outcomes;

Chapter 7: Student Performance;

Chapter 8: Faculty Contribution;

Chapter 9: Ensuring Continuous Improvement Through OBE



EMBEDDED SYSTEM-SOFTWARE AND REAL TIME ISSUES

Shilpa Chaudhari

ISBN: 9788189731113

Pages: 458

Year: 2009

Language: English

CONTENTS:

Chapter 1: Introduction to Embedded System Design;

Chapter 2: Embedded Software Design;

Chapter 3: Operating Systems;

Chapter 4: Real-time Operating Systems-I;

Chapter 5: Real-time Operating System-II;

Chapter 6: Task Management in MicroC-OS;

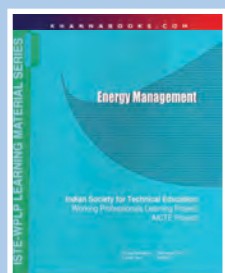
Chapter 7: Synchronization;

Chapter 8: Mailbox, Message Queue and Memory Partitioning;

Chapter 9: Distributed (Networked) Embedded Systems;

Chapter 10: Network Programming;

Chapter 11: Software Modeling



ENERGY MANAGEMENT

P. Balachandra

ISBN: 9788189731144

Pages: 266

Year: 2011

Language: English

CONTENTS:

Chapter 1: Energy Basics and Fundamental Concepts;

Chapter 2: Dynamics of Energy Supply and Demand in India;

Chapter 3: Energy and Economic Development;

Chapter 4: Energy and Sustainable Development;

Chapter 5: Energy Production and Utilization: Implications for Environment;

Chapter 6: Economic of Energy Supply & Use

Chapter 7: Energy Efficiency: A New Source of Energy;

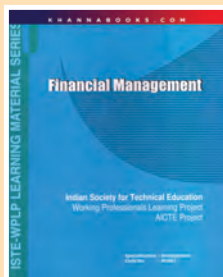
Chapter 8: Renewable Energy;

Chapter 9: Energy Modeling and Integrated Resource Planning;

Chapter 10: Energy Supply and Demand Security;

Chapter 11: Energy policy and Regulatory Issues; Typical Questions

ISTE SERIES



FINANCIAL MANAGEMENT

G. Arun Kumar

ISBN: 9788189731120

Pages: 180

Year: 2009

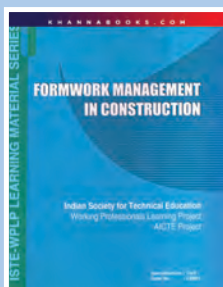
Language: English

CONTENTS:

Module I: Introduction & Time Value of Money;

Module II: Risk Return & Cost of Capital;

Module III: Capital Structure & Dividend Policy



FORMWORK MANAGEMENT IN CONSTRUCTION

V. Thamilarasu,
K. P. Raghavan,
S. Natarajan

ISBN: 9788189731084

Pages: 130

Year: 2007

Language: English

CONTENTS:

Chapter 1: Role of Formwork in Construction;

Chapter 2: Materials Used in Formwork;

Chapter 3: Conventional VS System Formwork;

Chapter 4: System Formwork and its Applications;

Chapter 5: Formwork Design;

Chapter 6: Formwork Planning;

Chapter 7: Labour Material Productivity;

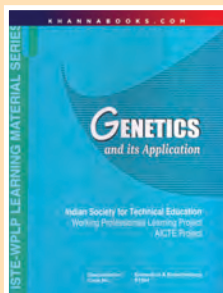
Chapter 8: Formwork Management;

Chapter 9: Training of Workmen;

Chapter 10: Slip Forming;

Chapter 11: Formwork for Special Application, Aluminium Formwork and Precast Moulds;

Chapter 12: Safety in Formwork



GENETICS AND ITS APPLICATION

Joshua Peter

ISBN: 9788189731229

Pages: 444

Year: 2018

Language: English

CONTENTS:

Chapter 1: Basics of Genetics;

Chapter 2: Mendelian Genetics;

Chapter 3: Chromosomes;

Chapter 4: Genetic Linkage and Chromosome Mapping;

Chapter 5: Human Chromosomes;

Chapter 6: Mutations;

Chapter 7: Clinical Genetics;

Chapter 8: Dermatoglyphics;

Chapter 9: Genetic Testing;

Chapter 10: Cytogenetics;

Chapter 11: Advanced Genetic Engineering;

Chapter 12: Inheritance of Genetic Disorders;

Chapter 13: Chromosomal Disorders;

Chapter 14: Genetic and Epigenetics of Human Diseases;

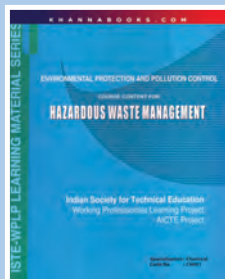
Chapter 15: Genetics of Cancer;

Chapter 16: Transgenic Plants;

Chapter 17: Genetic Engineering of Micro-Organisms of Interest to Agriculture;

...

ISTE SERIES



HAZARDOUS WASTE MANAGEMENT

J. R. Mudakavi, G. V. Gore

ISBN: 9788189731025

Pages: 356

Year: 2006

Language: English

CONTENTS:

- Chapter 1:** An Introduction to Hazardous Waste;
- Chapter 2:** Generation, Classification and Contentious Issues of Hazardous Wastes;
- Chapter 3:** Analytical Aspects of Hazardous Compounds;
- Chapter 4:** Physical and chemical treatment of Hazardous Wastes;
- Chapter 5:** Thermal and Biological Process;
- Chapter 6:** Storage, Transport Processes, Maintenance of Hazardous Waste Dumps, Cost Estimation; Reference;
- Chapter 7:** Assessment of Exposure Potential System Analysis for Regional Planning of Management Options, Legal Aspects, ACTS, Notifications and future trends



HEAT TRANSFER APPLICATION IN PROCESS INDUSTRY

A. G. Pai, P. N. Singh

ISBN: 978818973105x

Pages: 156

Year: 2006

Language: English

CONTENTS:

- Chapter 1:** Basics of Heat Transfer;
- Chapter 2:** Convective Heat Transfer;
- Chapter 3:** Design and Analysis of Heat Exchangers;
- Chapter 4:** Pinch Technology;
- Chapter 5:** Case Study on Heat Loss Through Pipe;
- Chapter 6:** Case Study of Heat Exchanger Network Without Phase Change;
- Chapter 7:** Case Study of a Fired heater Involving Phase Change;
- Chapter 8:** Case Study of an Air Preheater;
- Chapter 9:** Improving Performance of a Distillation Column by Proving Pump Around Heat;
- Chapter 10:** Energy Saved is Energy Generated;
- Chapter 11:** Heat Transfer with Chemical Reactions;
- Chapter 12:** Case Study on Temperature Peaking Effect

ISTE SERIES



INSTRUMENTATION AND CONTROL IN PROCESS INDUSTRIES

P. N. Singh, S. R. Bhat

ISBN: 9788189731182

Pages: 184

Year: 2009

Language: English

CONTENTS:

Chapter 1: Introduction to Control Systems;

Chapter 2: Measurement and Final Control Element;

Chapter 3: Process Dynamics and Controllers Design;

Chapter 4: Applications of Control Schemes



INDUSTRIAL POLICY & MANAGEMENT

M. H. Subrahmanya

ISBN: 9788189731137

Pages: 268

Year: 2009

Language: English

CONTENTS:

Chapter 1: Introduction;

Chapter 2: Indian Industry: Structure & Components;

Chapter 3: Industrial Policy: What is It? Why is it needed?

Chapter 4: Industrial Controls & Regulation in India: What Lessons did we learn?;

Chapter 5: India's Macro Economic Crisis in 1991: Genesis of Industrial Reforms;

Chapter 6: Industrial Policy Development 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;

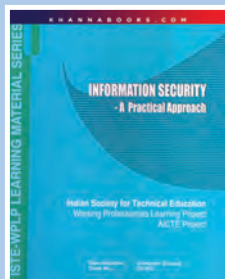
Chapter 10: Environmental Policy for Industry in India

Chapter 11: Technology Policy and Research & Development; In Industry;

Chapter 12: Labour Policy;

Chapter 13: How to Set-up an Enterprises?

ISTE SERIES



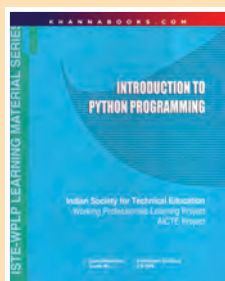
INFORMATION SECURITY- A PRACTICAL APPROACH

**V. Vasudevan,
S. Dhanasekaran,
B. S. Murugan**

ISBN: 9788189731243
Pages: 132
Year: 2019
Language: English

CONTENTS:

Chapter 1: An Overview of Information Security;
Chapter 2: Organization Strategies for Information Security;
Chapter 3: Essential Mathematics for Information Security;
Chapter 4: Standard Security Algorithms;
Chapter 5: Implementation of Security Algorithm;
Chapter 6: Case Studies



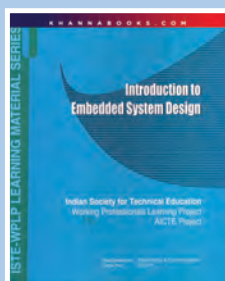
INTRODUCTION TO PYTHON PROGRAMMING

Venkatesh, Nagaraju Y

ISBN: 9788189731250
Pages: 556
Year: 2021
Language: English

CONTENTS:

Chapter 1: Introduction to Python, Python Data Types;
Chapter 2: Imperative Statements;
Chapter 3: Text Data, Files and Exceptions;
Chapter 4: Execution Control Structures;
Chapter 5: Container and Randomness;
Chapter 6: Namespaces;
Chapter 7: Object Oriented Programming in Python;
Chapter 8: Graphical User Interfaces;
Chapter 9: Recursion;
Chapter 10: Web Programming Using Python;
Chapter 11: Database and Data Processing in Python



INTRODUCTION TO EMBEDDED SYSTEM DESIGN

D. N. Sonawane, M. A. Joshi

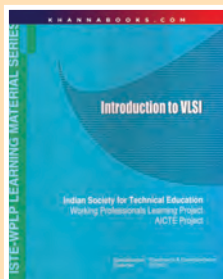
ISBN: 978818973115A
Pages: 246
Year: 2010
Language: English

CONTENTS:

Chapter 1: Overview of Embedded System Design;
Chapter 2: Architecture of MCS-51 Family Microcontroller;
Chapter 3: MCS-51 On-chip Peripherals: Timers/ Counters;
Chapter 4: MCS-51 On-chip Peripherals: Serial Communication;
Chapter 5: MCS-51: Interrupts;
Chapter 6: Real Time Interfaces with MCS-51: ADC, DAC (Parallel);
Chapter 7: Display Devices: 7- segment LED and LCD Interfacing;
Chapter 8: Embedded System Design Using PIC 16FX series;
Chapter 9: PIC 16FX Series Microcontrollers: Timers/ Controllers;

...

ISTE SERIES



INTRODUCTION TO VLSI

**V. Venkateswarlu,
M. Chandeasekhar**

ISBN: 978818973119x
Pages: 376
Year: 2014
Language: English

CONTENTS:

Chapter 1: Introduction to VLSI;
Chapter 2: CMOS Processing;
Chapter 3: Characteristics of CMOS Components;
Chapter 4: Logic Gates;
Chapter 5: Sequential Logic/ Machines;
Chapter 6: Subsystems;
Chapter 7: VLSI Design Methodologies;
Chapter 8: HDL;
Chapter 9: VLSI CAD Systems; Abbreviations and Symbols



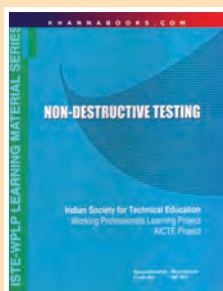
MODERN TECHNIQUES IN REPAIRS AND RENOVATION OF BUILDINGS

M. Lakshmipathy

ISBN: 9788189731168
Pages: 88
Year: 2010
Language: English

CONTENTS:

Chapter 1: Introduction to Distress in Concrete Structures;
Chapter 2: General Information Remedial Measures;
Chapter 3: Details Methods of Crack Repair;
Chapter 4: Details of Repair of Crack by Stitching;
Chapter 5: Patching Technique_ SLAB, FLOOR AND WALLS;
Chapter 6: Repairing of Active Cracks;
Chapter 7: Sealing of Cracks in Walls by Epoxy Injection;
Chapter 8: Strengthening Techniques;
Chapter 9: Jacketing Techniques;
Chapter 10: Replacement of Concrete by Pressure Forms;
Chapter 11: Assessment of Quality and Strength by Using Non-Destructive Test (NDT) (Rebound Hammer & UPV)



NON-DESTRUCTIVE TESTING

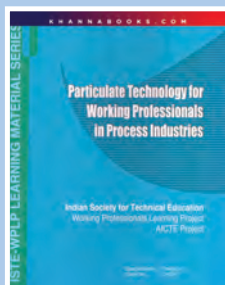
C. R. L. Murthy, M. R. Bhat

ISBN: 9788189731122
Pages: 224
Year: 2007
Language: English

CONTENTS:

SECTION-I: Introduction;
SECTION II: General and Simple Methods;
SECTION III: Magnetic and Electro Magnetic Methods;
SECTION IV: Acoustic Methods;
SECTION V: Other techniques;

ISTE SERIES



PARTICULATE TECHNOLOGY FOR WORKING PROFESSIONALS IN PROCESS INDUSTRIES

**D. V. Ramana Rao,
N. C. L. N. Charyulu**

ISBN: 9788189731182

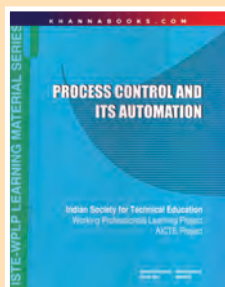
Pages: 212

Year: 2013

Language: English

CONTENTS:

- Chapter 1:** Size Reduction Operation;
- Chapter 2:** Size Enlargement;
- Chapter 3:** Particle Characterization;
- Chapter 4:** Separation of Solids and Enrichment;
- Chapter 5:** Mixing and Homogenization;
- Chapter 6:** Bulk Material Handling and Storage;
- Chapter 7:** Drying Operation;
- Chapter 8:** Principles of Fluidization and Applications;
- Chapter 9:** Rheology of Non-Newtonian Solid-in-liquid Systems;
- Chapter 10:** Case Studies; Case Study -1; Case Study -2; Case Study -3



PROCESS CONTROL AND ITS AUTOMATION

M. Meenakshi

ISBN: 9788189731166

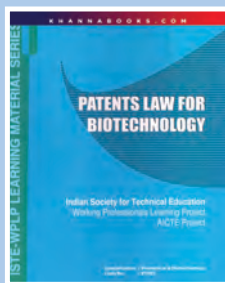
Pages: 278

Year: 2009

Language: English

CONTENTS:

- Chapter 1:** Introduction;
- Chapter 2:** Fundamentals of Closed Loop Control Technology;
- Chapter 3:** Controller Tuning Methods;
- Chapter 4:** Compensator Design in The Frequency Domain;
- Chapter 5:** Components of Control Loops and its Terminology;
- Chapter 6:** Programmable Logic Controllers and Industrial Automation;
- Chapter 7:** Distributed Digital Control;
- Chapter 8:** Intelligent Controllers;
- Chapter 9:** Plant Parameter Estimation Theory



PATENTS LAW FOR BIOTECHNOLOGY

V. C. Vivekanandan

ISBN: 9788189731068

Pages: 150

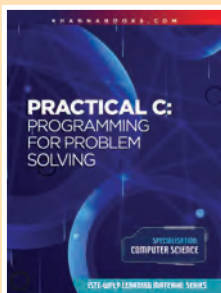
Year: 2006

Language: English

CONTENTS:

- Chapter 1:** Understanding Intellectual Property Rights;
 - Chapter 2:** Basics Of Patents;
 - Chapter 3:** Patent Legislation in India;
 - Chapter 4:** Patent Cooperation Treaty;
 - Chapter 5:** Patenting of Biotechnology;
 - Chapter 6:** TRIPS Agreement- Salient Features;
 - Chapter 7:** World Intellectual Property Organization;
- CASE LAWS**

ISTE SERIES



PRACTICAL C PROGRAMMING FOR PROBLEM SOLVING

Venkatesh, Nagaraju Y

ISBN: 9789355386748

Pages: 400

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction to C Programming Fundamentals;
Chapter 2: Basic Level C Programs;
Chapter 3: Intermediate Level C Programs;
Chapter 4: Concepts Oriented C Programs;
Chapter 5: Sorting and Searching Algorithms;
Chapter 6: Advanced C Programs;
Chapter 7: Project Implementation Using C



QUALITY MANAGEMENT IN GARMENT INDUSTRY

B. Purushothama

ISBN: 9788189731149

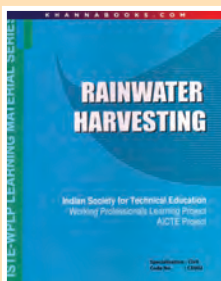
Pages: 432

Year: 2006

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Quality Management;
Chapter 3: Concepts of Quality Management;
Chapter 4: Quality Audits;
Chapter 5: Components of Quality in Garments;
Chapter 6: Supply Chain Management;
Chapter 7: Inspection and Testing;
Chapter 8: Cost of Poor Quality;
Chapter 9: Problem Solving;
Chapter 10: Defects and Remedies



RAINWATER HARVESTING

G. N. Virupaksha

ISBN: 9788189731017

Pages: 48

Year: 2006

Language: English

CONTENTS:

Chapter 1: Introduction to Rainwater Harvesting;
Chapter 2: Need for Rainwater Harvesting;
Chapter 3: Availability of Rainwater and Runoff Estimation;
Chapter 4: Methods of Rainwater Harvesting;
Chapter 5: Inter Basin Transfer of Water;
Chapter 6: Conclusion



SOFTWARE TESTING TOOLS

K. V. K. K. Prasad

ISBN: 9788189731173

Pages: 180

Year: 2008

Language: English

CONTENTS:

Chapter 1: Overview of Software Quality Assurance;
Chapter 2: Software Testing Process;
Chapter 3: Software Testing Methodologies and Types of Testing;
Chapter 4: Test Case Generation;
Chapter 5: Automated Test Tools;
Chapter 6: Functional/Regression Testing Tools;
Chapter 7: Performance/ Load Testing Tools;
Chapter 8: Testing Web Applications;
Chapter 9: Source Code Testing & Configuration Management
Chapter 10: Software Testing Process Management Tools

ISTE SERIES



STEM CELLS: BASICS, THERAPEUTICS AND RESEARCH

Joshua Peter

ISBN: 9788189731212

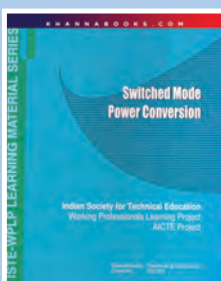
Pages: 120

Year: 2016

Language: English

CONTENTS:

- Chapter 1:** Stem Cells- Basics;
- Chapter 2:** Adult Stem Cells in Therapy and Research;
- Chapter 3:** Human Reproduction and Stem Cells;
- Chapter 4:** Human Embryonic Stem Cell;
- Chapter 5:** Application of Human Embryonic Stem Cells and Their Derivatives;
- Chapter 6:** Cloning;
- Chapter 7:** Scientific and Ethical Debate



SWITCHED MODE POWER CONVERSION

N. Lakshminarasamma

ISBN: 9788189731175

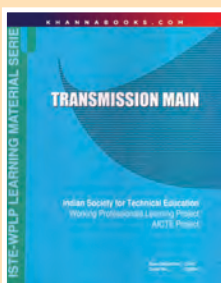
Pages: 84

Year: 2011

Language: English

CONTENTS:

- Chapter 1:** Overview of Power Processing System;
- Chapter 2:** Design of DC DC Converters;
- Chapter 3:** Loss Analysis in DC DC Converters;
- Chapter 4:** Concepts of Soft Switching in DE DE Converters;
- Chapter 5:** Introduction to Construction Projects



TRANSMISSION MAIN

G. N. Virupaksha

ISBN: 9788189731106

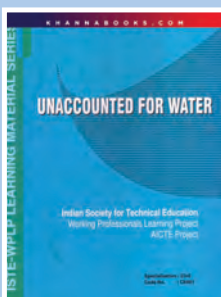
Pages: 156

Year: 2006

Language: English

CONTENTS:

- Chapter 1:** Introduction to Transmission Man;
- Chapter 2:** Pipe Material Selection;
- Chapter 3:** Optimization of Transmission Main;
- Chapter 4:** Transmission Man Design;
- Chapter 5:** Criteria for Selection of Pumps;
- Chapter 6:** Surge Protection System;
- Chapter 7:** Flow Measurement System;
- Chapter 8:** Laying of Pipes;
- Chapter 9:** Maintenance of Transmission System; Vendors; Abbreviation



UNACCOUNTED FOR WATER

S. Siddappaswamy

ISBN: 9788189731007

Pages: 88

Year: 2006

Language: English

CONTENTS:

- Chapter 1:** Introduction to Unaccounted for Water;
- Chapter 2:** Introduction to Leakage Control;
- Chapter 3:** Unaccounted for Water (UFW);
- Chapter 4:** Leakage Control;
- Chapter 5:** Selection of Techniques for Leakage Control Program;
- Chapter 6:** Leak Detection Instruments;
- Chapter 7:** Case Study- DMA Design, Establishment and Management;
- Chapter 8:** Benefits;
- Chapter 9:** Issues;
- Chapter 10:** Operation and Maintenance of DMA; Appendices; Abbreviations

ISTE SERIES



WASTEWATER TREATMENT

P. N. Ravindra

ISBN: 9788189731130

Pages: 320

Year: 2007

Language: English

CONTENTS:

Chapter 1: Wastewater;

Chapter 2: Wastewater Treatment;

Chapter 3: Preliminary and Primary Treatment Units;

Chapter 4: Sedimentation;

Chapter 5: Biological Treatment Processes;

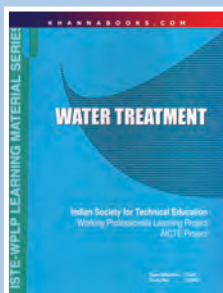
Chapter 6: Activated Sludge Process;

Chapter 7: Advanced Wastewater Treatment;

Chapter 8: Natural Treatment System;

Chapter 9: Residual Management;

Chapter 10: Membrane Treatment Systems



WATER TREATMENT

P. N. Ravindra

ISBN: 9788189731076

Pages: 272

Year: 2006

Language: English

CONTENTS:

Chapter 1: Introduction to Water Treatment;

Chapter 2: Water Quality Parameters;

Chapter 3: Preliminary Treatment;

Chapter 4: Coagulation and Flocculation;

Chapter 5: Clarification Process;

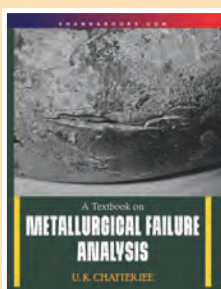
Chapter 6: Filtration Process;

Chapter 7: Disinfection Process;

Chapter 8: Advanced Water Treatment;

Chapter 9: Residuals Management

METALLURGICAL ENGINEERING



A TEXTBOOK ON METALLURGICAL FAILURE ANALYSIS

Uday Chatterjee

ISBN: 9789355387110

Pages: 260

Year: 2024

Language: English

CONTENTS:

- Chapter 1: Sources of Failure
- Chapter 2: Steps in Failure Analysis
- Chapter 3: Tools of Failure Analysis
- Chapter 4: Deformation Fundamentals
- Chapter 5: Fracture of Metals
- Chapter 6: Fatigue Failure
- Chapter 7: Wear Failure
- Chapter 8: Environment Assisted Failure
- Chapter 9: High Temperature Failure
- Chapter 10: Casting Failure
- Chapter 11: Heat Treatment Related Failure
- Chapter 12: Metalworking Defects
- Chapter 13: Weld Failure
- Chapter 14: Case Studies



ESSENTIALS OF METALLURGICAL THERMODYNAMICS

AICTE RECOMMENDED

R. H. Tupkary

ISBN: 9789382609032

Pages: 220

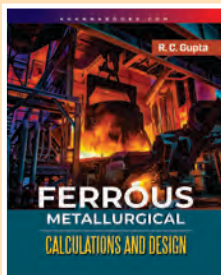
Year: 2024

Language: English

CONTENTS:

- Chapter 1: Introduction
- Chapter 2: First Law of Thermodynamics
- Chapter 3: Second Law of Thermodynamics
- Chapter 4: Thermodynamic Potentials
- Chapter 5: Third Law of Thermodynamics
- Chapter 6: Zeroth Law of Thermodynamics
- Chapter 7: Chemical Equilibria
- Chapter 8: Phase Equilibria in Single Component System
- Chapter 9: Solution I
- Chapter 10: Solution II
- Chapter 11: Solution III
- Chapter 12: Equilibria in Phase Diagrams
- Chapter 13: Electrochemical Processes
- Chapter 14: Free Energy - Temperature Relationship
- Chapter 15: Kinetics of Reactions

METALLURGICAL ENGINEERING



FERROUS METALLURGICAL CALCULATIONS AND DESIGN

R.C. Gupta

ISBN: 9789355386823

Pages: 402

Year: 2024

Language: English

CONTENTS:

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 & Alloys
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



INTRODUCTION TO MINERAL TECHNOLOGIES

A.B.K. Prasad, G. Sivakumar,
K. S. Raju

ISBN: 9789355383075

Pages: 270

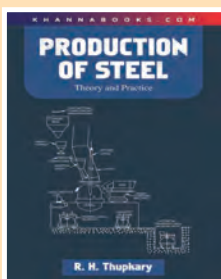
Year: 2025

Language: English

CONTENTS:

Group I: Mineral Technologies
Chapter 01: Introduction
Chapter 02: Mineral Exploration Technology
Chapter 03: Mineral Identification and
Characterization Studies
Chapter 04: Pre-feasibility Studies and UNFC
Classification of Mineral Resources
Chapter 05: Mining Technology
Chapter 06: Mineral Processing Technology
Chapter 07: Mineral and Metal Extraction
Technology
Group II: Description of Ores
Part I: Energy Resources for Metallurgical
Operations
Part II: Description of Ores and Minerals

METALLURGICAL ENGINEERING



PRODUCTION OF STEEL

(Theory and Practice)

R. H. Tupkary

ISBN: 9789355380173

Pages: 584

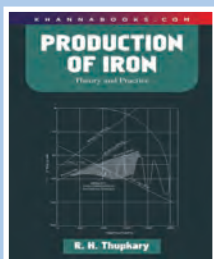
Year: 2023

Language: English

CONTENTS:

- Chapter 01:** Steels
- Chapter 02:** Basic Principles
- Chapter 03:** Refining Slags
- Chapter 04:** Modern Systemic Approach
- Chapter 05:** Thermodynamic And Kinetic Aspects
- Chapter 06:** Historical Perspective
- Chapter 07:** Modified Processes
- Chapter 08:** Raw Materials
- Chapter 09:** Efficiency
- Chapter 10:** SMS Lay-outs
- Chapter 11:** Electric Arc furnace
- Chapter 12:** Induction Furnace
- Chapter 13:** Conventional Alloy Steelmaking
- Chapter 14:** Designing
- Chapter 15:** Modern Electric Arc Furnace Processes
- Chapter 16:** BOF Process- Plant and Equipments
- Chapter 17:** BOF Process- Design and Practice
- Chapter 18:** Further Developments in BOF Process
- Chapter 19:** Oxygen Bottom Blowing Processes (OBM)
- Chapter 20:** Hybrid BOF Processes
- Chapter 21:** EAF with Oxygen Lancing
- Chapter 22:** Secondary Steelmaking Process
- Chapter 23:** Solidification of Steel
- Chapter 24:** Vacuum Treatment of Liquid Steels
- Chapter 25:** Continuous Casting of Steel
- Chapter 26:** Commentary on Practical Steelmaking
- Chapter 27:** Values from SMS wastes
- Chapter 28:** Dynamic Material Balancing
- Chapter 29:** Steel Plant Management practices

METALLURGICAL ENGINEERING



PRODUCTION OF IRON

(Theory and Practice)

R. H. Tupkary

ISBN: 9789355380258

Pages: 488

Year: 2023

Language: English

CONTENTS:

- Chapter 01:** Irons
- Chapter 02:** Evolution
- Chapter 03:** Blast Furnace Complex
- Chapter 04:** Refractory Lining
- Chapter 05:** Raw Materials- 1 Iron Ores and Coals
- Chapter 06:** Raw Material-2 Coke
- Chapter 07:** Burden Distribution
- Chapter 08:** Burden Preparation-1 Treatment of Iron Ores
- Chapter 09:** 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-2 Electro-Thermal Processes
- Chapter 23:** Alternative Routes-3 Sponge Iron Production
- Chapter 24:** Alternative Routes-4 Smelting Reduction (SR)

OBJECTIVE TYPE BOOKS FOR COMPETITION



ALL-IN-ONE ELECTRONICS SIMPLIFIED

AICTE RECOMMENDED

A.K. Maini, Nakul Maini

ISBN: 9789386173393

Pages: 906

Year: 2021

Language: English

CONTENTS:

Chapter 1: Resistors and Resistive Networks;

Chapter 2: Capacitors and Capacitive Networks;

Chapter 3: Inductors and Transformers;

Chapter 4: Hardware Electronic Components;

Chapter 5: Network Fundamentals Network Graphs - Mesh Current Analysis - Node Voltage Analysis - RLC Transients - Voltage and Current Sources - Coupled;

Chapter 6: Network Theorems;

Chapter 7: Fourier Analysis of Waveform;

Chapter 8: Two-Port Networks and State Equations;

Chapter 9: Diodes and Transistors;

Chapter 10: Field Effect Transistors;

Chapter 11: UJT's and Thyristors;

Chapter 12: Optoelectronic Devices;

Chapter 13: Amplifiers;

Chapter 14: Oscillators Sinusoidal and Non-sinusoidal;

Chapter 15: Linear Power Supplies;

Chapter 16: Switched Mode Power Supplies;

Chapter 17: Wave Shaping Circuits;

Chapter 18: Operational Amplifiers Fundamental-Types-Characteristic Parameters;

Chapter 19: Operational Amplifiers Application Circuits;

Chapter 20: IC Timers;

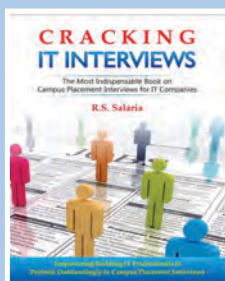
Chapter 21: Phase Locked Loops;

Chapter 22: Digital Electronics Fundamental Number Systems and Codes-Binary Arithmetic Boolean Algebra and Minimisation Techniques;

Chapter 23: Logic Gates Logic Families and Combinational Logic Circuits;

...

OBJECTIVE TYPE BOOKS FOR COMPETITION



CRACKING IT INTERVIEWS

R.S. Salaria

ISBN: 9789382609964

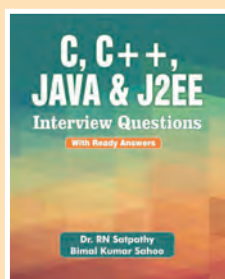
Pages: 288

Year: 2020

Language: English

CONTENTS:

Chapter 1: Introduction to Interview Process
Chapter 2: Basic Computer Concepts
Chapter 3: The C Language
Chapter 4: Data Structures and Algorithms
Chapter 5: Object-Oriented Concepts
Chapter 6: The C++ Language
Chapter 7: The Java Language



C, C++, JAVA & J2EE INTERVIEW QUESTIONS (With ready Answers)

AICTE RECOMMENDED

**R.N. Satpathy,
Bimal Kumar Sahoo**

ISBN: 9789382609711

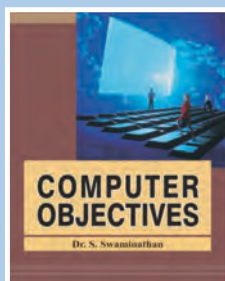
Pages: 364

Year: 2016

Language: English

CONTENTS:

Chapter 1: C;
Chapter 2: C++;
Chapter 3: Basic Java;
Chapter 4: String Handling;
Chapter 5: Exception Handling;
Chapter 6: Multithreading;
Chapter 7: Garbage Collector;
Chapter 8: Iostream;
Chapter 9: Abstract Windows Toolkit (AWT);
Chapter 10: Event Handling;
Chapter 11: Java Swing;
Chapter 12: Java Applet;
Chapter 13: Collection Framework;
Chapter 14: Java Database Connectivity (JDBC);
Chapter 15: Java Networking;
Chapter 16: Remote Method Invocation (RMI);
Chapter 17: Unified Modelling Language (UML);
Chapter 18: J2EE & XML



COMPUTER OBJECTIVES

AICTE RECOMMENDED

S. Swaminathan

ISBN: 9788190675888

Pages: 406

Year: 2014

Language: English

CONTENTS:

Chapter 1: Digital;
Chapter 2: Computer Architecture;
Chapter 3: Operating Systems;
Chapter 4: Data Structures;
Chapter 5: 8085 Microprocessor;
Chapter 6: Automata Theory;
Chapter 7: Computer Networks;
Chapter 8: Compilers;
Chapter 9: DBMS;
Chapter 10: C Language;
Chapter 11: Object Oriented Programming with C++;
Chapter 12: Probability Theory;
Chapter 13: Discrete Mathematics;
Chapter 14: Matrix Algebra;
Chapter 15: Combinatorics;
Chapter 16: Numerical Analysis;
Chapter 17: Graph Theory;
Chapter 18: Gate Papers with Solutions

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S MULTICHOICE QUESTIONS & ANSWERS IN ENVIRONMENTAL ENGINEERING

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789391505073

Pages: 582

Year: 2021

Language: English

CONTENTS:

Section A: Short Questions & Answers

Chapter 1: Environmental Pollution;

Chapter 2: Air Pollution;

Chapter 3: Water Pollution;

Chapter 4: Waste Water Treatment;

Chapter 5: Marine Pollution;

Chapter 6: Noise Pollution;

Chapter 7: Soil/Land Pollution;

Chapter 8: Solid Waste Pollution;

Chapter 9: Radioactive/Nuclear Pollution;

Chapter 10: Environmental Studies;

Chapter 11: Ozone layer Depletion and its Health Effects;

Chapter 12: Climate Change;

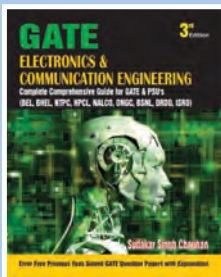
Chapter 13: ISO-14000;

Chapter 14: Smoking and its Health Effects;

Chapter 15: Electrical Hazards

Section B: Multiple Choice Questions and Answers

Chapter 16: Multiple Choice Question and Answers on Environmental engineering



GATE ELECTRONICS AND COMMUNICATION ENGINEERING

AICTE RECOMMENDED

S.S. Chauhan

ISBN: 9789382609636

Pages: 536

Year: 2015

Edition: Third

Language: English

CONTENTS:

Chapter 1: Network Theory;

Chapter 2: Electronic Devices & Analog Circuits;

Chapter 3: Digital Circuits;

Chapter 4: Microprocessors;

Chapter 5: Control System;

Chapter 6: Signals & System;

Chapter 7: Communication System;

Chapter 8: Electromagnetic Field Theory;

Chapter 9: Engineering Mathematics;

Chapter 10: General Aptitude;

Chapter 11: Gate 2013 Solved Paper;

Chapter 12: Gate 2014 Solved Paper;

Chapter 13: Gate 2015 Solved Paper;

Chapter 14: Model Test Paper-1;

Chapter 15: Model Test Paper-2;

Chapter 16: Model Test Paper-3;

Chapter 17: Model Test Paper-4;

Chapter 18: Model Test Paper-5

OBJECTIVE TYPE BOOKS FOR COMPETITION



JAVA/J2EE INTERVIEW QUESTIONS (With Ready Answers)

AICTE RECOMMENDED

Arunesh Goyal

ISBN: 9789381068847

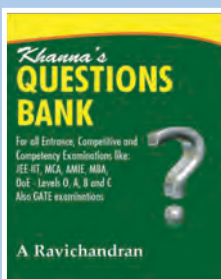
Pages: 240

Year: 2013

Language: English

CONTENTS:

Chapter 1: Core Java & OOP;
Chapter 2: Applets;
Chapter 3: Networking;
Chapter 4: Threading;
Chapter 5: Databases & JDBC;
Chapter 6: Servlets & JSP;
Chapter 7: EJB;
Chapter 8: Struts;
Chapter 9: Web Services & Xml;
Chapter 10: Internationalization;
Chapter 11: JNI;
Chapter 12: Architecture (Including Design Patterns);
Chapter 13: UML;
Chapter 14: Project Management;
Chapter 15: The Software Development Process;
Chapter 16: Bonus Interview Questions On C#, .Net



KHANNA'S QUESTION BANK

Ravichandran

ISBN: 9789380016580

Pages: 444

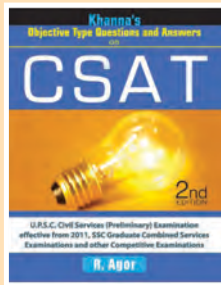
Year: 2010

Language: English

CONTENTS:

Chapter 1: Web Technology;
Chapter 2: Application Software;
Chapter 3: Programming with C;
Chapter 4: UNIX;
Chapter 5: Principles of Programming Languages;
Chapter 6: Operating Systems;
Chapter 7: Automata Theory;
Chapter 8: Compiler Design;
Chapter 9: Computer Organization;
Chapter 10: Data Structures;
Chapter 11: SQL PLUS PL/SQL Forms and Reports;
Chapter 12: Database Management Systems;
Chapter 13: Computer Networks and Security;
Chapter 14: Object Oriented Programming using C++;
Chapter 15: Software Engineering;
Chapter 16: System Software;
Chapter 17: Computer Graphics;
Chapter 18: JAVA Programming;
Chapter 19: Computer Science Question Paper for GATE 2007;
Chapter 20: Computer Science Questions Paper for GATE 2008;
Chapter 21: Computer Science Questions Paper for GATE 2009

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S CSAT [OBJECTIVE TYPE QUESTIONS AND ANSWERS]

R. Agor

ISBN: 9789382609483

Pages: 938

Year: 2014

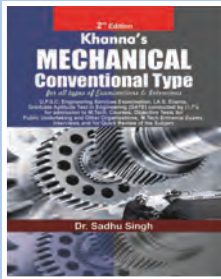
Edition: Second

Language: English

CONTENTS:

- Chapter 1:** History Of Vedic Age;
- Chapter 2:** Ancient History Of India;
- Chapter 3:** Indus Valley Civilization;
- Chapter 4:** Post-Maurayan Period (200BC-300AD);
- Chapter 5:** The Delhi Sultanates (1206-1526);
- Chapter 6:** The Mughal Dynasty;
- Chapter 7:** The Mughal Emperors: Jahangir & Shahjahan
- Chapter 8:** Religious Policy Of Akbar;
- Chapter 9:** India Awakening;
- Chapter 10:** Indian Struggle For Independence (1857 to 1947);
- Chapter 11:** Heritage Of India;
- Chapter 12:** Indian Polity & Government;
- Chapter 13:** The Indian Central Government;
- Chapter 14:** Indian State Government;
- Chapter 15:** Local Self Government;
- Chapter 16:** General Electronic in Indian Democracy;
- Chapter 17:** Indian National Movement (AD 1923-39);
- Chapter 18:** Quit India Movement (August Kranti 1942)
- Chapter 19:** Indian Foreign n Policy;
- Chapter 20:** Indian Political Geography;
- Chapter 21:** Indian Physical Geography;
- Chapter 22:** Physical Features On Earth;s Surface;
- Chapter 23:** The Earth;s Surface & Atmosphere;
- Chapter 24:** Basic Of Numeracy;
- Chapter 25:** General Science;
- Chapter 26:** Indian Resources & Development;
- Chapter 27:** Indian Minerals & Energy Resources;
- Chapter 28:** The Salient Features of India Constitution;
- Chapter 29:** The Components of Government and Their Functions;
- Chapter 30:** Judiciary of India;
- Chapter 31:** Preventive and Social Medicine;
- Chapter 32:** Functions in Human Body;
- Chapter 33:** The World Oceans and their Configurations;
- Chapter 34:** English Comprehension

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S MECHANICAL CONVENTIONAL TYPE

Sadhu Singh

ISBN: 9789382609612

Pages: 1098

Year: 2015

Edition: Second

Language: English

CONTENTS:

Mechanical Engineering Paper I - 1992 - 2014



KHANNA'S MECHANICAL OBJECTIVE TYPE

Sadhu Singh

ISBN: 9789382609605

Pages: 1100

Year: 2015

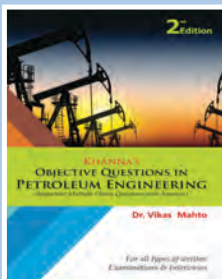
Edition: Second

Language: English

CONTENTS:

Chapter 1: Thermodynamics;
Chapter 2: Internal Combustion Engines;
Chapter 3: Heat and Mass Transfer;
Chapter 4: Refrigeration and Air-Conditioning;
Chapter 5: Fluid Mechanics;
Chapter 6: Fluid Machinery;
Chapter 7: Power Plant Technology;
Chapter 8: Turbomachinery;
Chapter 9: Engineering Mechanics;
Chapter 10: Strength of Material;
Chapter 11: Theory of Machines;
Chapter 12: Vibration Analysis;
Chapter 13: Machine Design;
Chapter 14: Engineering Materials;
Chapter 15: Metal Forming;
Chapter 16: Metal Casting;
Chapter 17: Fabrications Process;
Chapter 18: Metal Cutting;
Chapter 19: Tool Engineering;
Chapter 20: Metrology and Inspection;
Chapter 21: Work Study;
Chapter 22: Inventory Control;
Chapter 23: Production Planning and Control;
Chapter 24: Operations Research

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S OBJECTIVE QUESTIONS IN PETROLEUM ENGINEERING

Vikas Mahto

ISBN: 9789386173249

Pages: 292

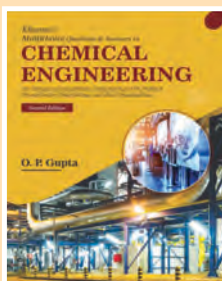
Year: 2021

Edition: Second

Language: English

CONTENTS:

Chapter 1: Petroleum Exploration;
Chapter 2: Oil and Gas Well Drilling Technology;
Chapter 3: Reservoir Engineering;
Chapter 4: Petroleum Production Operation-I;
Chapter 5: Petroleum Production Operation-II;
Chapter 6: Offshore Drilling and production Practices;
Chapter 7: Petroleum Formation Evaluation;
Chapter 8: Oil and gas Well Testing;
Chapter 9: Health safety and Environment in petroleum Industries;
Chapter 10: Enhanced Oil Recovery Techniques;
Chapter 11: Unconventional Hydrocarbon Resources;
Chapter 12: Hints and Solutions



KHANNA'S MULTICHOICE QUESTIONS & ANSWERS IN CHEMICAL ENGINEERING

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789355380265

Pages: 1000

Year: 2021

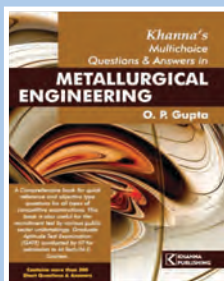
Edition: Second

Language: English

CONTENTS:

Section-I: MCQ of Chemical Engineering Subjects
Section-II: Chapter wise GATE Questions & Answers From 1990 to 2010
Section -III: Interview Questions & Answers
Section-VI: Year wise GATE Questions & Answers From 2011 to 2021

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S MULTICHOICE QUESTIONS & ANSWERS IN METALLURGICAL ENGINEERING

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789386173119

Pages: 1080

Year: 2023

Language: English

CONTENTS:

Section A – MCQ of Metallurgical Engineering

Chapter 1: General Metallurgy;
Chapter 2: Mineral Dressing;
Chapter 3: Iron Making;
Chapter 4: Steel Making;
Chapter 5: Extractive Metallurgy (Non-Ferrous);
Chapter 6: Mechanical Metallurgy;
Chapter 7: Physical Metallurgy;
Chapter 8: Materials Science;
Chapter 9: Fuel Technology;
Chapter 10: Furnace Technology;
Chapter 11: Refractory Technology;
Chapter 12: Foundry Metallurgy;
Chapter 13: Welding Metallurgy;
Chapter 14: Metallurgy of Nuclear Metals;
Chapter 15: Electrometallurgy and Corrosion;
Chapter 16: Metallurgical Testing & Inspection;
Chapter 17: Metallurgical Analysis;
Chapter 18: Physics of Metals;
Chapter 19: Metallurgical Thermodynamics;
Chapter 20: Metallurgical Kinetics;
Chapter 21: Miscellaneous Questions

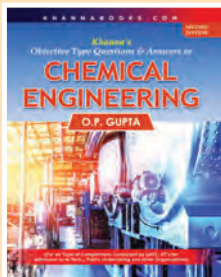
Section B – MCQ of GATE (Graduate Aptitude Test in Engineering)

Chapter 1: General Metallurgy;
Chapter 2: Mineral Dressing;
Chapter 3: Iron Making;
Chapter 4: Steel Making;
Chapter 5: Extractive Metallurgy (Non-Ferrous);
Chapter 6: Mechanical Metallurgy;
Chapter 7: Physical Metallurgy;
Chapter 8: Materials Science;
Chapter 9: Fuel Technology;
Chapter 10: Refractory Technology;
Chapter 11: Foundry Metallurgy;
Chapter 12: Welding Metallurgy;
Chapter 13: Electrometallurgy and Corrosion;
Chapter 14: Metallurgical Thermodynamics;
Chapter 15: Metallurgical Kinetics;
Chapter 16: Miscellaneous Questions;
Chapter 17: GATE– 2017

Section- C Short Questions & Answers in Metallurgical Engineering

Glossary

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S OBJECTIVE TYPE QUESTIONS AND ANSWERS IN CHEMICAL ENGINEERING

O.P. Gupta

ISBN: 9788195123193

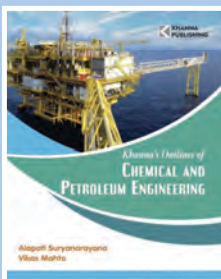
Pages: 500

Year: 2023

Language: English

CONTENTS:

Chapter 1: Fluid Mechanics;
Chapter 2: Stoichiometry (Process Calculation);
Chapter 3: Mechanical Operation;
Chapter 4: Chemical Process Industries (Chemical Technology);
Chapter 5: Petroleum Refinery Engineering;
Chapter 6: Fertiliser Technology;
Chapter 7: Heat Transfer;
Chapter 8: Mass Transfer;
Chapter 9: Process Control and Instrumentation;
Chapter 10: Chemical Engineering Thermodynamics;
Chapter 11: Chemical Reaction Engineering;
Chapter 12: Fuels and Combustion;
Chapter 13: Materials of Construction;
Chapter 14: Process Equipment Design;
Chapter 15: Chemical Engineering Economics;
Chapter 16: Environmental Engineering;
Chapter 17: Polymer Technology;
Chapter 18: Petrochemical Questions;
Chapter 19: Miscellaneous Questions;
Chapter 20: Interview Questions & Answers; Gate-2018; Gate-2019; Gate-2020; Gate 2021



KHANNA'S OUTLINES OF CHEMICAL & PETROLEUM ENGINEERING

AICTE RECOMMENDED

**Suryanaryana and
Vikas Mahto**

ISBN: 9789386173195

Pages: 672

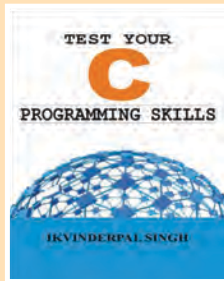
Year: 2018

Language: English

CONTENTS:

Chapter 1: Stoichiometry;
Chapter 2: Mechanical Operations;
Chapter 3: Fuels and Combustion;
Chapter 4: Chemical Technology;
Chapter 5: Fluid Mechanics;
Chapter 6: Heat Transfer;
Chapter 7: Mass Transfer;
Chapter 8: Thermodynamics;
Chapter 9: Chemical Reaction Engineering;
Chapter 10: Instrumentation and Process Control;
Chapter 11: Equipment Design and Economics;
Chapter 12: Computers;
Chapter 13: Petroleum Engineering;
Chapter 14: Energy Conservation and Safety;
Chapter 15: Optimization;
Chapter 16: Environmental Engineering;
Chapter 17: Summary of Wquations;
Chapter 18: Mathematics;
Chapter 19: Material Science and Engineering;
Chapter 20: Corrosion Engineering;
Chapter 21: Safety Engineering;
Chapter 22: Petroleum Engineering

OBJECTIVE TYPE BOOKS FOR COMPETITION



TEST YOUR C PROGRAMMING SKILLS

Ikvinderpal Singh

ISBN: 9789380016252

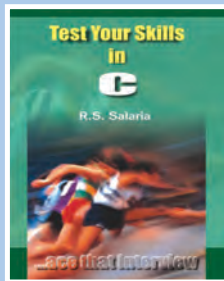
Pages: 760

Year: 2011

Language: English

CONTENTS:

Chapter 1: Getting Started;
Chapter 2: Operators and Expressions;
Chapter 3: Console Input and Output;
Chapter 4: Control Flow Statements;
Chapter 5: Arrays;
Chapter 6: Strings;
Chapter 7: Functions;
Chapter 8: Storage Classes;
Chapter 9: Pointers;
Chapter 10: Structure and Union;
Chapter 11: Files;
Chapter 12: C Preprocessor;
Chapter 13: C Traps



TEST YOUR SKILLS IN C

R.S. Salaria

ISBN: 9788187325499

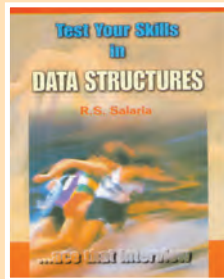
Pages: 298

Year: 2016

Language: English

CONTENTS:

Chapter 0: 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



TEST YOUR SKILLS IN DATA STRUCTURES

R.S. Salaria

ISBN: 9788187325475

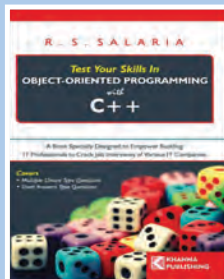
Pages: 268

Year: 2016

Language: English

CONTENTS:

Chapter 0: 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



TEST YOUR SKILLS IN OBJECT ORIENTED PROGRAMMING WITH C++

R.S. Salaria

ISBN: 9789382609872

Pages: 340

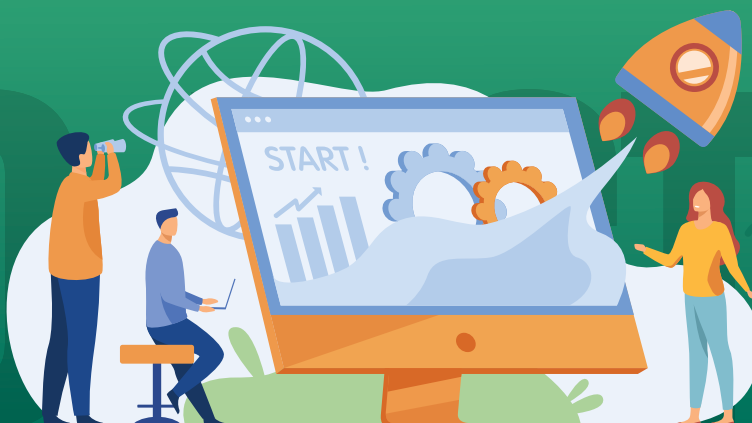
Year: 2016

Language: English

CONTENTS:

Chapter 0: Some Useful Tips;
Chapter 1: Object-Oriented Programming Concepts;
Chapter 2: Functions in C++;
Chapter 3: Pointers in C++;
Chapter 4: Classes and Objects;
Chapter 5: Constructor and Destructors;
Chapter 6: Operator Overloading and Type Conversion;
Chapter 7: Inheritance;
Chapter 8: Virtual Function and Polymorphism;
Chapter 9: Exception Handling;
Chapter 10: Templates and Generic Programming;
Chapter 11: Input/Output in C++

PROJECT BOOKS



ASP.NET 3.5 PROJECTS

WebTech Sol.

ISBN: 9788190645140

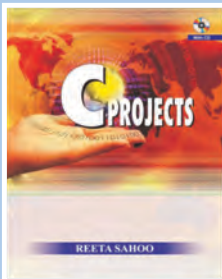
Pages: 496

Year: 2013

Language: English

CONTENTS:

Chapter 1: Project Finance Management;
Chapter 2: On Line Examination;
Chapter 3: Tax Saving System;
Chapter 4: Guest Book Entry;
Chapter 5: File Manager;
Chapter 6: Banking Transaction;
Chapter 7: Inventory Management System;
Chapter 8: World of Recipe;
Chapter 9: On Line Contact Information



C PROJECTS

Reeta Sahoo

ISBN: 9788187522300

Pages: 658

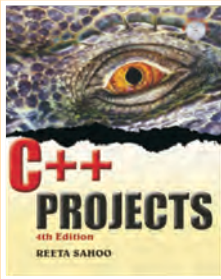
Year: 2013

Language: English

CONTENTS:

Chapter 1: Introduction;
Chapter 2: Restaurant Billing System;
Chapter 3: Electronic Voting System;
Chapter 4: Banking System;
Chapter 5: Pay Manager;
Chapter 6: Library Management System;
Chapter 7: Music Shop Management;
Chapter 8: Year Calendar;
Chapter 9: Drawing Logo;
Chapter 10: Bricks Game;
Chapter 11: Charts and Graphs;
Chapter 12: Graphics Demo;
Chapter 13: Utility Services

PROJECT BOOKS



C++ PROJECTS

Reeta Sahoo

ISBN: 9788190645188

Pages: 628

Year: 2007

Edition: Fourth

Language: English

CONTENTS:

Chapter 1: Computerized Billing System;

Chapter 2: Video Library Managements System;

Chapter 3: Banking Transaction System;

Chapter 4: Library Management System;

Chapter 5: Hotel Management System;

Chapter 6: Payroll Management System;

Chapter 7: Screen Saver;

Chapter 8: Clock-cum-Calendar;

Chapter 9: Charts and Graphs;

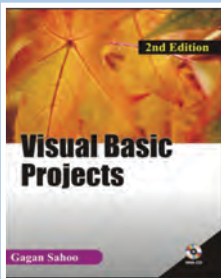
Chapter 10: Paint Brush;

Chapter 11: DOS Utility;

Chapter 12: Ludo-cum-Snakes and Ladder;

Chapter 13: Bricks Game;

Chapter 14: Chess Master



VISUAL BASIC PROJECTS

Gagan Sahoo

ISBN: 9788187325123

Pages: 524

Year: 2013

Edition: Second

Language: English

CONTENTS:

Chapter 1: Pay Manager;

Chapter 2: Banking System;

Chapter 3: School Management System;

Chapter 4: Accounts Receivable System;

Chapter 5: Amusement Park System;

Chapter 6: Nursing Home Automation System;

Chapter 7: Sales Management System;

Chapter 8: Math Test;

Chapter 9: Chart Master;

Chapter 10: Notepad Editor;

Chapter 11: Screen Blanker;

Chapter 12: Tank Fighting;

Chapter 13: Tic Tac Toe;

Chapter 14: Star War Game



SCIENCE AND COSMOLOGY



THE TRUTH OF THE ORIGIN OF THE UNIVERSE

**CREATION, SCIENCE FICTION OR
SCIENCE MADNESS?**

Sabrie Soloman

ISBN: 9789355387745

Pages: 314

Year: 2024

Language: English

CONTENTS:

Chapter 1: Chapter 1: The Universe
Chapter 2: The Evolution of The “Big Band”
Chapter 3: The Origin of The Universe
Chapter 4: The Hypothesis of Multiverse
Chapter 5: The Mystery of Gravity
Chapter 6: The Mystery of Our Unique Earth



THE TRUTH OF THE ORIGIN OF THE UNIVERSE

LIFE ORIGIN - BLACK HOLE - GOD

Sabrie Soloman

ISBN: 9789355382610

Pages: 318

Year: 2024

Language: English

CONTENTS:

Chapter 7: Intelligent Design in Everyday Reasoning
Chapter 8: Molecular Intelligent Design
Chapter 9: The Blackhole
Chapter 10: Our Milky Way Galaxy
Chapter 11: The Universe is Finely Tuned for Life
Chapter 12 : Divine Design

SCIENCE AND COSMOLOGY



THE TRUTH OF THE ORIGIN OF THE UNIVERSE

**UNDESERVING CREDIT- BIG BANG
- UFO's**

Sabrie Soloman

ISBN: 9789355382702

Pages: 346

Year: 2024

Language: English

CONTENTS:

Chapter 13: The Hypes about Big Bang Theory

Chapter 14: Blackhole – Space – Time Warp

Chapter 15: Understanding Time Dilation

Chapter 16: Understanding the Unidentified
Flying Objects UFO's

Chapter 17: The String Theory and the Origin of
the Universe

Chapter 18: Carbon Dating

Chapter 19: Carbon Dating Historical Models



THE TRUTH OF THE ORIGIN OF THE UNIVERSE

**MATURED CREATION - FINELY
TUNED EARTH**

Sabrie Soloman

ISBN: 9789355387158

Pages: 350

Year: 2024

Language: English

CONTENTS:

Chapter 20: Young Universe – Young Earth

Chapter 21: Saturn, Uranus, Neptune and
Jupiter Are Young Planets

Chapter 22: Earth's Magnetic Field – Earth Age

Chapter 23: Can Science Prove The Age of The
Earth

Chapter 24: Life in A Finely Tuned Cosmos

Chapter 25: The Entity of The Creator

Chapter 26: Isaac Newton's Recognition of The
Creator



THE TRUTH OF THE ORIGIN OF THE UNIVERSE

**GOD'S SIGNATURE IN DNA:
RAPTURE – GREAT TRIBULATION -
WORLD WAR III**

Sabrie Soloman

ISBN: 9789355388582

Pages: 360

Year: 2024

Language: English

CONTENTS:

Chapter 27: The Signature of the Creator in DNA

Chapter 28: The Universe is Being Held Together

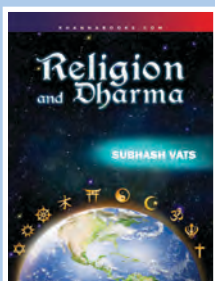
Chapter 29: The Moral Laws

Chapter 30: The Mystery of 6-Days Creatio

Chapter 31: The Beginning and the Ending of the
Universe

Chapter 32: Will Robots Inherit the Earth?

SOCIAL ENGINEERING



RELIGION AND DHARMA

Subhash Vats

ISBN: 9789355386854

Pages: 280

Year: 2024

Language: English

CONTENTS:

Chapter 1: Religions of the World

Chapter 2: Hinduism or Sanatan Dharma

Chapter 3: Treaties on Dharma

Chapter 4: Exponents of Sanatan Philosophy

Chapter 5: Dharma vs Religion

Chapter 6: Comparative study of Santana
Philosophy with other Religions
Including the Abrahamic Religions

Chapter 7: Philosophy of Abrahamic Religions
Including Christianity, Islam and
Judaism

Chapter 8: Metaphysical Issues in the
Philosophy of Religion

Chapter 9: Buddhism

Chapter 10: Jainism

Chapter 11: Sikhism

Chapter 12: Islam

Chapter 13: Christianity

Chapter 14: Judaism

Chapter 15: Zoroastrianism

Chapter 16: Minor Religions

Chapter 17: Wokeism

Chapter 18: Muslims in Modern Society

Chapter 19: Religion and Dharma in the
Modern Era

Chapter 20: Religions Conversation and
Proselytization

Chapter 21: Conversion of Hindus

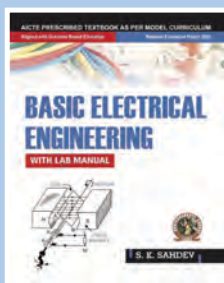
Chapter 22: LGBT Culture in India

AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020



AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020 (Also available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kanada, Bengali, Malayalam)

UNDER GRADUATE



BASIC ELECTRICAL ENGINEERING

(with Lab Manual)

AICTE PRESCRIBED

S.K. Sahdev

ISBN: 9789391505158

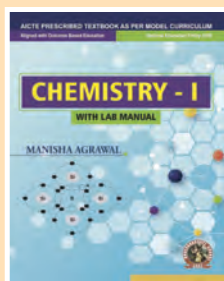
Pages: 412

Year: 2022

Language: English

CONTENTS:

Chapter 1: DC Circuits;
Chapter 2: AC Circuits;
Chapter 3: Transformers;
Chapter 4: Electrical Machines;
Chapter 5: Power Converters;
Chapter 6: Electrical Installations



CHEMISTRY-I

(with Lab Manual)

AICTE PRESCRIBED

Manisha Agarwal

ISBN: 9789391505141

Pages: 220

Year: 2024

Language: English

CONTENTS:

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;

AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020

(Also available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kanada, Bengali, Malayalam)



ENGINEERING GRAPHICS & DESIGN

AICTE PRESCRIBED

Pradeep Jain

ISBN: 9789391505066

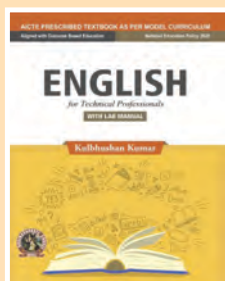
Pages: 252

Year: 2024

Language: English

CONTENTS:

- 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:** Customisation & CAD;
- Chapter 8:** Annotation Layers and 3D Modelling;
- Chapter 9:** Projects



ENGLISH (with Lab Manual)

AICTE PRESCRIBED

Kulbhushan Kumar

ISBN: 9789391505097

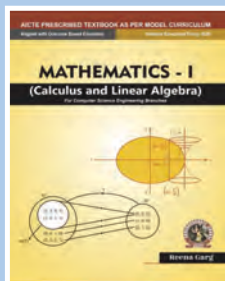
Pages: 228

Year: 2024

Language: English

CONTENTS:

- Chapter 1:** Vocabulary Building;
- Chapter 2:** Basic Writing Skills;
- Chapter 3:** Identifying Common Errors in Writing;
- Chapter 4:** Nature and Style of Sensible Writing;
- Chapter 5:** Writing Practices;
- Chapter 6:** Oral Communication



MATHEMATICS - I CALCULUS AND LINEAR ALGEBRA [For Computer Science Engineering Branches]

AICTE PRESCRIBED

Reena Garg

ISBN: 9789391505271

Pages: 412

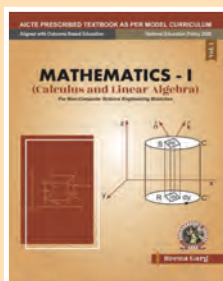
Year: 2022

Language: English

CONTENTS:

- Chapter 1:** Calculus-I;
- Chapter 2:** Calculus-II;
- Chapter 3:** Matrices;
- Chapter 4:** Vector Spaces –I;
- Chapter 5:** Vector Spaces – II

AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020
(Also available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kanada, Bengali, Malayalam)



MATHEMATICS - I
CALCULUS AND
LINEAR ALGEBRA
[For Non-Computer Science
Engineering Branches]

AICTE PRESCRIBED

Reena Garg

ISBN: 9789391505172

Pages: 596

Year: 2022

Language: English

CONTENTS:

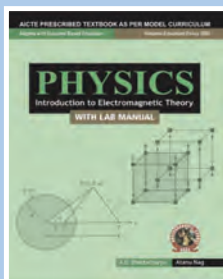
Chapter 1: Calculus-I;

Chapter 2: Calculus-II;

Chapter 3: Sequences and Series;

Chapter 4: Multivariable Calculus –I;

Chapter 5: Matrices



PHYSICS
(INTRODUCTION TO
ELECTROMAGNETIC
THEORY)

(with Lab Manual)

AICTE PRESCRIBED

A.B. Bhattacharya,
Atanu Nag

ISBN: 9789391505165

Pages: 308

Year: 2022

Language: English

CONTENTS:

Unit 1: Electrostatics in Vacuum;

Unit 2: Electrostatics in Linear Dielectric
Medium;

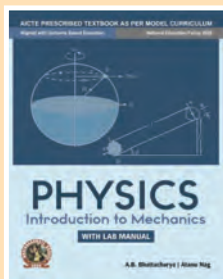
Unit 3: Magnetostatics;

Unit 4: Magnetostatics in Linear Dielectric
Medium;

Unit 5: Faraday's Law;

Unit 6: Maxwell's Equations;

Unit 7: Electromagnetic Waves



PHYSICS
(INTRODUCTION TO
MECHANICS)

(with Lab Manual)

AICTE PRESCRIBED

A.B. Bhattacharya,
Atanu Nag

ISBN: 9789391505059

Pages: 228

Year: 2024

Language: English

CONTENTS:

Unit 1: Introductory Mechanics;

Unit 2: Conservation Principles;

Unit 3: Dynamics of Particles;

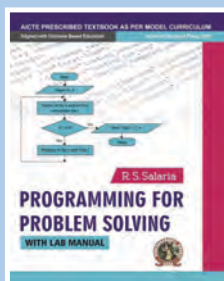
Unit 4: Oscillations;

Unit 5: Rotational Motion;

Unit 6: Dynamics of a Right Body

AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020

(Also available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kanada, Bengali, Malayalam)



PROGRAMMING FOR PROBLEM SOLVING

(with Lab Manual)

AICTE PRESCRIBED

R.S. Salaria

ISBN: 9789391505219

Pages: 348

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction to Programming;

Chapter 2: Arithmetic Expressions and Precedence;

Chapter 3: Conditional Branching and Loops;

Chapter 4: Arrays;

Chapter 5: Basic Algorithms;

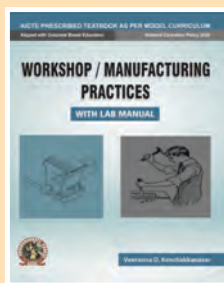
Chapter 6: Functions;

Chapter 7: Recursion;

Chapter 8: Structures;

Chapter 9: Pointers;

Chapter 10: File Handling



WORKSHOP / MANUFACTURING PRACTICES

(with Lab Manual)

AICTE PRESCRIBED

Veeranna D.K.

ISBN: 9789391505332

Pages: 172

Year: 2024

Language: English

CONTENTS:

Part- A: Manufacturing Practices

Chapter 1: Manufacturing Methods;

Chapter 2: CNC Machining, Additive manufacturing, Fitting operations & power tools;

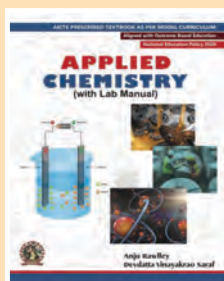
Chapter 3: Electrical & Electronic;

Chapter 4: Carpentry, Plastic moulding, glass cutting;

Chapter 5: Metal casting, welding (arc welding & gas welding), brazing

Part- B: Workshop Practice Laboratory Appendices

DIPLOMA



APPLIED CHEMISTRY

(with Lab Manual)

AICTE PRESCRIBED

**Anju Rawlley,
Devdatta Vinayakrao Saraf**

ISBN: 9789391505448

Pages: 256

Year: 2024

Language: English

CONTENTS:

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

AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020
(Also available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kanada, Bengali, Malayalam)



APPLIED PHYSICS-I
(with Lab Manual)

AICTE PRESCRIBED

Vinod Kumar Yadav,
Mina Talati

ISBN: 9789391505431

Pages: 200

Book Code: DIP120EN

Year: 2023

Language: English

CONTENTS:

Unit 1: Physical World, Units and Measurements;

Unit 2: Force and Motion;

Unit 3: Work, Power and energy;

Unit 4: Rotational Motion;

Unit 5: Properties of Matter;

Unit 6: heat and Thermometry



APPLIED PHYSICS-II
(with Lab Manual)

AICTE PRESCRIBED

Hussain Jeevakhan

ISBN: 9789391505578

Pages: 228

Book Code: DIP126EN

Year: 2024

Language: English

CONTENTS:

Chapter 1: Wave Motion and its applications;

Chapter 2: Optics;

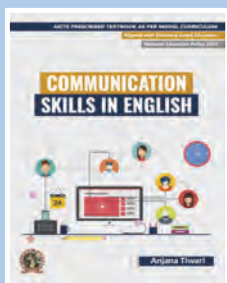
Chapter 3: Electrostatics;

Chapter 4: Current Electricity;

Chapter 5: Electromagnetism;

Chapter 6: Semiconductor physics;

Chapter 7: Modern physics;



COMMUNICATION SKILLS IN ENGLISH

AICTE PRESCRIBED

Anjana Tiwari

ISBN: 9789391505493

Pages: 212

Book Code: DIP122EN

Year: 2024

Language: English

CONTENTS:

Unit-1 Communication: Theory and Practice;

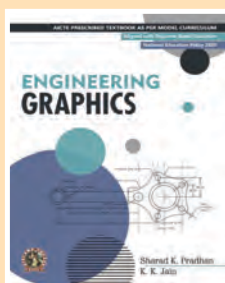
Unit-2 Soft Skills for Professional Excellence;

Unit-3 Reading Comprehension;

Unit-4 Professional Writing;

Unit-5 Vocabulary and Grammar

AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020
(Also available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kannda, Bengali, Malayalam)



**ENGINEERING
GRAPHICS**

AICTE PRESCRIBED

Sharad K. Pradhan

ISBN: 9789391505509

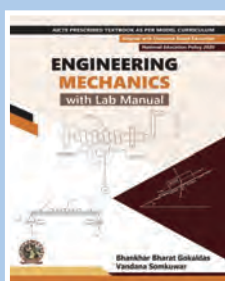
Pages: 272

Year: 2023

Language: English

CONTENTS:

- UNIT 1:** Basic Elements of Drawing;
- UNIT 2:** Orthographic Projections;
- UNIT 3:** Isometric Projections;
- UNIT 4:** Free Hand Sketches of Engineering Elements;
- UNIT 5:** Computer Aided Drafting Interface;
- UNIT 6:** Computer Aided Drafting



**ENGINEERING
MECHANICS**

(with Lab Manual)

AICTE PRESCRIBED

**Bhankhar Bharat Gokaldas,
Vandana Somkuwar**

ISBN: 9789391505608

Pages: 188

Year: 2023

Language: English

CONTENTS:

- Chapter 1:** Basic of Mechanics and Force System;
- Chapter 2:** Equilibrium;
- Chapter 3:** Friction;
- Chapter 4:** Centroid and Centre of Gravity;
- Chapter 5:** Centroid and Centre of Gravity;



**ENVIRONMENTAL
SCIENCE**

AICTE PRESCRIBED

Subrat Roy

ISBN: 9789391505653

Pages: 120

Year: 2023

Language: English

CONTENTS:

- Unit 1:** Ecosystem;
- Unit 2:** Air and Noise pollution;
- Unit 3:** Renewable sources of Energy;
- Unit 4:** Soil waste Management, ISO 14000 & Environmental management

AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020
(Also available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kannda, Bengali, Malayalam)



ENGINEERING WORKSHOP PRACTICE

AICTE PRESCRIBED

A. K. Sarathe

ISBN: 9789391505516

Pages: 176

Year: 2024

Language: English

CONTENTS:

UNIT 1: Carpentry;
UNIT 2: Fitting;
UNIT 3: Welding Tools and Equipment;
UNIT 4: Sheet Metal Working;
UNIT 5: Electrical House wiring



FUNDAMENTALS OF ELECTRICAL AND ELECTRONICS ENGINEERING (with Lab Manual)

AICTE PRESCRIBED

**Susan S. Mathew,
Saji T. Chacko**

ISBN: 9789391505592

Pages: 212

Year: 2023

Language: English

CONTENTS:

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



INTRODUCTION TO IT SYSTEMS (with Lab Manual)

AICTE PRESCRIBED

Prashant Joshi

ISBN: 9789391505585

Pages: 220

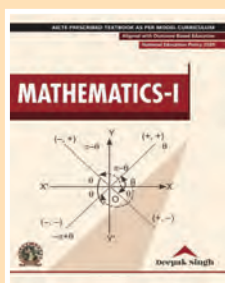
Year: 2023

Language: English

CONTENTS:

UNIT 1: Internet skills and computer Basics;
UNIT 2: Operating Systems;
UNIT 3: HTML AND CSS;
UNIT 4: Open Office Tools;
UNIT 5: Information Security Best Practices

AICTE PRESCRIBED TEXTBOOK AS PER NEP 2020
(Also available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kannda, Bengali, Malayalam)



MATHEMATICS-I

AICTE PRESCRIBED

Deepak Singh

ISBN: 9789391505424

Pages: 180

Year: 2023

Language: English

CONTENTS:

Chapter 1: Trigonometry;

Chapter 2: Functions and Limit;

Chapter 3: Differential Calculus;

Chapter 4: Complex Numbers and Partial Fraction;

Chapter 5: Permutation and Combination, Binomial Theorem



MATHEMATICS-II

AICTE PRESCRIBED

Garima Singh

ISBN: 9789391505523

Pages: 160

Year: 2023

Language: English

CONTENTS:

Chapter 1: Determinants and Matrices;

Chapter 2: Integral Calculus;

Chapter 3: Co-ordinate Geometry;

Chapter 4: Vector Algebra;

Chapter 5: Differential Equations;

Chapter 6: Appendices & Annexures

SOME APPRECIATIONS AND RECOGNITIONS

The quality books in the genre of Engineering & Technology, published by Khanna Book Publishing House are excellent in content and are appreciated by academicians and students world-wide.

**Dr. Manju Singh, Joint Secretary,
University Grants Commission (UGC)**

Books from Khanna Publishing House are quite popular amongst students and faculties in India as well as abroad.

**Dr. Kartik Hegadekatti, Deputy Secretary,
Prime Minister's Office (PMO)**

Khanna Book Publishing House, started in 1962 and continuing to publish quality books of high eminent academicians on Engineering & Technology from which many students, professionals and engineers have benefited.

**Dr. J.R Saini, Director -
NSIT, Delhi**

Our colleagues at Columbia University, USA, have highly appreciated their content quality and presentation of Khanna Published House and their team.

**Dr. Sabrie Soloman
Columbia University, USA**

Khanna Book Publishing House is serving the needs of our education society by printing and publishing moderately priced, high quality books of engineering & technology in English and Hindi language.

**Dr. P. B Sharma, President -
Association of Indian Universities**

I congratulate Khanna Publishing House and wish them a grand success in digital publications of books in Engineering & Technology.

**Mr. Ramesh Pokhriyal 'Nishank'
Hon'ble Minister, Ministry of Education**

I am associated with M/s Khanna Publishing House for umpteen years. Khanna Publishing House is a leading publisher in Higher Educational Books, specialized in Engineering & Technology genre. The company has ensured high standards of transparency in its dealings with its authors in all matters.

**Dr. M.P. Poonia, Vice Chairman, AICTE,
Ministry of Education**

Khanna Publishing House has been printing and publishing expectational academic books authored by renowned academicians and experts in the field of Engineering & Technology from past many years. I highly recommend their popular books.

**Prof. Anil D. Sahasrabudhe,
Chairman, AICTE, Ministry of Education**



From India to the World

We are proud to share the **legacy and vision of Khanna Publishing House** - Founded in 1962, the publishing house is one of India's leading academic publishers, renowned for its contributions to **Science, Engineering and Technology** education. Trusted by nearly **10 million students and educators each year**, the publishing house delivers textbooks that blend clarity, depth, and affordability.

This strong focus on quality has earned Khanna the **"Best Publisher in Engineering & Technology"** award **three consecutive years**; a testament to its commitment to academic excellence.

With strategic alliances including **Amazon, Ingram and top e-commerce platforms**, the publishing house ensures worldwide access to its publications in both print and digital formats.

A trusted resource for premier institutions and universities worldwide, Khanna Publishing House continues to support **global education** through **innovation and ethical publishing**.

More than just a publisher, **Khanna Publishing House** is a trusted partner in learning - **EMPOWERING TODAY'S LEARNERS, INSPIRING TOMORROW'S LEADERS**.

**Bringing Global Knowledge to India
- Open for Rights, Licensing & Collaborations.**

With warm regards,
Mukul Seth
CEO & Director, Publishing

Invitation for Rights & Collaborations

At Frankfurt Book Fair 2025, Khanna Publishing House is interested in:

- **Rights Acquisition & Licensing** - for high-quality academic, professional and technical titles for the Indian market.
- **Co-publishing Opportunities** - joint projects with international publishers to bring global knowledge to India.
- **Distribution Partnerships** - both for our books abroad and for bringing international titles into India.
- **Content Procurement** - digital and print resources aligned with India's National Education Policy 2020.

We look forward to building meaningful international partnerships that support education globally. For rights and licensing inquiries, please reach us at: rights.khannabooks@gmail.com.

Head Office:

4C/4344, Ansari Road, Darya Ganj,
New Delhi-110002, India

For Local Enquiries, please contact us at:

176 Chestnut Ridge Road, Saddle River,
New Jersey 07458, USA

Phone: +91 (011)-23244447- 48 **Mobile:** +91- 9810483535

E-Mail: contact@khannabooks.com, **Website:** www.khannabooks.com



AWARDED AS
**BEST BOOK
PUBLISHING
COMPANY**

PUBLISHING PARTNERS FOR:



SCHOOL OF
COMPUTING



CHANAKYA
UNIVERSITY



**KHANNA BOOK
PUBLISHING CO. (P) LTD.**

Publisher of Science, Technology
and Engineering Books

Buy Books from:

www.KhannaBooks.com

amazon

Flipkart



kindle

Google

BARNES & NOBLE

E-Books are also available