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2026

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With warm regards,

Mukul Seth

CEO & Director, Publishing

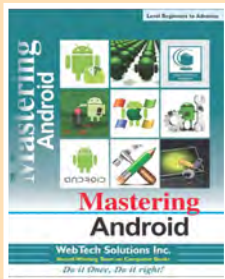


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*** The Prices are subject to change without prior notice.**

ADVANCE COMPUTER BOOKS



MASTERING ANDROID

WebTech Sol.

ISBN: 9789381068908

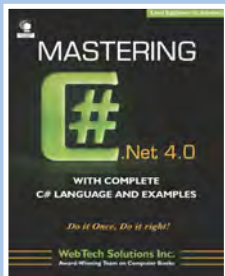
Pages: 356

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 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

ADVANCE COMPUTER BOOKS



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 JavaScript;
- Chapter 5:** More on JavaScript;
- 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



MASTERING LINUX

WebTech Sol.

ISBN: 9789380016115

Pages: 308

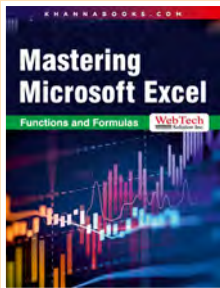
Year: 2009

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 MICROSOFT EXCEL FUNCTIONS AND FORMULAS

WebTech Sol.

ISBN: 9789380016566

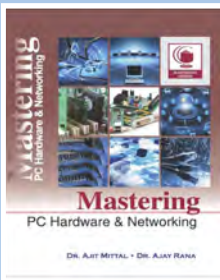
Pages: 416

Year: 2025

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 PC HARDWARE & NETWORKING

Ajit Mittal, Ajay Rana

ISBN: 9788190645126

Pages: 456

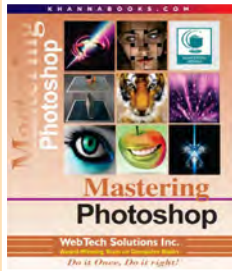
Year: 2023

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 PHOTOSHOP

AICTE RECOMMENDED

WebTech Sol.

ISBN: 9789382609629

Pages: 408

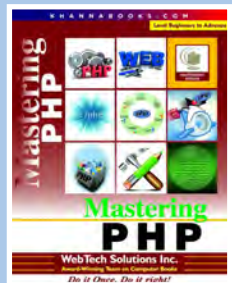
Year: 2025

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;

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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

ADVANCE COMPUTER BOOKS



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;

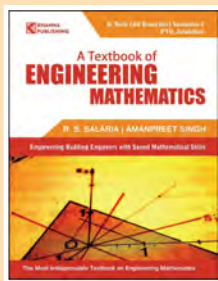
Chapter 15: Introduction to Tally 9.0;

Chapter 16: Payroll Accounting in Tally 9.0;

Chapter 17: Tally 9.0 ver 2.1;

Chapter 18: Keyboard Shortcut of Tally

APPLIED SCIENCES & HUMANITIES



A TEXTBOOK OF **ENGINEERING MATHEMATICS (PTU-I)**

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

ISBN: 9789382609988

Pages: 518

Year: 2016

Language: English

CONTENTS:

Useful Formulae, Theorems and Results;

Chapter 1: Differential Calculus ;

Chapter 2: Partial Derivatives;

Chapter 3: Applications of Partial
Differentiation;

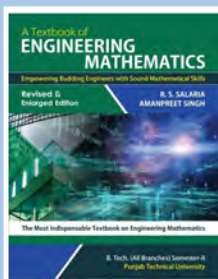
Chapter 4: Integral Calculus;

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 (PTU-II)**

R.S. Salaria

ISBN: 9789382609919

Pages: 556

Year: 2016

Language: English

CONTENTS:

Useful Formulae, Theorems and Results;

Chapter 1: Ordinary Differential Equations of
First Order

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

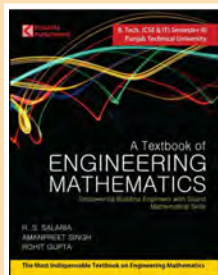
Chapter 3: Applications of Differential
Equations

Chapter 4: Linear Algebra;

Chapter 5: Infinite Series

Chapter 6: Complex Numbers

APPLIED SCIENCES & HUMANITIES

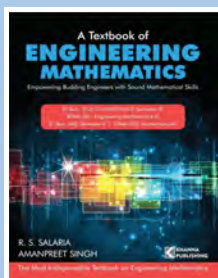


A TEXTBOOK OF ENGINEERING MATHEMATICS (PTU-III)

R.S. Salaria
ISBN: 9789382609995
Pages: 430
Year: 2016
Language: English

CONTENTS:
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;

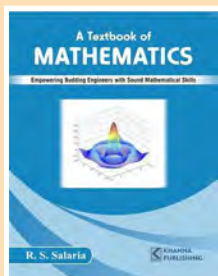
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A TEXTBOOK OF ENGINEERING MATHEMATICS III (ECE/CIVIL/EE/EEE/ELE)

R.S. Salaria
ISBN: 9789382609896
Pages: 520
Year: 2016
Language: English

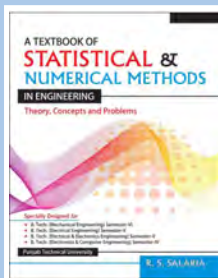
CONTENTS:
Useful Formulae, Theorems and Results;
Chapter 1: Fourier Series;
Chapter 2: Laplace Transformations;
Chapter 3: Special Functions;
Chapter 4: Partial Differential Equations;
Chapter 5: Applications of Partial Differential Equations;
Chapter 6: Functions of Complex Variables



A TEXTBOOK OF 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



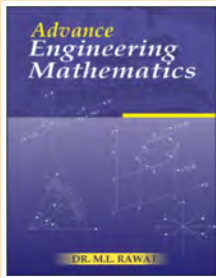
A TEXTBOOK OF STATISTICAL & NUMERICAL METHODS IN ENGINEERING

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;

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APPLIED SCIENCES & HUMANITIES



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;

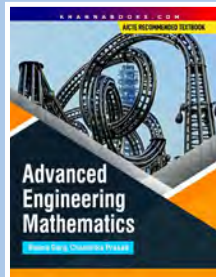
Chapter 3: Matrices, Determinants and Matrices;

Chapter 4: Vectors and 3-Dimensional Analysis Geometry;

Chapter 5: Ordinary Differentiation and Its Applications;

Chapter 6: Partial Differentiation and Its Applications;

...



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;

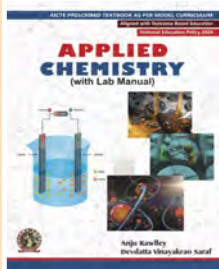
Chapter 10: Differentiation;

Chapter 11: Partial Differential Equations;

Chapter 12: Function of a Complex Varibale;

Chapter 13: Laplace Transforms and ITS Application

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APPLIED CHEMISTRY (with Lab Manual)

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

Anju Rawlley,
Devdatta Vinayakrao Saraf

ISBN: 9789391505448

Pages: 256

Year: 2024

Language: English

CONTENTS:

UNIT 1: Atomic Structure, Chemical Bonding and Solutions;

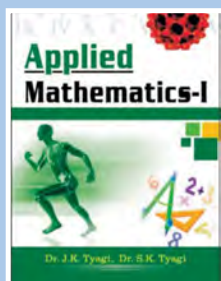
UNIT 2: Water;

UNIT 3: Engineering Materials;

UNIT 4: Chemistry of Fuels and Lubricants;

UNIT 5: Electro Chemistry

APPLIED SCIENCES & HUMANITIES



APPLIED MATHEMATICS-I

AICTE RECOMMENDED

J.K. Tyagi, S.K. Tyagi

ISBN: 9789380016177

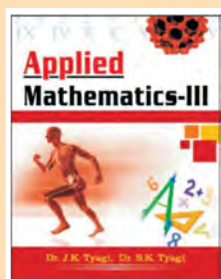
Pages: 485

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



APPLIED PHYSICS-I (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Vinod Kumar Yadav,
Mina Talati

ISBN: 9789391505431

Pages: 200

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 TEXTBOOK

Also available in Regional Languages

Hussain Jeevakhan

ISBN: 9789391505578

Pages: 228

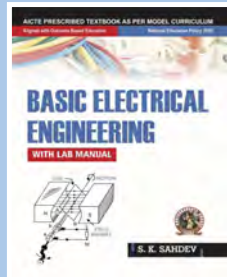
Year: 2025

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;

APPLIED SCIENCES & HUMANITIES



BASIC ELECTRICAL ENGINEERING (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

S.K. Sahdev

ISBN: 9789391505158

Pages: 412

Year: 2022

Language: English

CONTENTS:

Chapter 1: DC Circuits;

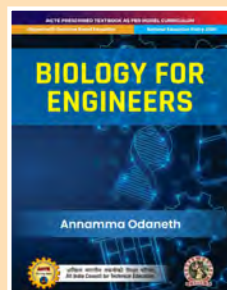
Chapter 2: AC Circuits;

Chapter 3: Transformers;

Chapter 4: Electrical Machines;

Chapter 5: Power Converters;

Chapter 6: Electrical Installations



BIOLOGY FOR ENGINEERS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Annamma Odaneth

ISBN: 9789355386984

Pages: 252

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction

Unit 2: Classification

Unit 3: Genetics

Unit 4: Biomolecules

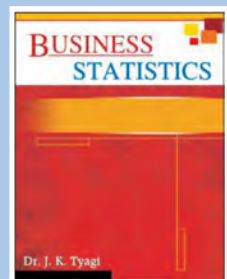
Unit 5: Enzymes

Unit 6: Information Transfer

Unit 7: Macromolecular Analysis

Unit 8: Metabolism

Unit 9: Microbiology



BUSINESS STATISTICS

AICTE RECOMMENDED

J.K. Tyagi

ISBN: 9789380016337

Pages: 338 I.,

Year: 2012

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;

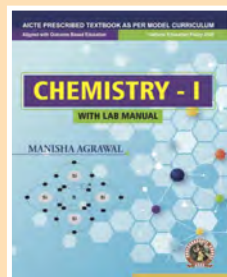
Problem Set 3.5; Problem Set 3.6

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



CHEMISTRY-I (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Manisha Agrawal

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;

APPLIED SCIENCES & HUMANITIES



COMMUNICATION SKILLS IN ENGLISH

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Anjana Tiwari

ISBN: 9789391505493

Pages: 212

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



COMPUTER ORIENTED NUMERICAL AND STATISTICAL TECHNIQUES

R. Singh, I. Singh

ISBN: 9789380016788

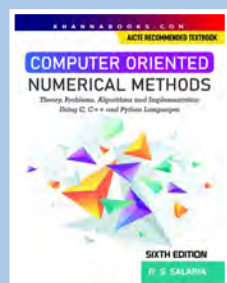
Pages: 882

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;
Chapter 10: Curve Fitting;
Chapter 11: Introduction to Statistics;
Chapter 12: Measures of Central Tendency;
Chapter 13: Measures of Dispersion;
Chapter 14: Moments, Skewness and Kurtosis
Chapter 15: Correlation;
Chapter 16: Regression Analysis



COMPUTER ORIENTED NUMERICAL METHODS

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789389139006

Pages: 468

Year: 2023

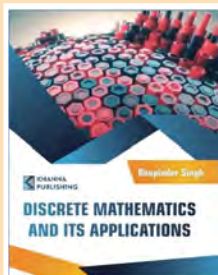
Edition: Sixth

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

APPLIED SCIENCES & HUMANITIES



DISCRETE MATHEMATICS AND ITS APPLICATIONS

Bhupinder Singh

ISBN: 9788187325245

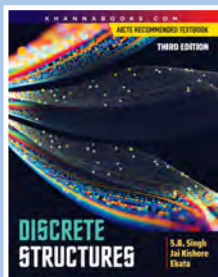
Pages: 556

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

AICTE RECOMMENDED

S.B. Singh, Jai Kishore, Ekata Gupta

ISBN: 9789382609407

Pages: 680

Year: 2019

Edition: Third

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



EFFECTIVE COMMUNICATION SKILLS

AICTE RECOMMENDED

Dr. Kulbhushan Kumar

ISBN: 9789355387936

Pages: 464

Year: 2026

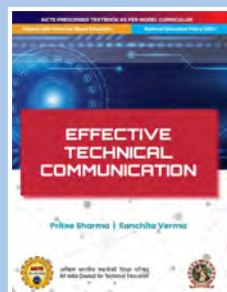
Edition: Second

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

APPLIED SCIENCES & HUMANITIES



EFFECTIVE TECHNICAL COMMUNICATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Prof. Prithee Sharma,
Dr. Sanchita Verma**

ISBN: 9789355387868

Pages: 184

Year: 2026

Edition: First

Language: English

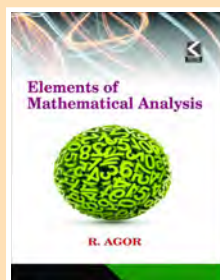
CONTENTS:

Unit 1: Introduction to the Essentials of Technical Communication

Unit 2: Routine Technical Communication

Unit 3: E-Communication

Unit 4: Planning and Preparing Documents for Technical Communication



ELEMENTS OF MATHEMATICAL ANALYSIS

R. Agor

ISBN: 9789382609599

Pages: 292

Year: 2015

Language: English

CONTENTS:

Chapter 1: Number System;

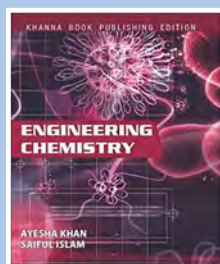
Chapter 2: Determinants;

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;

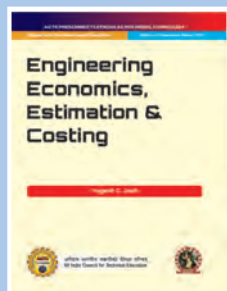
Chapter 3: Intramolecular Forces and Potential Energy Surfaces;

Chapter 4: Use of Free Energy in Chemical Equilibria;

Chapter 5: Periodic Properties;

Chapter 6: Stereochemistry and Organic Reactions

APPLIED SCIENCES & HUMANITIES



ENGINEERING ECONOMICS, ESTIMATION & COSTING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Yogesh C. Joshi

ISBN: 9789355387929

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



ENGINEERING GRAPHICS & DESIGN

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

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;

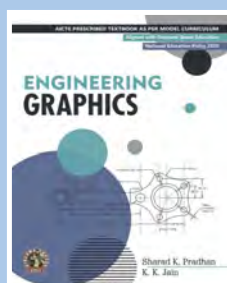
Chapter 5: Isometric Projection;

Chapter 6: Overview of Computer Graphics;

Chapter 7: Customisation & CAD;

Chapter 8: Annotation Layers and 3D Modelling;

Chapter 9: Projects



ENGINEERING GRAPHICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Sharad K. Pradhan, K. K. Jain

ISBN: 9789391505509

Pages: 272

Year: 2023

Language: English

CONTENTS:

UNIT 1: Basic Elements of Drawing;

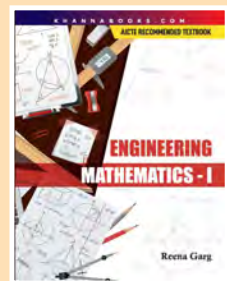
UNIT 2: Orthographic Projections;

UNIT 3: Isometric Projections;

UNIT 4: Free Hand Sketches of Engineering Elements;

UNIT 5: Computer Aided Drafting Interface;

UNIT 6: Computer Aided Drafting



ENGINEERING 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;

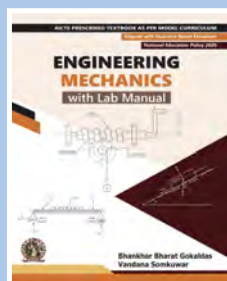
Chapter 4: Asymptotes;

Chapter 5: Curvature;

Chapter 6: Partial Differentiation;

Chapter 7: Double and Triple Integrations

APPLIED SCIENCES & HUMANITIES



ENGINEERING MECHANICS (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Bhankhar Bharat Gokaldas,
Vandana Somkuwar**

ISBN: 9789391505608

Pages: 188

Year: 2023

Language: English

CONTENTS:

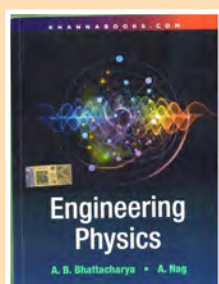
Chapter 1: Basic of Mechanics and Force System;

Chapter 2: Equilibrium;

Chapter 3: Friction;

Chapter 4: Centroid and Centre of Gravity;

Chapter 5: Centroid and Centre of Gravity;



ENGINEERING PHYSICS

AICTE RECOMMENDED

A. B. Bhattacharya, A. Nag

ISBN: 9789389139075

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



ENGINEERING WORKSHOP PRACTICE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

A. K. Sarathe

ISBN: 9789391505516

Pages: 176

Year: 2024

Language: English

CONTENTS:

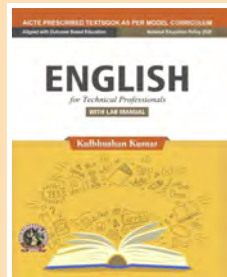
UNIT 1: Carpentry;

UNIT 2: Fitting;

UNIT 3: Welding Tools and Equipment;

UNIT 4: Sheet Metal Working;

UNIT 5: Electrical House wiring



ENGLISH (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

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

APPLIED SCIENCES & HUMANITIES



ENVIRONMENTAL SCIENCE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Subrat Roy

ISBN: 9789391505653

Pages: 120

Year: 2023

Language: English

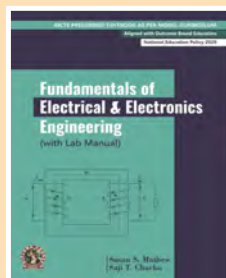
CONTENTS:

Unit 1: Ecosystem;

Unit 2: Air and Noise pollution;

Unit 3: Renewable sources of Energy;

Unit 4: Soil waste Management, ISO 14000 & Environmental management



FUNDAMENTALS OF ELECTRICAL AND ELECTRONICS ENGINEERING (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

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

ISBN: 9789391505592

Pages: 212

Year: 2023

Language: English

CONTENTS:

Unit 1: Overview of Electronic Components and Signals;

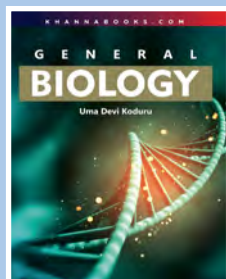
Unit 2: Overview of Analog Circuits;

Unit 3: Overview of Digital Electronics;

Unit 4: Electric and Magnetic Circuits;

Unit 5: AC Circuits;

Unit 6: Transformer and Machines



GENERAL BIOLOGY

AICTE RECOMMENDED

Uma Devi Koduru

ISBN: 9789391505028

Pages: 300

Year: 2024

Edition: First

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

APPLIED SCIENCES & HUMANITIES



INTRODUCTION TO IT SYSTEMS (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

Prashant Joshi

ISBN: 9789391505585

Pages: 220

Year: 2023

Language: English

CONTENTS:

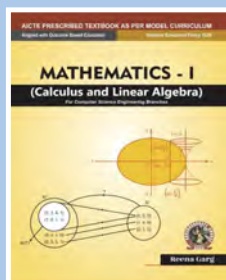
UNIT 1: Internet skills and computer Basics;

UNIT 2: Operating Systems;

UNIT 3: HTML and CSS;

UNIT 4: Open Office Tools;

UNIT 5: Information Security Best Practices



MATHEMATICS - I CALCULUS AND LINEAR ALGEBRA [FOR COMPUTER SCIENCE ENGINEERING BRANCHES]

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

Reena Garg

ISBN: 9789391505271

Pages: 412

Year: 2022

Language: English

CONTENTS:

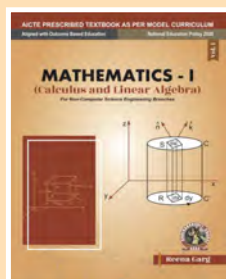
Chapter 1: Calculus-I;

Chapter 2: Calculus-II;

Chapter 3: Matrices;

Chapter 4: Vector Spaces –I;

Chapter 5: Vector Spaces – II



MATHEMATICS - I CALCULUS AND LINEAR ALGEBRA [FOR NON-COMPUTER SCIENCE ENGINEERING BRANCHES]

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

Reena Garg

ISBN: 9789391505172

Pages: 596

Year: 2022

Language: English

CONTENTS:

Chapter 1: Calculus-I;

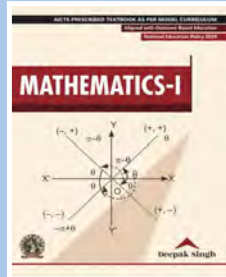
Chapter 2: Calculus-II;

Chapter 3: Sequences and Series;

Chapter 4: Multivariable Calculus –I;

Chapter 5: Matrices

APPLIED SCIENCES & HUMANITIES



MATHEMATICS-I

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

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 TEXTBOOK

Also available in Regional Languages

Garima Singh

ISBN: 9789391505523

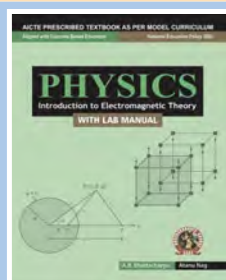
Pages: 160

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;



PHYSICS (INTRODUCTION TO ELECTROMAGNETIC THEORY)

(WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**A.B. Bhattacharya,
Atanu Nag**

ISBN: 9789391505165

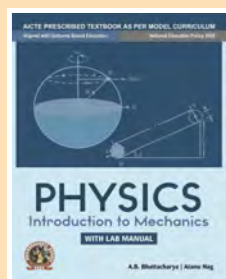
Pages: 308

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 TEXTBOOK

Also available in Regional Languages

**A.B. Bhattacharya,
Atanu Nag**

ISBN: 9789391505059

Pages: 228

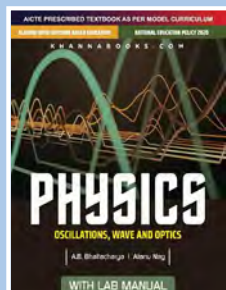
Year: 2024

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

APPLIED SCIENCES & HUMANITIES



PHYSICS OSCILLATIONS, WAVES AND OPTICS (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**A.B. Bhattacharya,
Atanu Nag**

ISBN: 9789391505134

Pages: 272

Year: 2025

Edition: First

Language: English

CONTENTS:

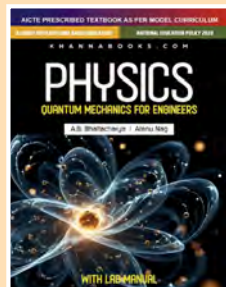
Unit 1: Oscillations

Unit 2: Wave Propagation and Dispersion

Unit 3: The Propagation of Light and Geometric Optics

Unit 4: Wave Optics

Unit 5: Lasers



PHYSICS (QUANTUM MECHANICS FOR ENGINEERS) WITH LAB MANUAL

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**A.B. Bhattacharya,
Atanu Nag**

ISBN: 9789391505257

Pages: 240

Year: 2025

Edition: First

Language: English

CONTENTS:

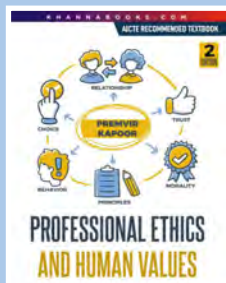
Unit 1: Basic Formalism of Quantum Mechanics

Unit 2: Mathematical Preliminaries for quantum mechanics

Unit 3: Applications of Schrodinger equation

Unit 4: Introduction to Molecular Bonding

Unit 5: Introduction to Solids



PROFESSIONAL ETHICS AND HUMAN VALUES

AICTE RECOMMENDED

Premvir Kapoor

ISBN: 9789355387059

Pages: 232

Year: 2026

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

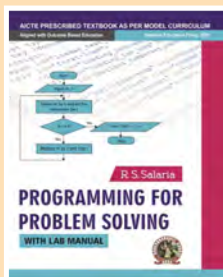
Chapter 6: Science of Living (Jeevan Vigyan).

Chapter 7: Value Education

Chapter 8: Personality and Stress Management

Chapter 9: Review Questions

APPLIED SCIENCES & HUMANITIES



PROGRAMMING FOR PROBLEM SOLVING (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

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;

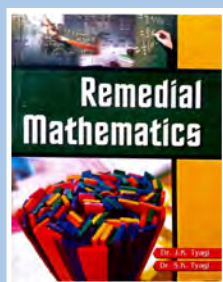
Chapter 6: Functions;

Chapter 7: Recursion;

Chapter 8: Structures;

Chapter 9: Pointers;

Chapter 10: File Handling;



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

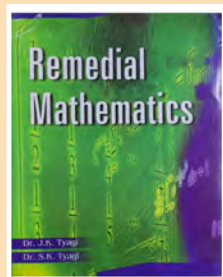
Unit 3: Trigonometry

Unit 4: Analytical Plain Geometry

Unit 5: Calculus

Question Papers

Log Tables



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;

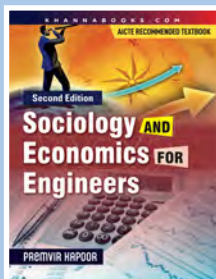
UNIT IV: Integral Calculus;

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

Question Paper

Log Tables

APPLIED SCIENCES & HUMANITIES



SOCIOLOGY AND ECONOMICS FOR ENGINEERS

AICTE RECOMMENDED

Premvir Kapoor

ISBN: 9789355389534

Pages: 336

Year: 2025

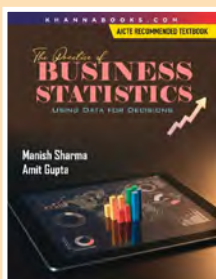
Edition: Second

Language: English

CONTENTS:

- Chapter 1: Sociology
- Chapter 2: Society
- Chapter 3: Social
- 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 Saving
- Chapter 12: Investment
- Chapter 13: Portfolio Management
- Chapter 14: Project Evaluation
- Chapter 15: International Trade
- Chapter 16: Money and Banking

...



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 6: 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;

...

APPLIED SCIENCES & HUMANITIES



WORKSHOP/ MANUFACTURING PRACTICES (WITH LAB MANUAL)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

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**

ARCHITECTURE



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;

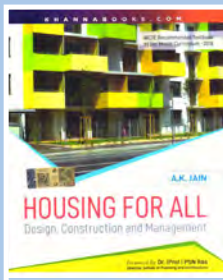
Chapter 7: Building Design for Climatic and Thermal Comfort;

Chapter 8: Sustainable and Resilient Habitat;

Chapter 9: Building Resources and Technology;

Chapter 10: Building and Planning Codes;

...



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;

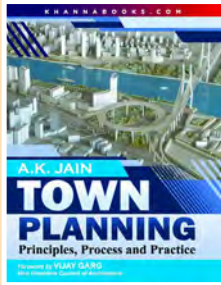
Chapter 12: Rental Housing;

Chapter 13: Land for Housing;

Chapter 14: Housing Finance;

...

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;

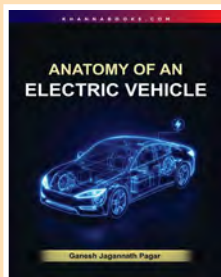
Chapter 11: Towards a new land Policy;

Chapter 12: Planning a Safer and Resilient City;

Chapter 13: Village planning;

Chapter 14: Legal Framework for town Planning

AUTOMOBILE ENGINEERING



ANATOMY OF AN ELECTRIC VEHICLE

Ganesh Jagannath Pagar

ISBN: 9789374547991

Pages: 164

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Electric Vehicles

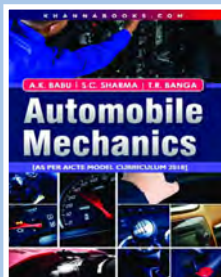
Chapter 2: Vehicle Mechanics

Chapter 3: Transmission Systems

Chapter 4: Vehicle Fundamentals

Chapter 5: Conversions and Motors

Chapter 6: Hybrid Powertrain



AUTOMOBILE MECHANICS

AICTE RECOMMENDED

A.K. Babu, S.C. Sharma, T.R.
Banga

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;

...



AUTOMOBILE TECHNOLOGIES (ENGINE, EMISSION AND ELECTRICALS)

Nathu Singh, Yash Bansri
Mathur

ISBN: 9789355389633

Pages: 280

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Motor Vehicle Technology -II

Unit 2: Automobile Engine System -II

Unit 3: Automobile Electrical Systems -II

Unit 4: Automobile Electrical Equipment -II

Unit 5: Alternative Fuel and Emission Control -II

AUTOMOBILE ENGINEERING



AUTOMOBILE TECHNOLOGY (SERVICE, SKILL & DESIGN)

**Nathu Singh,
Yash Bansi Mathur**

ISBN: 9789355380487

Pages: 332

Year: 2023

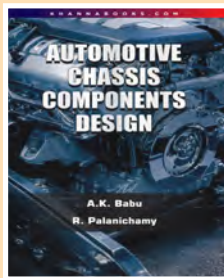
Language: English

CONTENTS:

Unit I: Motor Vehicle Technology -I

Unit II: Automobile Engine System

Unit III: Automotive System Design



AUTOMOBILE CHASSIS COMPONENTS DESIGN

**A. K. Babu,
R. Palanichamy**

ISBN: 9789355387707

Pages: 214

Year: 2026

Edition: 2026

Language: English

CONTENTS:

Unit 1: Introduction

Unit 2: Vehicle Frame

Unit 3: Clutch

Unit 4: Gearbox

Unit 5: Driveline

Unit 6: Final Drive

Unit 7: Front Axle

Unit 8: Rear Axle

Unit 9: Suspension

Unit 10: Steering



AUTOMOBILE 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;

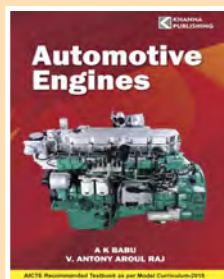
Chapter 10: Accessories;

Chapter 11: Electronic Engine Management;

Chapter 12: Safety and Warning Systems;

Chapter 13: Microcomputer Controlled Devices

AUTOMOBILE ENGINEERING



AUTOMOTIVE ENGINES

AICTE RECOMMENDED

A.K. Babu, V. Antony Aroul Raj

ISBN: 9789386173157

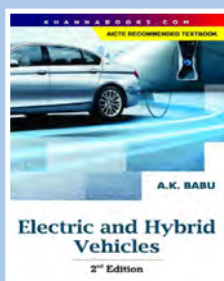
Pages: 296

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



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

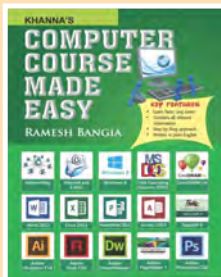
Year: 2021

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

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;

...

BASIC COMPUTER BOOKS



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;

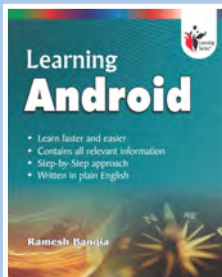
Chapter 16: Inter Personnel Skills and Communications;

Chapter 17: Computer System Management;

Chapter 18: Managing Information Resources;

Chapter 19: Computer Security, Crime and Ethics;

Chapter 20: Robotics;



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;

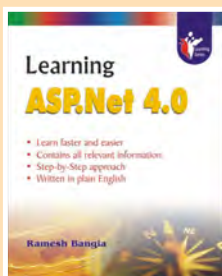
Chapter 5: Data Stores and Services;

Chapter 6: Services;

Chapter 7: Android Capabilities;

Chapter 8: Application Environments;

Chapter 9: Questions



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;

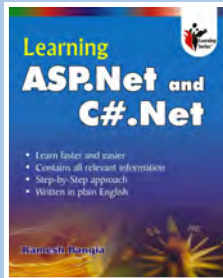
Chapter 4: Using Validation Controls;

Chapter 5: Designing websites with Themes;

Chapter 6: Overview of Data Access;

Chapter 7: Questions

BASIC COMPUTER BOOKS



LEARNING **ASP.NET AND C#.NET**

Ramesh Bangia

ISBN: 9789381068601

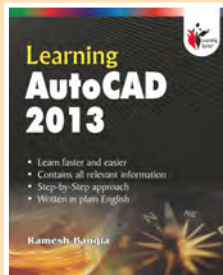
Pages: 272

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

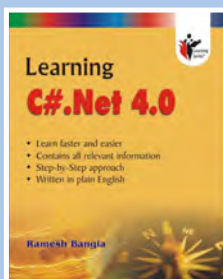
Pages: 272

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



LEARNING **C#.NET 4.0**

Ramesh Bangia

ISBN: 9789381068496

Pages: 226

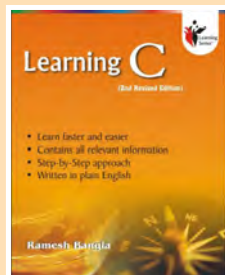
Year: 2012

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

BASIC COMPUTER BOOKS

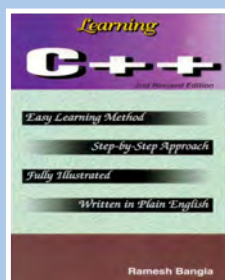


LEARNING C

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



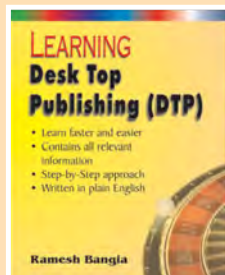
LEARNING C++

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;

...



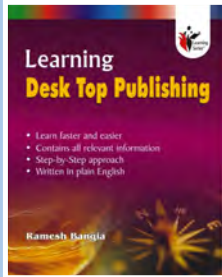
LEARNING DESK TOP PUBLISHING (DTP)

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

BASIC COMPUTER BOOKS



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 DREAMWEAVER CS4

ICTE 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



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;

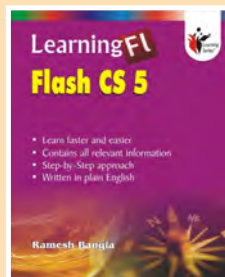
Chapter 5: Working with Forms in Dreamweaver CS5;

Chapter 6: Working with Frames in Dreamweaver CS5;

Chapter 7: Working with Stylesheets in Dreamweaver CS5;

...

BASIC COMPUTER BOOKS



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

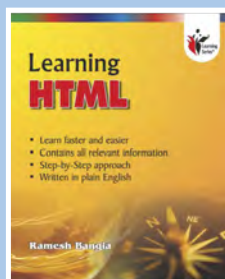
Chapter 8: Working with Sound in Flash CS5

Chapter 9: Creating Buttons in Flash CS5

Chapter 10: Using Tweens and Actions in Flash CS5

Chapter 11: Distributing Flash Movies

...



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;

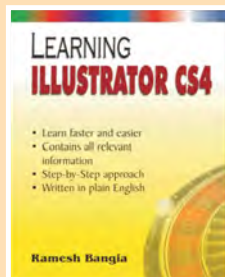
Chapter 7: HTML 5 Event Attributes

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

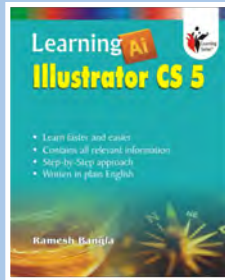
Chapter 3: Handling text in Illustrator CS4

Chapter 5: More Commands of Illustrator CS4

Chapter 7: Keyword Shortcuts of Illustrator CS4

Chapter 7: Questions

BASIC COMPUTER BOOKS



LEARNING ILLUSTRATOR CS5

Ramesh Bangia

ISBN: 9789381068106

Pages: 208

Year: 2010

Language: English

CONTENTS:

Chapter 1: Getting to Know Illustrator CS5

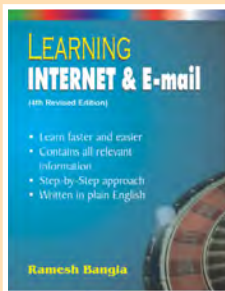
Chapter 2: Tools of Illustrator CS5

Chapter 3: Handling Text in Illustrator CS5

Chapter 4: Commands of Illustrator CS5

Chapter 5: Keyboard Shortcuts of Illustrator CS5

Chapter 7: Questions



LEARNING INTERNET AND EMAIL

Ramesh Bangia

ISBN: 9788187325703

Pages: 208

Year: 2024

Language: English

CONTENTS:

Chapter 1: Introduction to Internet.

Chapter 2: Setting up Your Computer for Internet.

Chapter 3: Introduction to World Wide Web.

Chapter 4: Electronics Mail (e-mail).

Chapter 5: Electronic Mail (e-mail) control.

Chapter 6: File Transfer Protocol (FTP).

Chapter 7: Telnet.

Chapter 8: Surfing the Net.

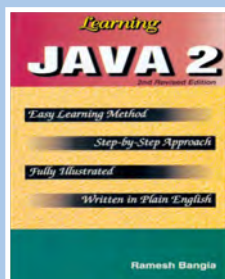
Chapter 9: Creating a Web Page using Front Page.

Chapter 10: Creating a New Web Page using Dreamweaver 2004.

Chapter 11: Creating a Form.

Chapter 12: Registering and Publishing Your Website.

...



LEARNING JAVA 2

Ramesh Bangia

ISBN: 9788187522782

Pages: 268

Year: 2010

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

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

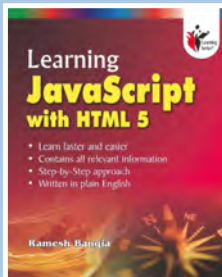
Chapter 4: Creating Graphical User Interface

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

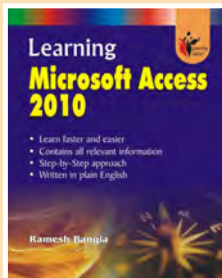
Chapter 5: Document Objects

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;

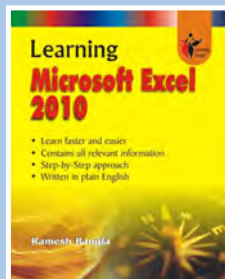
Chapter 9: Expressions in Microsoft Access 2010

Chapter 10: Microsoft Access 2010 Specifications;

Chapter 11: Keyboard Shortcuts of Microsoft Access 2010;

Chapter 12: Questions

BASIC COMPUTER BOOKS



LEARNING MICROSOFT EXCEL 2010

Ramesh Bangia

ISBN: 9789381068021

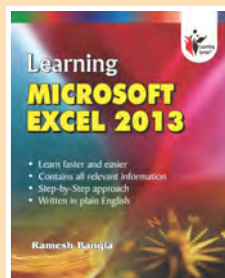
Pages: 192

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

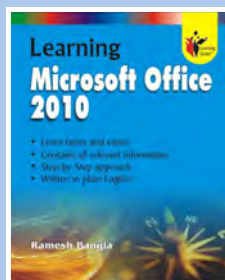
Year: 2014

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;

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LEARNING MICROSOFT OFFICE 2010

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9789381068045

Pages: 276

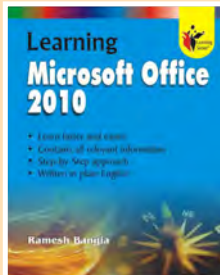
Year: 2011

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 MICROSOFT OFFICE 2013

Ramesh Bangia

ISBN: 9789382609346

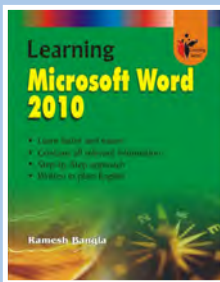
Pages: 240

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



LEARNING MICROSOFT WORD 2010

Ramesh Bangia

ISBN: 9789381068038

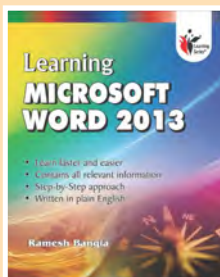
Pages: 200

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

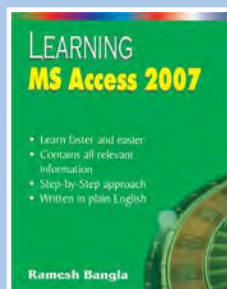
Language: English

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;

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BASIC COMPUTER BOOKS

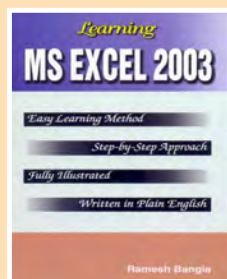


LEARNING MS ACCESS 2007

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

BASIC COMPUTER BOOKS



LEARNING MS OFFICE XP

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9788187522577

Pages: 384

Year: 2014

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction to Microsoft Office XP;

Chapter 2: Speech and Handwriting;

Chapter 3: Creating Document in Word 2002;

Chapter 4: Proofing Your Document;

Chapter 5: Working with Longer Document;

Chapter 6: Creating Document Using Wizards;

Chapter 7: Additional Commands of Word 2002;

Chapter 8: Using Drawing Tools in Word 2002;

Chapter 9: Using Mail Merge in Word 2002;

Chapter 10: Creating a Worksheets in Excel 2002;

Chapter 11: Advanced Techniques of Excel 2002;

Chapter 12: Working with Charts in Excel 2002;

Chapter 13: Creating a Database Using the Wizard in Access 2002;

Chapter 14: Working with Tables in Access 2002;

Chapter 15: Working with Reports;

Chapter 16: Creating Presentation Using Auto Content in Power Point;

Chapter 17: Creating New Presentation;

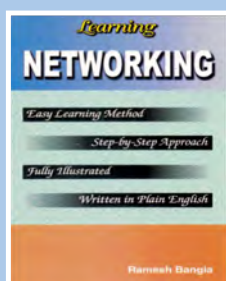
Chapter 18: Creating Presentation from Template;

Chapter 19: Working on Presentations;

Chapter 20: Working in Slide Sorter View;

Chapter 21: Making Slide Shows;

...



LEARNING NETWORKING

Ramesh Bangia

ISBN: 9788187522003

Pages: 192

Year: 2006

Language: English

CONTENTS:

Chapter 1: Introduction to Networking;

Chapter 2: Setting up the Cables;

Chapter 3: Designing Your Network;

Chapter 4: Configuring Windows for Networking;

Chapter 5: Setting up Hardware for Internet;

Chapter 6: Getting Connected to Internet;

Chapter 7: Networking Software;

Chapter 8: Glossary of Networking;

Chapter 9: Questions

BASIC COMPUTER BOOKS



LEARNING PAGEMAKER 7

Ramesh Bangia

ISBN: 9788187522959

Pages: 256

Year: 2015

Language: English

CONTENTS:

Chapter 1: Page Maker Basics;
Chapter 2: Understanding Page Maker;
Chapter 3: Creating a Publication;
Chapter 4: Editing Publication;
Chapter 5: Working with Graphics;
Chapter 6: Working with Layers;
Chapter 7: Using Frames;
Chapter 8: Working with Data Merge;
Chapter 9: Using Scripts;
Chapter 10: Working with Colours;
Chapter 11: Drawing Tools in Page Maker;
Chapter 12: Using Tables Editor;
Chapter 13: Tips and Tricks;
Chapter 14: Templates;

...



LEARNING PC HARDWARE

Ramesh Bangia

ISBN: 9788190675819

Pages: 224

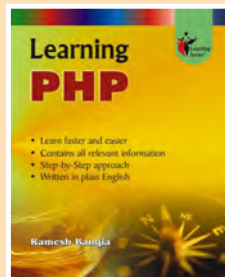
Year: 2011

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction to PC Hardware;
Chapter 2: Input Devices;
Chapter 3: Output Devices;
Chapter 4: Storage Devices;
Chapter 5: Inside the CPU;
Chapter 6: Boot Process and BIOS;
Chapter 7: Computer Memory;
Chapter 8: Maintaining the Computer;
Chapter 9: Assemble a Computer;
Chapter 10: Questions



LEARNING PHP

Ramesh Bangia

ISBN: 9789381068663

Pages: 200

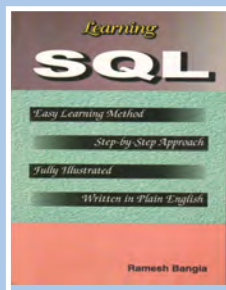
Year: 2012

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 MySQL Database;
Chapter 7: Working with multiple pages;
Chapter 8: Questions

BASIC COMPUTER BOOKS

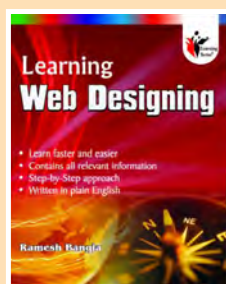


LEARNING SQL

Ramesh Bangia
ISBN: 9788187522966
Pages: 256
Year: 2010
Language: English

CONTENTS:

Chapter 1: Getting to Know SQL;
Chapter 2: Creating a Database;
Chapter 3: Creating a Table;
Chapter 4: Retrieving Data from Database;
Chapter 5: Modifying Data;
Chapter 6: Operators in SQL;
Chapter 7: Functions in SQL;
Chapter 8: Data Storage Functions;
Chapter 9: Working on Data;
Chapter 10: Command Summary of SQL;
Chapter 11: Questions

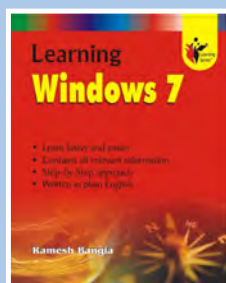


LEARNING WEB DESIGNING

Ramesh Bangia
ISBN: 9788187522379
Pages: 304
Year: 2014
Language: English

CONTENTS:

Chapter 1: Introduction to HTML;
Chapter 2: Cascade Style Sheets (CSS);
Chapter 3: JavaScript;
Chapter 4: VB Script;
Chapter 5: eXtensive Markup Language;
Chapter 6: Introduction to ASP;
Chapter 7: Questions

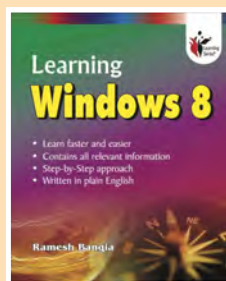


LEARNING WINDOWS 7

Ramesh Bangia
ISBN: 9789380016597
Pages: 188
Year: 2014
Language: English

CONTENTS:

Chapter 1: Introduction to Windows 7;
Chapter 2: Desktop of Windows 7;
Chapter 3: Control Panel of Windows 7;
Chapter 4: Accessories of Windows 7;
Chapter 5: Configure and Maintain Your System;
Chapter 6: Additional Commands of Windows 7;
Chapter 7: Keyboard Shortcuts of Windows 7;
Chapter 8: Questions



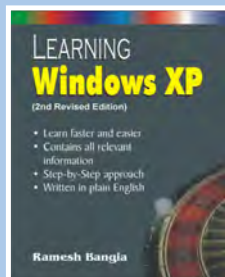
LEARNING WINDOWS 8

Ramesh Bangia
ISBN: 9789382609186
Pages: 200
Year: 2014
Language: English

CONTENTS:

Chapter 1: Exploring Windows 8;
Chapter 2: Getting Started With Windows 8;
Chapter 3: Using Sky Drive With Windows 8;
Chapter 4: Using Search Engine;
Chapter 5: Personalizing Your Start Screen;
Chapter 6: Desktop & Managing Files;
Chapter 7: Personalizing Your Windows;
Chapter 8: Using Internet Explorer;
Chapter 9: The Music & Video Application;

BASIC COMPUTER BOOKS



LEARNING WINDOWS XP

Ramesh Bangia

ISBN: 9788187522362

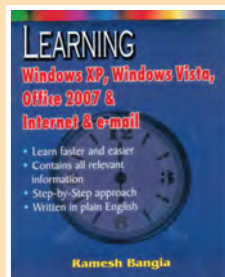
Pages: 218

Year: 2006

Language: English

CONTENTS:

Chapter 1: Introduction to Windows XP;
Chapter 2: Exploring Desktop of Windows XP;
Chapter 3: Exploring Control Panel of Windows XP;
Chapter 4: Accessories of Windows XP;
Chapter 5: Networking And Internet;
Chapter 6: Configure Your System;



LEARNING WINDOWS XP, WINDOWS VISTA, OFFICE 2007 & INTERNET & E-MAIL

Ramesh Bangia

ISBN: 9788190611640

Pages: 192

Year: 2008

Language: English

CONTENTS:

Introduction to Windows XP;
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 PowerPoint 2007;
Chapter 5: Introduction to Microsoft Access 2007;
Chapter 6: Internet and E-Mail;
Chapter 7: Questions



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

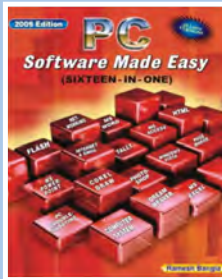
Year: 2025

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



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;

...



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

...

BIOMEDICAL & BIOTECHNOLOGY



BIOSAFETY REGULATIONS AND PRACTICES IN BIOTECHNOLOGY INDUSTRIES

Geetha Bali, S. B. Sullia

ISBN: 9789355383587

Pages: 280

Year: 2006

Language: English

CONTENTS:

Chapter 1: An Overview of Recombinant DNA Technology;

Part I: DNA Isolation and Ligation to Vectors

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;

...



GENETICS AND ITS APPLICATION

Joshua Peter

ISBN: 9789355387950

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;

...

BIOMEDICAL & BIOTECHNOLOGY



PATENTS LAW FOR BIOTECHNOLOGY

V. C. Vivekanandan

ISBN: 9789355388759

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



STEM CELLS: BASICS, THERAPEUTICS AND RESEARCH

Joshua Peter

ISBN: 9789355388308

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;

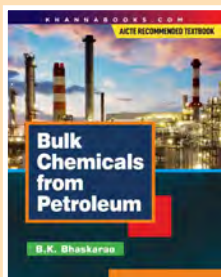
Chapter 4: Human Embryonic Stem Cell;

Chapter 5: Application of Human Embryonic Stem Cells and Their Derivatives;

Chapter 6: Cloning;

Chapter 7: Scientific and Ethical Debate

CHEMICAL ENGINEERING



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;

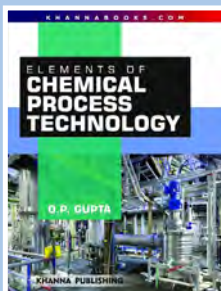
Chapter 8: Synthetic Fibers;

Chapter 9: Synthetic Rubber;

Chapter 10: Plastics;

Chapter 11: Synthetic Detergents;

...



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;

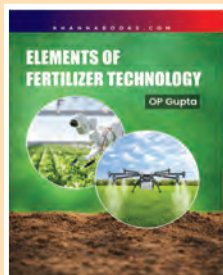
Chapter 7: Refractories;

Chapter 8: High Polymers- Plastics, Rubber and Fibers;

Chapter 9: Petroleum Refinery;

...

CHEMICAL ENGINEERING



ELEMENTS OF FERTILIZER TECHNOLOGY

O.P. Gupta

ISBN: 9789374549872

Pages: 280

Year: 2026

Edition: First

Language: English

CONTENTS:

Section A: General Topics

Chapter 1: Introduction to Fertilizer Technology

Chapter 2: Soil Fertility

Chapter 3: Plants Nutrients

Section B: Nitrogenous Fertiliser

Chapter 4: Introduction to Nitrogenous Fertilisers

Chapter 5: Ammonia (NH_3)

Chapter 6: Nitric Acid (HNO_3)

Chapter 7: Urea ($\text{NH}_2\text{CO.NH}_2$)

Chapter 8: Ammonium Nitrate (NH_4NO_3)

Chapter 9: Calcium Ammonium Nitrate (CAN)

Chapter 10: Ammonium Sulphate ($\text{NH}_4)_2\text{SO}_4$

Chapter 11: Ammonium Chloride (NH_4Cl)

Section C: Phosphatic Fertiliser

Chapter 12: Introduction to Phosphatic Fertilisers

Chapter 13: Sulphur & Sulphuric Acid

Chapter 14: Phosphorous & Phosphoric acid

Chapter 15: Single Superphosphate

Chapter 16: Triple Superphosphate

Chapter 17: Ammonium Phosphates

Chapter 18: Nitro Phosphates

Chapter 19: Other Phosphatic Fertilisers

Section D: Potassic Fertiliser

Chapter 20: Introduction to Potassic Fertilisers

Chapter 21: Potassium Chloride (KCl)

Chapter 22: Potassium Sulphate (K_2SO_4)

Chapter 23: Potassium Nitrate (KNO_3)

Section E: Compound/Complex/Npk Fertiliser

Chapter 24: Introduction to Compound/Complex/NPK Fertilisers

Chapter 25: Important NPK Fertilisers

Section F: Appendices

Chapter 26: Organic Fertilizers/Manures

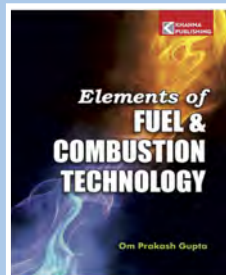
Chapter 27: Factsheet & Application Methods of Fertilisers

Chapter 28: Diagnosis & Symptoms of Plant Nutrient Deficiencies

Chapter 29: Environmental Pollution Control in Fertilizer Industry

...

CHEMICAL ENGINEERING



ELEMENTS OF FUEL & COMBUSTION TECHNOLOGY

AICTE RECOMMENDED

Om Prakash Gupta

ISBN: 9789386173324

Pages: 1168

Year: 2018

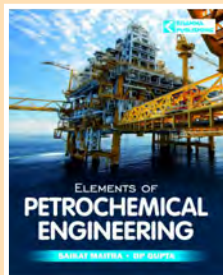
Language: English

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;

...

CHEMICAL ENGINEERING



ELEMENTS OF PETROCHEMICAL ENGINEERING

AICTE RECOMMENDED

Saikat Maitra, O.P. Gupta

ISBN: 9789386173362

Pages: 424

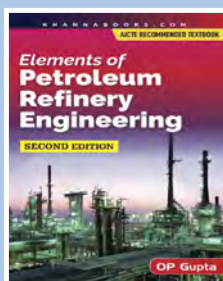
Year: 2020

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 Perchloroethylene ($\text{Cl}_2\text{Cl} = \text{CCl}_2$);
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;

...



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 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)
- ...



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

CHEMICAL ENGINEERING



HAZARDOUS WASTE MANAGEMENT

G. V. Gore, J. R. Mudakavi

ISBN: 9789355385079

Pages: 356

Year: 2006

Language: English

CONTENTS:

- Chapter 1:** An Introduction of Hazardous Waste;
- Chapter 2:** Generation, Classification And Contentious. Issues Of Hazardous Wastes;
- Chapter 3:** Analysis Aspects Of Hazardous Compounds;
- Chapter 4:** Physical And Chemical Treatment Of Hazardous Wastes;
- Chapter 5:** Thermal And Biological Processes;
- Chapter 6:** Storage, Transport Processes, Maintenance Of Hazardous Wastes Dumps, Cost Estimation;
- 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: 9789355387981

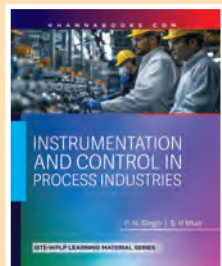
Pages: 156

Year: 2006

Language: English

CONTENTS:

- Chapter 1:** Basic of Heat Transfer
- Chapter 2:** Connective 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 Exchange Network Without Phase Change
- Chapter 7:** Case Study of a Fired Heater Involving Phase Change
- ...



INSTRUMENTATION AND CONTROL IN PROCESS INDUSTRIES

P. N. Singh, S. R. Bhat

ISBN: 9789355384775

Pages: 184

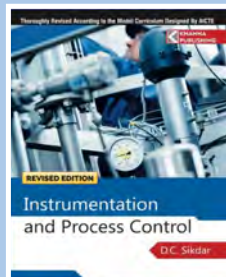
Year: 2009

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

CHEMICAL ENGINEERING



INSTRUMENTATION AND PROCESS CONTROL

AICTE RECOMMENDED

D.C. Sikdar

ISBN: 9789382609049

Pages: 368

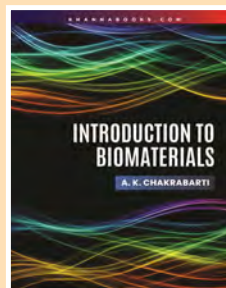
Year: 2022

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;

...



INTRODUCTION OF BIOMATERIALS

A. K. Chakrabarti

ISBN: 9789374548691

Pages: 116

Year: 2026

Year: First

Language: English

CONTENTS:

Chapter 1: Biomaterials
Chapter 2: Stent Materials and Shape Memory Alloys
Chapter 3: Magnets in Machine
Chapter 4: Metallic Implants and Metallurgical Analysis of Implant Failures
Chapter 5: Artificial Heart Valve
Chapter 6: Metals and Alloys in Dentistry
Chapter 7: Polymers for Biomaterial Applications
Chapter 8: Ocular Biomaterials and Implants
Chapter 9: Miscellaneous Biomaterials



MECHANICAL OPERATIONS PARTICLES AND MOTION OF PARTICLES

D.C. Sikdar

ISBN: 9789355380500

Pages: 236

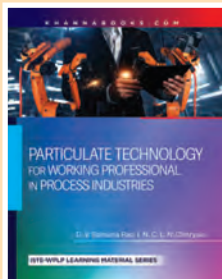
Year: 2024

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

CHEMICAL ENGINEERING



PARTICULATE TECHNOLOGY FOR WORKING PROFESSIONALS IN PROCESS INDUSTRIES

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

ISBN: 9789355386755

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;

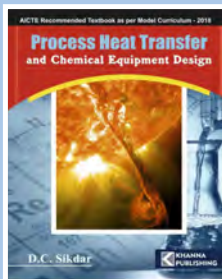
Chapter 6: Bulk Material Handling and Storage;

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



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

CIVIL & MECHANICAL ENGINEERING



ADVANCED MANUFACTURING PROCESSES

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. Ranjeet Kumar Sahu,
Mr. Devendra Laxman
Kamble**

ISBN: 9789355385567

Pages: 148

Year: 2026

Edition: First

Language: English

CONTENTS:

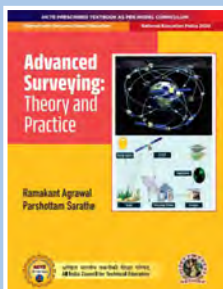
Unit 1: Jigs and Fixtures

Unit 2: Jig Boring and Plastic Processing

Unit 3: Modern Machining Processes

Unit 4: Machining Center

Unit 5: Special Purpose Machines (SPMs)



ADVANCED SURVEYING: THEORY & PRACTICE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Ramakant Agrawal,
Parshottam Sarathe**

ISBN: 9789355385109

Pages: 152

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Plane Table Surveying

Chapter 2: Theodolite Surveying

Chapter 3: Tacheometric Surveying

Chapter 4: Curves

Chapter 5: Advanced Surveying Equipment

Chapter 6: Remote Sensing, GPS and GIS

CIVIL & MECHANICAL ENGINEERING



BASIC MECHANICAL ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dharmendra Singh,
Chandra Shekhar Rajoria**

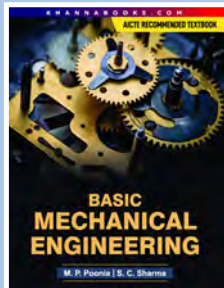
ISBN: 9789355387530

Pages: 280

Year: 2026

Edition: First

Language: English



BASIC MECHANICAL ENGINEERING

AICTE RECOMMENDED

MP Poonia, S.C. Sharma

ISBN: 9789386173331

Pages: 792

Year: 2023

Language: English

CONTENTS:

Chapter 1: Introduction to Thermodynamics

Chapter 2: Heat Transfer & Thermal Power Plant.

Chapter 3: Steam Turbines, IC Engines and Refrigeration

Chapter 4: Materials and Manufacturing Processes

Chapter 5: Machine Tools and Machining Processes

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;

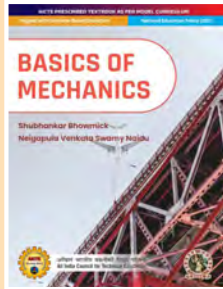
Chapter 21: Manufacturing Process-Mechanical Working of Metals;

Chapter 22: Pattern-Making Foundry and Casting;

Chapter 23: Welding Engineering;

...

CIVIL & MECHANICAL ENGINEERING



BASICS OF MECHANICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Shubhankar Bhowmick, Dr. Neigapula Venkata Swamy Naidu

ISBN: 9789355389381

Pages: 264

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Units and Vectors

Unit 2: Kinematics of Rigid Body

Unit 3: Kinetics of Rigid Body

Unit 4: Free Body Diagram

Unit 5: General Motion

Unit 6: Beam Reactions, Shear Force and Bending Moment

Unit 7: Torsion

Unit 8: Friction



BASICS OF THERMODYNAMICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Parmod Kumar, Atul Dhar

ISBN: 9789355386250

Pages: 284

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction and Fundamental Concepts

Unit 2: Energy and the First Law of Thermodynamics

Unit 3: Properties of Pure Substance

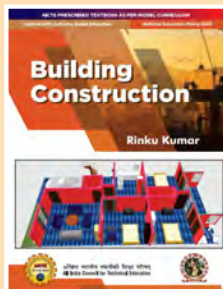
Unit 4: Energy Analysis for Control Volumes

Unit 5: Second Law of Thermodynamics

Unit 6: Entropy

Unit 7: Exergy

Unit 8: Basic Power and Refrigeration Cycles



BUILDING CONSTRUCTION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Rinku Kumar, Sandeep Panchal

ISBN: 9789355387394

Pages: 208

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Overview of Building Components

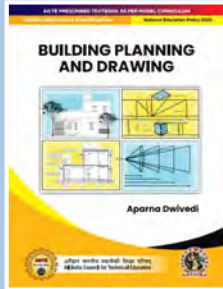
Chapter 2: Construction of substructure

Chapter 3: Construction of Superstructure

Chapter 4: Building Communication and Ventilation

Chapter 5: Building Finishes

CIVIL & MECHANICAL ENGINEERING



BUILDING PLANNING AND DRAWING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Aparna Dwivedi

ISBN: 9789355384379

Pages: 144

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Conventions and Symbols

Chapter 2: Planning of Building

Chapter 3: Drawing of a Load Bearing Structure

Chapter 4: Drawing of Framed Structure

Chapter 5: Perspective Drawing



CASE STUDIES IN CONSTRUCTION PROJECT MANAGEMENT

K.B. Rajoria, H.K. Srivastava

ISBN: 9789355389367

Pages: 240

Year: 2025

Edition: First

Language: English

CONTENTS:

Part - I: Built Environment Sector

Chapter 1: Housing Project at Faridabad

Chapter 2: Capital of Arunachal Pradesh

Chapter 3: Pasighat Township Projects

Chapter 4: Sansdiya Soundh

Chapter 5: Re-Settlement Colonies of Delhi

Chapter 6: Water Research Centre Project at Bagdad (Iraq)

Chapter 7: Hotel at Mosul (Iraq)

Chapter 8: Water Treatment Plant at Dibis (Iraq)

Chapter 9: Regularized Unauthorized Colonies of East Delhi

Chapter 10: Quality Systems for Vasant Kunj Housing Project at Delhi

Chapter 11: Strengthening of Foundations for a Housing Project at Delhi

Chapter 12: O P D Block at LNJP Hospital Complex Delhi

Chapter 13: Secretariat Building for Government of Delhi

Chapter 14: Parliament Library Building (Sansdiya Gyanpeetha)

Chapter 15: Delhi Technological University Complex

Chapter 16: Central Government Office Building at Lucknow

Chapter 17: Innovations for Maintenance of Buildings

...

CIVIL & MECHANICAL ENGINEERING



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 ENGINEERING SOCIETAL AND GLOBAL IMPACT

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Shakuntala Acharya

ISBN: 9789355384843

Pages: 176

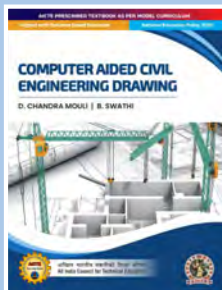
Year: 2026

Edition: First

Language: English

CONTENTS:

- Chapter 1: Impact of Civil Engineering: An Introduction
- Chapter 2: Importance of Civil Engineering
- Chapter 3: Infrastructure
- Chapter 4: Environment
- Chapter 5: Built Environment
- Chapter 6: Civil Engineering Projects



COMPUTER AIDED CIVIL ENGINEERING DRAWING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. D. Chandra Mouli,
Mrs B. Swathi**

ISBN: 9789355382184

Pages: 216

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1: Introduction
- Unit 2: Symbols and Sign Conventions
- Unit 3: Masonry Bonds
- Unit 4: Building Drawing
- Unit 5: Pictorial View

CIVIL & MECHANICAL ENGINEERING



COMPUTER AIDED DESIGN & ANALYSIS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Hari Kumar Voruganti

ISBN: 9789355382580

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



COMPUTER AIDED MACHINE DRAWING PRACTICE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Kanak Kalita

ISBN: 9789355383570

Pages: 244

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Introduction to CAD Software

Chapter 2: Drawing Aids and Editing

Chapter 3: Basic Dimensioning and Annotations in AutoCAD

Chapter 4: Hatching, Blocks and Views in AutoCAD

Chapter 5: Viewport and Isomeric Drawing in AutoCAD

Chapter 6: Printing and plotting in AutoCAD

Chapter 7: Machine Drawing Practice Using AutoCAD



COMPUTERIZED ADMINISTRATION OF WATER SUPPLY AND SEWERAGE SYSTEM

C. Thangavel

ISBN: 9789355386663

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

CIVIL & MECHANICAL ENGINEERING



CONCRETE TECHNOLOGY: THEORY AND PRACTICE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Sasankasekhar Mandal,
Vishwajit Anand,
Sushil Kumar Agarwala**

ISBN: 9789355382658

Pages: 212

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Cement Aggregate and Water

Chapter 2: Concrete

Chapter 3: Concrete Mix Design and Testing of Concrete

Chapter 4: Quality Control of Concrete and Concreting Operations

Chapter 5: Admixtures and Types of Special Concrete

Chapter 6: Laboratory Tests on Concrete and its Ingredients



CONSTRUCTION ENGINEERING & MANAGEMENT

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Sparsh Johari

ISBN: 9789355385307

Pages: 308

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Basics Of Construction

Unit 2: Construction Project Planning

Unit 3: Construction Methods Basics

Unit 4: Construction Equipment Basics

Unit 5: Planning And Organising Construction Site And Resources

Unit 6: Project Monitoring And Control

Unit 7: Contracts Management Basics

Unit 8: Construction Costs



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;

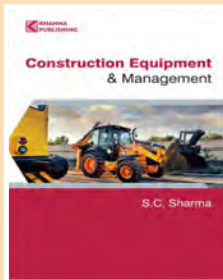
Chapter 10: Management of Demolition Works;

Chapter 11: Construction Equipment Basics;

Chapter 12: Earth Moving Equipment;

...

CIVIL & MECHANICAL ENGINEERING



CONSTRUCTION EQUIPMENT AND MANAGEMENT

AICTE RECOMMENDED

S.C. Sharma

ISBN: 9789382609056

Pages: 500

Year: 2022

Language: English

CONTENTS:

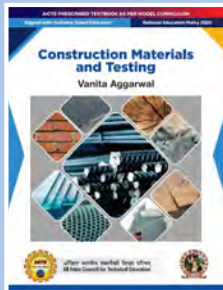
PART-I: Equipment Management

PART-II: Earthwork Equipment

PART-III: Concrete And Asphalt Plants

PART-IV: Other Construction Equipment

PART-V: Materials Handling Equipment



CONSTRUCTION MATERIALS AND TESTING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Vanita Aggarwal

ISBN: 9789355383334

Pages: 136

Year: 2026

Edition: First

Language: English

CONTENTS:

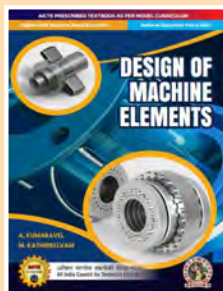
Chapter 1: Overview of Construction Materials

Chapter 2: Natural Construction Materials

Chapter 3: Artificial Construction Materials

Chapter 4: Special Construction Materials

Chapter 5: Processed Construction Materials



DESIGN OF MACHINE ELEMENTS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. A. Kumaravel,
Dr. M. Kathirselvam**

ISBN: 9789355388513

Pages: 320

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction of Design

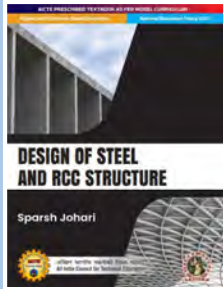
Unit 2: Design of Simple Machine Parts & Antifriction Bearings

Unit 3: Design of Shafts, Keys, Couplings and Spur Gears

Unit 4: Design of Power Screws and Springs

Unit 5: Design of Fasteners and Ergonomics Considerations

CIVIL & MECHANICAL ENGINEERING



DESIGN OF STEEL AND RCC STRUCTURE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Sparsh Johar

ISBN: 9789355388360

Pages: 188

Year: 2026

Edition: First

Language: English

CONTENTS:

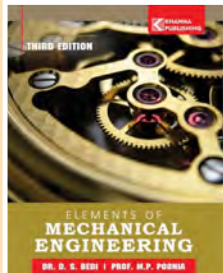
Unit 1: Design of Steel Tension and Compression Members

Unit 2: Design of Steel Beams

Unit 3: Design of Reinforced Concrete Beams by Limit State Method

Unit 4: Shear, Bond, and Development Length in the Design of RCC Member

Unit 5: Design of Axially Loaded RCC Column



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;

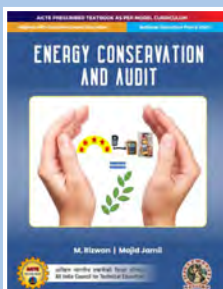
Chapter 7: Gas Power Cycles;

Chapter 8: Internal Combustion Engines;

Chapter 9: Mechanisms and Machines;

Chapter 10: Lifting Machines;

...



ENERGY CONSERVATION AND AUDIT

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. M. Rizwan,
Dr. Majid Jamil**

ISBN: 9789355384867

Pages: 196

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Energy Conservation Basics

Unit 2: Energy Conservation in Electrical Machines

Unit 3: Energy Conservation in Electrical Installation Systems

Unit 4: Energy Conservation through Co-generation and Tariff

Unit 5: Energy Audit of Electrical System

CIVIL & MECHANICAL ENGINEERING



ENERGY CONSERVATIONS IN BUILDINGS

AICTE RECOMMENDED

O.P. Jakhar

ISBN: 9789386173461

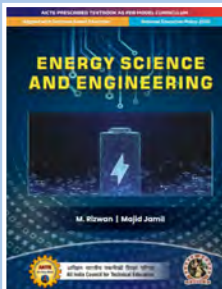
Pages: 148

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



ENERGY SCIENCE AND ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

M. Rizwan, Majid Jamil

ISBN: 9789355385147

Pages: 180

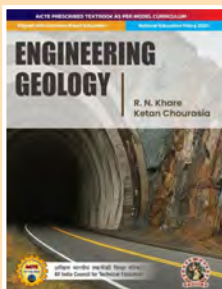
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1:** Introduction to Energy Science
- Unit 2:** Energy Sources
- Unit 3:** Energy and Environment
- Unit 4:** Civil Engineering Projects Connected with Energy Sources
- Unit 5:** Building Structure for Nuclear Power Plants
- Unit 6:** Engineering for Energy Conservation (Green Building and Green Architecture)
- Unit 7:** Engineering for Energy Conservation (Energy Auditing, Efficiency & Energy Conservation)



ENGINEERING GEOLOGY

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. R. N. Khare, Keton Chourasia

ISBN: 9789355384669

Pages: 396

Year: 2026

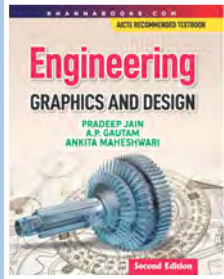
Edition: First

Language: English

CONTENTS:

- Unit 1:** Introduction to Engineering Geology
- Unit 2:** Indian Geomorphology and the Construction Industry
- Unit 3:** Physical Geology
- Unit 4:** Study of Minerals
- Unit 5:** Study of Rocks
- Unit 6:** Rock Deformation
- Unit 7:** Stratigraphy of India
- Unit 8:** Hydrogeology
- Unit 9:** Geologic hazards
- Unit 10:** Engineering Properties of Rocks and Rock Mass Classification
- Unit 11:** Geological Investigations for Utility Structures
- Unit 12:** Geophysical Investigations in Civil Engineering

CIVIL & MECHANICAL ENGINEERING



ENGINEERING GRAPHICS AND DESIGN

AICTE RECOMMENDED

**Pradeep Jain, A.P. Gautam,
Ankita 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;

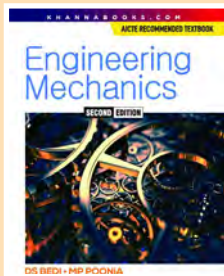
Chapter 7: Drawing Using AUTOCAD;

Chapter 8: Modifying Using AUTOCAD;

Chapter 9: Customisation and Productive Tools;

Chapter 10: Dimensioning, Annotations Laying;

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;

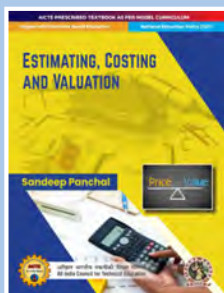
Chapter 7: Kinetics of Rigid Bodies;

Chapter 8: Simple Stress and Strain;

Chapter 9: Elastic Constants, Complex Stresses and Strain Energy;

Chapter 10: Pure Bending of Beams;

Chapter 11: Torsion



ESTIMATING, COSTING AND VALUATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Sandeep Panchal

ISBN: 9789355384966

Pages: 212

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Fundamentals of Estimation and Costing

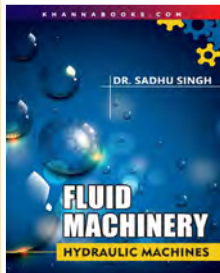
Unit 2: Approximate Estimates

Unit 3: Detailed Estimates

Unit 4: Estimates for Civil Engineering Works

Unit 5: Rate Analysis

CIVIL & MECHANICAL ENGINEERING



FLUID MACHINERY (HYDRAULIC MACHINES)

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789382609285

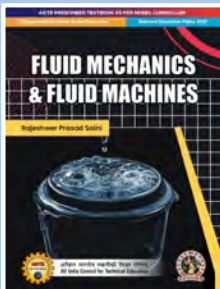
Pages: 478

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 & FLUID MACHINES

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. R. P. Saini

ISBN: 9789355388377

Pages: 252

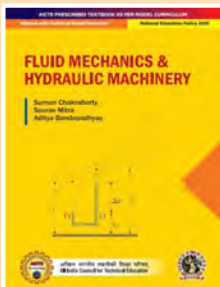
Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Fundamentals of Fluid Mechanics
Unit 2: Fluid Dynamics
Unit 3: Dimensional Analysis
Unit 4: Fluid Machines - Pumps
Unit 5: Fluid Machines – Water Turbines



FLUID MECHANICS & HYDRAULIC MACHINERY

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Suman Chakraborty,
Sourav Mitra,
Aditya Bandopadhyay**

ISBN: 9789355389510

Pages: 308

Year: 2026

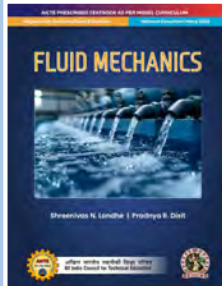
Edition: First

Language: English

CONTENTS:

Chapter 1: Properties of Fluids
Chapter 2: Fluids at Rest
Chapter 3: Fluids Under Motion 1: Kinematics of Flow
Chapter 4: Fluids Under Motion 1: Conservation Laws
Chapter 5: Engineering Applications 1: Flow Through Pipes
Chapter 6: Engineering Application 2: Open Channel Flows
Chapter 7: Fluid Machinery: Turbines
Chapter 8: Fluid Machinery: Pumps

CIVIL & MECHANICAL ENGINEERING



FLUID MECHANICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Shreenivas Londhe,
Pradnya Dixit**

ISBN: 9789355388117

Pages: 356

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Properties of Fluids

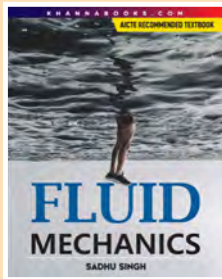
Unit 2: Fluid Statics

Unit 3: Buoyancy and Flotation

Unit 4: Fluid Kinematics

Unit 5: Fluid Dynamics

Unit 6: Dimensional Analysis



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



FORMWORK MANAGEMENT IN CONSTRUCTION

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

ISBN: 9789355389305

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



FUNDAMENTALS OF PIPING DESIGN – A DESIGN AND DATA BOOK

A.K. Roy

ISBN: 9789355387738

Pages: 368

Year: 2026

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



GEOTECHNICAL ENGINEERING (FUNDAMENTALS OF SOIL MECHANICS)

A. I. Dhattrak, P. V. Kolhe

ISBN: 9789355386625

Pages: 252

Year: 2026

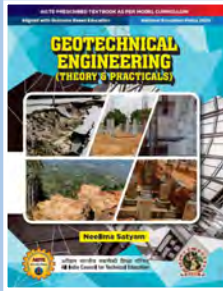
Edition: First

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 Engineering

CIVIL & MECHANICAL ENGINEERING



GEOTECHNICAL ENGINEERING (THEORY & PRACTICALS)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Neelima Satyam

ISBN: 9789355389602

Pages: 132

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Overview of Geology and Geotechnical Engineering

Chapter 2: Physical and Index Properties of Soil.

Chapter 3: Permeability and Shear Strength of Soil.

Chapter 4: Bearing Capacity of Soil

Chapter 5: Compaction and Stabilization of Soil



GEOTECHNICAL ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Paramita Bhattacharya

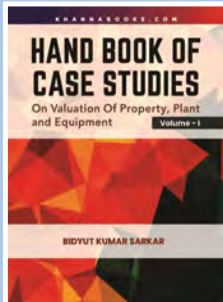
ISBN: 9789355387103

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



HAND BOOK OF CASE STUDIES VOLUME-I (ON VALUATION OF PROPERTY, PLANT AND EQUIPMENT)

Bidyut Kumar Sarkar

ISBN: 9789374546895

Pages: 844

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Revaluation of Fixed Assets: – Army Welfare Project Ltd (AWPL), Samtse Distillery, Samtse, Bhutan

Chapter 2: Revaluation of Fixed Assets: – Army Welfare Project Ltd (AWPL), Samdrup Jongkhar BWH, Samdrup Jongkhar, Bhutan

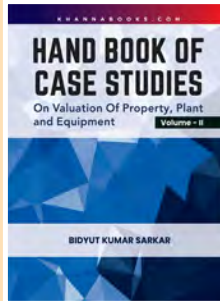
Chapter 3: Revaluation of Fixed Assets: – Army Welfare Project, Gelephu Distillery, Gelephu, Bhutan

Chapter 4: Revaluation of Fixed Assets: – Army Welfare Project Ltd (AWPL), BCD, Bihar, Gelephu, Bhutan

Chapter 5: Revaluation of Fixed Assets: – Army Welfare Project Ltd (AWPL), Thimphu BWH & Saw Mill, Bhutan

Chapter 5: Revaluation of Fixed Assets: – Army Welfare Project Ltd (AWPL), H. O., Bhutan

CIVIL & MECHANICAL ENGINEERING



HAND BOOK OF CASE STUDIES VOLUME-II (ON VALUATION OF PROPERTY, PLANT AND EQUIPMENT)

Bidyut Kumar Sarkar

ISBN: 9789374545096

Pages: 712

Year: 2026

Edition: First

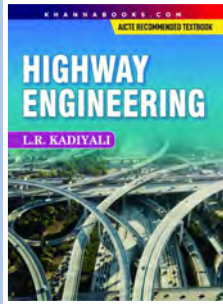
Language: English

CONTENTS:

- Chapter 1:** Revaluation of Property, Plant & Equipment: Banarhat Tea Estate, Jalpaiguri, Andrew Yule & Company Ltd., Kolkata
- Chapter 2:** Revaluation of Property, Plant & Equipment: Namring Tea Estate, Darjeeling Tea & Cinchona Association Ltd., Kolkata
- Chapter 3:** Revaluation of Fixed Assets: Quality Gases Pvt. Ltd., Plot No. U-2, Upper Terrace New Industrial Area, Pasakha, Bhutan
- Chapter 4:** Valuation of Real Property: Multi-Storied RCC Framed Hotel Building, PS Bhaktinagar, Dist. Jalpaiguri
- Chapter 5:** Revaluation of Property, Plant & Equipment: RSA Pvt. Ltd., Thimphu, Bhutan
- Chapter 6:** Revaluation of Property, Plant & Equipment: RSA Pvt. Ltd., (Lime Stone Unit) Thimphu, Bhutan
- Chapter 7:** Revaluation of Property, Plant & Equipment: RSA Pvt. Ltd., (Marble Processing Unit) Thimphu, Bhutan
- Chapter 8:** Revaluation of Property, Plant & Equipment: RSA Pvt. Ltd., (Poly Unit) Thimphu, Bhutan
- Chapter 9:** Revaluation of Property, Plant & Equipment: RSA Pvt. Ltd., (Wall Putty Unit) Thimphu, Bhutan
- Chapter 10:** Revaluation of Property, Plant & Equipment: S.D Eastern Bhutan Ferro Silicon Pvt. Ltd. Samdrup Jongkhar, Bhutan
- Chapter 11:** Revaluation of Property: Risk Inspection Report Tata Metaliks Limited
- Chapter 12:** Valuation of Property, Plantation, Plant & Equipment: Karbal Tea Estate, Jalpaiguri, Andrew Yule & Company Ltd., Kolkata

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CIVIL & MECHANICAL ENGINEERING



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

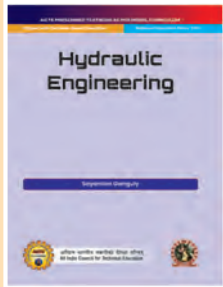
Chapter 25: Highway Drainage

Chapter 26: Cross-Drainage Structures

Chapter 27: Road Accident and Highway Design

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CIVIL & MECHANICAL ENGINEERING



HYDRAULIC ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Sayantan Ganguly

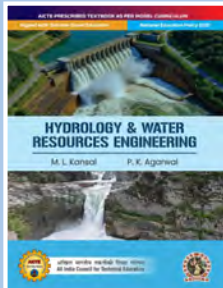
ISBN: 9789355385130

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



HYDROLOGY & WATER RESOURCES ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. M. L. Kansal,
P. K. Agarwal**

ISBN: 9789355385550

Pages: 528

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction

Unit 2: Precipitation

Unit 3: Abstraction from Precipitation

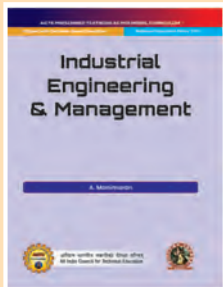
Unit 4: Runoff

Unit 5: Groundwater and Well Hydrology

Unit 6: Water Withdrawals and Uses

Unit 7: Distribution Systems

Unit 8: Dams and Spillways



INDUSTRIAL ENGINEERING & MANAGEMENT

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

A. Manimaran

ISBN: 9789355382290

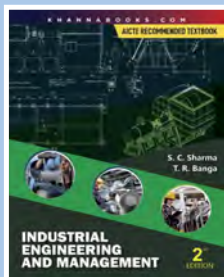
Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.

CIVIL & MECHANICAL ENGINEERING



INDUSTRIAL ENGINEERING AND MANAGEMENT

AICTE RECOMMENDED

S.C. Sharma, T.R. Banga

ISBN: 9789355380098

Pages: 848

Year: 2022

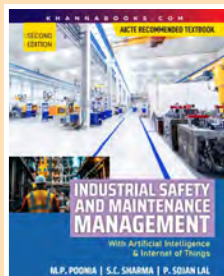
Edition: Second

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);

...



INDUSTRIAL SAFETY AND MAINTENANCE MANAGEMENT

AICTE RECOMMENDED

MP Poonia, S.C. Sharma, P. Sojan Lal

ISBN: 9789355389480

Pages: 492

Year: 2026

Edition: Second

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;

...

CIVIL & MECHANICAL ENGINEERING



INSTRUMENTATION FOR CIVIL ENGINEERING APPLICATIONS

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

**Prof. Ashim Kanti Dey,
Dr. Manita Das**

ISBN: 9789355383235

Pages: 244

Year: 2026

Edition: First

Language: English

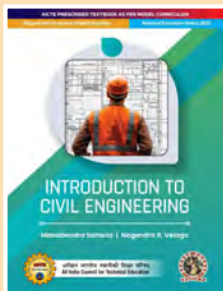
CONTENTS:

Unit 1: Fundamental of Measurement, Sensing and Instrumentation

Unit 2: Sensor Installation and Operation

Unit 3: Data Analysis and Interpretation

Unit 4: Frequency Domain Signal Processing and Analysis



INTRODUCTION TO CIVIL ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

**Manabendra Saharia,
Nagendra R. Velaga**

ISBN: 9789355387042

Pages: 196

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Overview of Civil Engineering

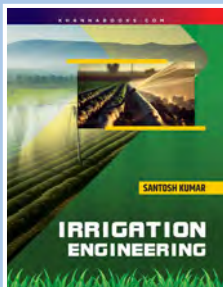
Unit 2: Structural Engineering

Unit 3: Geotechnical Engineering

Unit 4: Water Resources Engineering and Sustainability

Unit 5: Traffic And Transportation Engineering

Unit 6: Practical Activities



IRRIGATION ENGINEERING

Santosh Kumar

ISBN: 9789355386649

Pages: 220

Year: 2025

Language: English

CONTENTS:

Chapter 1: Irrigation Engineering;

Chapter 2: Water Requirement of crops;

Chapter 3: Basic Irrigation of Crops;

Chapter 4: Irrigation methods;

Chapter 5: Sources of Irrigation Water;

Chapter 6: Canal Irrigation;

Chapter 7: Canal falls;

Chapter 8: Weirs, Barrages and sediment Control;

Chapter 9: Dams;

Chapter 10: Design of Surface and Sub surface Drainage Network for Irrigation Command;

...

CIVIL & MECHANICAL ENGINEERING



MACHINE DESIGN

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789382609575

Pages: 826

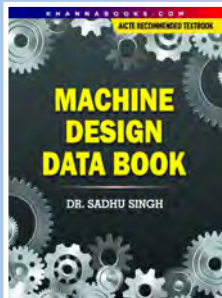
Year: 2021

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;

...



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;

...

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



MACHINE ELEMENT & SYSTEM DESIGN

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Sabah Khan

ISBN: 9789355387509

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



MANUFACTURING AUTOMATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Chitragupt Swaroop
Chitransh

ISBN: 9789355388414

Pages: 216

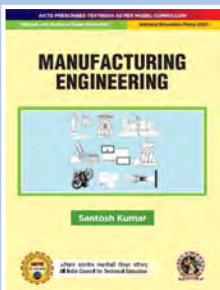
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1: Introduction to Automation
- Unit 2: Machine and Process Automation
- Unit 3: Automated Assembly Systems
- Unit 4: Factory Automation
- Unit 5: Automation Tools and Techniques
- Unit 6: Advanced Automation Trends
- Unit 7: Examples and Case Studies



MANUFACTURING ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Santosh Kumar

ISBN: 9789355388148

Pages: 292

Year: 2026

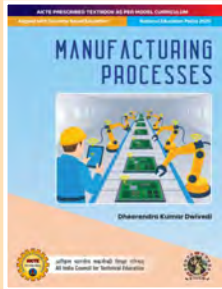
Edition: First

Language: English

CONTENTS:

- Chapter 1: Cutting fluids, lubricants and lathe machine Operations
- Chapter 2: Broaching and drilling Machines
- Chapter 3: Welding-Brazing-Soldering and Milling Machines
- Chapter 4: Gear Making and Press Working

CIVIL & MECHANICAL ENGINEERING



MANUFACTURING PROCESSES

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Dheerendra Kumar Dwivedi

ISBN: 9789355387233

Pages: 344

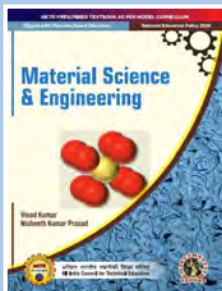
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1:** Manufacturing Processes and Classification
- Unit 2:** Material Shaping Processes
- Unit 3:** Material Removal Processes
- Unit 4:** Unconventional Manufacturing Processes
- Unit 5:** Additive Manufacturing Processes
- Unit 6:** Joining and Fastening Processes
- Unit 7:** Mathematical Models for Manufacturing Processes



MATERIAL SCIENCE & ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Vinod Kumar,
Nisheeth Kumar Prasad**

ISBN: 9789355383877

Pages: 192

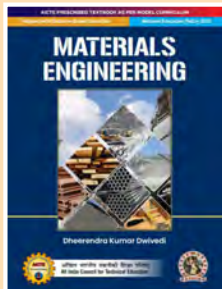
Year: 2026

Edition: First

Language: English

CONTENTS:

- Chapter 1:** Crystal Structures and Bonds
- Chapter 2:** Phase Diagrams, Ferrous metals, and their Alloys
- Chapter 3:** Non-Ferrous Metals and Their Alloys
- Chapter 4:** Failure Analysis and Testing of Materials.



MATERIALS ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Dheerendra Kumar Dwivedi

ISBN: 9789355389886

Pages: 316

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1:** Fundamentals of Material Science
- Unit 2:** Mechanical Properties of Materials
- Unit 3:** Theories of Failures under Static Loading and Fatigue Behaviour
- Unit 4:** Phase Diagram and Metallurgical Transformation
- Unit 5:** Heat treatment of steel
- Unit 6:** Common Engineering Metals: Mechanical Properties and Manufacturing

CIVIL & MECHANICAL ENGINEERING



MEASUREMENTS & METROLOGY

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

V.P. Chandramohan

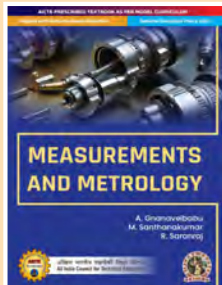
ISBN: 9789355384607

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



MEASUREMENTS AND METROLOGY

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. A. Gnanavelbabu,
Dr. M. Santhanakumar,
Mr. R. Saranraj**

ISBN: 9789355385994

Pages: 296

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction to Measurement

Unit 2: Transducers and Strain Gauges

Unit 3: Applied Mechanical Measurements

Unit 4: Limits, Fits & Tolerances

Unit 5: Gear Measurement and Testing



MECHANICS OF MATERIALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Arvind Vyavahare

ISBN: 9789355383730

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.

CIVIL & MECHANICAL ENGINEERING



MECHANICS OF MATERIALS AND THEIR TESTING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**R. Velmurugan
Pragathi**

ISBN: 9789355388131

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



MECHATRONICS, ROBOTICS & CONTROL

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

J. Srinivas

ISBN: 9789355383358

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



METAL FORMING PROCESSES (PRINCIPLES, THEORY AND APPLICATIONS)

Michal Bolaji Adeyemi

ISBN: 9788195123179

Pages: 500

Year: 2023

Language: English

Chapter 1: Mechanical Properties and Testing Methods of Metals;

Chapter 2: Fundamental of Metal Working: Classifications and Mechanics;

Chapter 3: Metal Forming Equipment;

Chapter 4: Extrusion Processes;

Chapter 5: Drawing Processes;

Chapter 6: Forging and Related Processes;

Chapter 7: Rolling Processes;

Chapter 8: Sheet Metal Forming Processes;

Chapter 9: Non-Conventional and Newer Forming Processes;

Chapter 10: Non-Conventional and Newer Forming Processes

CIVIL & MECHANICAL ENGINEERING



MODERN TECHNIQUES IN REPAIRS AND RENOVATION OF BUILDINGS

M. Lakshmi pathy

ISBN: 9789355384744

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: 9789355386298

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;



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);

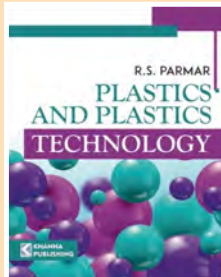
Chapter 5: Flow Measurement in Open Channel Flow;

Chapter 6: Spatially Varied Flow;

Chapter 7: Flow in Channel of Non-Linear Alignment and Non-Prismatic Channel;

Chapter 8: Objective Type Questions:

CIVIL & MECHANICAL ENGINEERING



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;

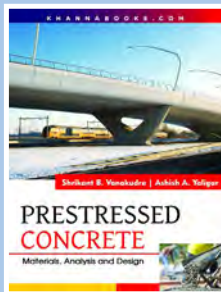
Chapter 3: Testing of Plastics;

Chapter 4: Processing of Polymers;

Chapter 5: Case Study: Automotive Products;

Chapter 6: Recycling of Plastics;

Chapter 7: Epilogue



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;

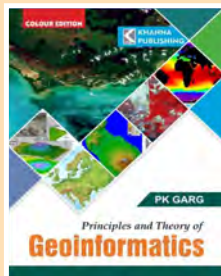
Chapter 2: Analysis of Sections For Flexure;

Chapter 3: Losses of Pre-stress;

Chapter 4: Analysis and Design of Sections for Shear;

Chapter 5: Deflection of Pre-stressed Concrete Member;

...



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



PROCESS CONTROL AND ITS AUTOMATION

M. Meenakshi

ISBN: 9789355382047

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 is a Terminology;

Chapter 6: Programmable Logic Controllers and Industrial Automation;

Chapter 7: Distributed Digital Control;

...

CIVIL & MECHANICAL ENGINEERING



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



RAINWATER HARVESTING

G. N. Virupaksha

ISBN: 9789355384706

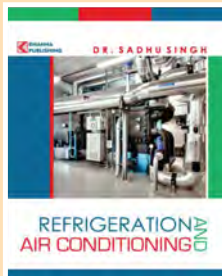
Pages: 48

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



REFRIGERATION AND AIR CONDITIONING

AICTE RECOMMENDED

Sadhu Singh

ISBN: 9789386173089

Pages: 820

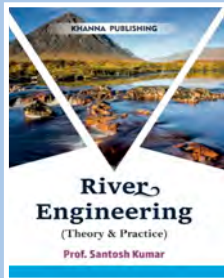
Year: 2021

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;

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;

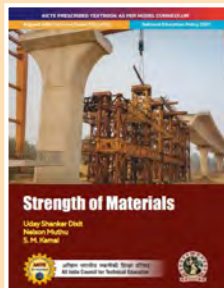
Chapter 12: River Gauging;

Chapter 13: Flood & Flood Control;

Chapter 14: River Ecosystem;

Chapter 15: Interlinking of Rivers;

Chapter 16: River Modelling



STRENGTH OF MATERIALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Uday Shanker Dixit,

Dr. Nelson Muthu,

Dr. S.M. Kamal

ISBN: 9789355386021

Pages: 428

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Stresses and Strains

Unit 2: Compound Stresses and Strains

Unit 3: Shear Force and Bending Moment Diagrams

Unit 4: Bending Stresses

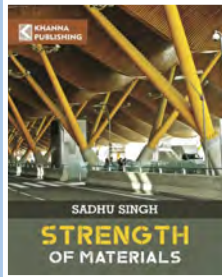
Unit 5: Shear Stresses in Beams

Unit 6: Deflection and Slope of Beams

Unit 7: Torsion of Circular Shafts

Unit 8: Thin and thick cylinders and spheres

CIVIL & MECHANICAL ENGINEERING



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

AICTE RECOMMENDED

D.S. Bedi

ISBN: 9789382609117

Pages: 752

Year: 2026

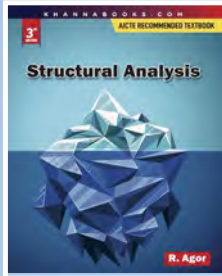
Edition: Sixth

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

CIVIL & MECHANICAL ENGINEERING



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

...



STRUCTURAL ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

T.D. Gunneswara Rao, D. Ravi Prasad

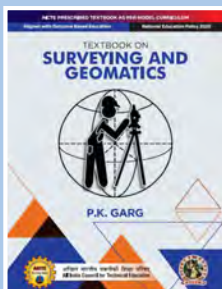
ISBN: 9789355383792

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



SURVEYING AND GEOMATICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

P. K. Garg

ISBN: 9789355387004

Pages: 410

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Surveying

Chapter 2: Curves

Chapter 3: Modern Field Survey Systems

Chapter 4: Photogrammetry Surveying

Chapter 5: Remote Sensing

CIVIL & MECHANICAL ENGINEERING



TESTING & EVALUATION OF CIVIL ENGINEERING MATERIALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Sandeep Chaudhary,
Kashyap A Patel**

ISBN: 9789355384317

Pages: 196

Year: 2026

Edition: First

Language: English

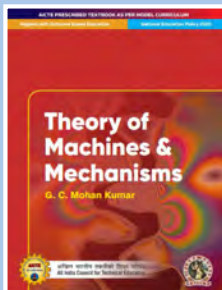
CONTENTS:

Unit 1: Introduction to Engineering Materials

Unit 2: Emerging Civil Engineering Materials

Unit 3: Introduction to Material Testing

Unit 4: Standard Testing & Evaluation Procedures



THEORY OF MACHINES & MECHANISMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Prof. G. C. Mohan Kumar

ISBN: 9789355389749

Pages: 212

Year: 2026

Edition: First

Language: English

CONTENTS:

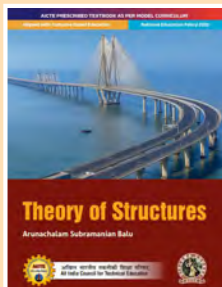
Unit 1: Cams and Followers

Unit 2: Power Transmission

Unit 3: Flywheel and Governors

Unit 4: Brakes, Dynamometers, Clutches & Bearings

Unit 5: Balancing & Vibrations



THEORY OF STRUCTURES

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. Arunachalam
Subramanian Balu**

ISBN: 9789355387332

Pages: 276

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Direct and Bending Stresses

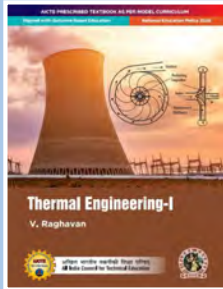
Unit 2: Slope and Deflection

Unit 3: Fixed and Continuous Beams

Unit 4: Moment Distribution Method

Unit 5: Simple Trusses

CIVIL & MECHANICAL ENGINEERING



THERMAL ENGINEERING - I

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

V. Raghavan

ISBN: 9789355389015

Pages: 144

Year: 2026

Edition: First

Language: English

CONTENTS:

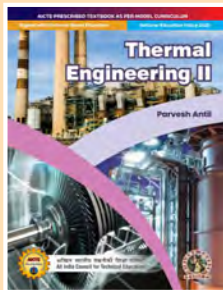
Chapter 1: Sources of Energy.

Chapter 2: Internal Combustion Engines.

Chapter 3: C. Engine Systems.

Chapter 4: Performance of I.C. Engines.

Chapter 5: Air Compressors, Refrigeration & Air Conditioning



THERMAL ENGINEERING - II

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Parvesh Antil

ISBN: 9789355389831

Pages: 164

Year: 2026

Edition: First

Language: English

CONTENTS:

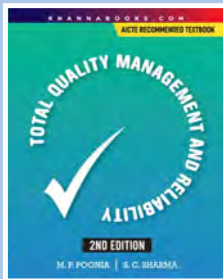
Unit 1: Gas Turbines

Unit 2: Properties of Steam

Unit 3: Steam Generators

Unit 4: Steam Nozzles

Unit 5: Steam Turbines



TOTAL QUALITY MANAGEMENT AND RELIABILITY

AICTE RECOMMENDED

MP Poonia, S.C. Sharma

ISBN: 9789391505226

Pages: 456

Year: 2025

Edition: Second

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

...

CIVIL & MECHANICAL ENGINEERING



TRANSMISSION MAIN

G. N. Virupaksha

ISBN: 9789355389756

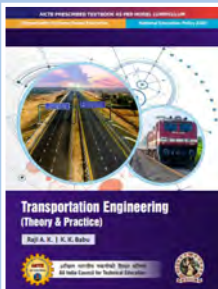
Pages: 156

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



TRANSPORTATION ENGINEERING (THEORY & PRACTICE)

ICITE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Raji A.K., Dr. K.K. Babu

ISBN: 9789355386779

Pages: 308

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Overview of Highway Engineering
Unit 2: Geometric Design of Highways
Unit 3: Construction of Road Pavements
Unit 4: Basics of Railway Engineering
Unit 5: Track Geometrics, Construction and Maintenance



TRANSPORTATION ENGINEERING

ICITE PRESCRIBED TEXTBOOK

Also available in Regional Languages

A.K. Raji

ISBN: 9789355384928

Pages: 384

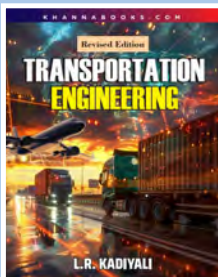
Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Highway Development and Planning
Unit 2: Geometric Design of Highways
Unit 3: Accessibility To Differently Aabled Publics
Unit 4: Traffic Engineering and Control
Unit 5: Pavement Materials
Unit 6: Design of Pavements



TRANSPORTATION ENGINEERING

ICITE 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

CIVIL & MECHANICAL ENGINEERING



UNACCOUNTED FOR WATER

S. Siddappaswamy

ISBN: 9789355388766

Pages: 88

Year: 2006

Language: English

CONTENTS:

Chapter 1: Introduction to Unaccounted for Water;

Chapter 2: Introduction to Leakage Control;

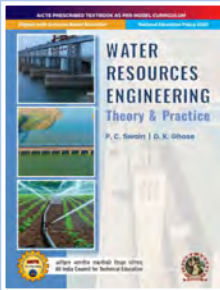
Chapter 3: Unaccounted for Water (UFW);

Chapter 4: Leakage Control;

Chapter 5: Selection of Techniques for Leakage Control Program;

Chapter 6: Leak Detection Instruments;

...



WATER RESOURCES ENGINEERING (THEORY & PRACTICE)

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

Prof. Prakash Chandra Swain, Dr. Dillip Kumar Ghose

ISBN: 9789355384287

Pages: 304

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction to Hydrology

Unit 2: Crop Water Requirements and Reservoir Planning

Unit 3: Dams and Spillways

Unit 4: Minor & Micro Irrigation

Unit 5: Diversion Headworks & Canals

COMPUTER SCIENCE ENGINEERING



5G NETWORKS: CONCEPTS AND APPLICATIONS

**Aishwarya D.,
Abirami R.**

ISBN: 9789355384430

Pages: 88

Year: 2025

Edition: First

Language: English

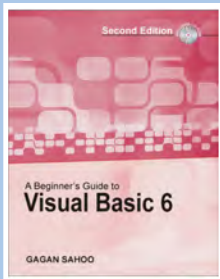
CONTENTS:

Unit-1: Overview of Mobile Communication Generation

Unit-2: 5G: A Network of Opportunity

Unit-3: IoT Applications

Unit-4: Quality of Service



A BEGINNER'S GUIDE TO VISUAL BASIC 6

Gagan Sahoo

ISBN: 9789380016030

Pages: 724

Year: 2013

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;

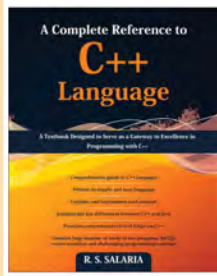
Chapter 10: Mathematical and Financial Functions;

Chapter 11: Fundamentals of Drawing Events;

Chapter 12: GUI Control Concepts;

Chapter 13: Advanced GUI Control Concepts;

COMPUTER SCIENCE ENGINEERING



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;

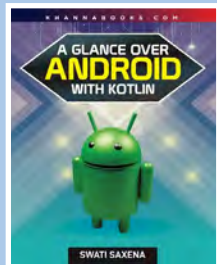
Chapter 10: Classes and Objects;

Chapter 11: Pointers and Dynamic Memory Management;

Chapter 12: Construction and Destructors

Chapter 13: Operator Overloading and Type Conversion

...



A GLANCE OVER ANDROID WITH KOTLIN

Swati Saxena

ISBN: 9789386173812

Pages: 296

Year: 2025

Language: English

CONTENTS:

Chapter 1: Need of Mobile Apps;

Chapter 2: Introduction to Android;

Chapter 3: Deep in Android stack;

Chapter 4: Java for Android;

Chapter 5: Installing the Android SDK and running on Eclipse;

Chapter 6: Eclipse vs Android Studio;

Chapter 7: Android Devices;

Chapter 8: Android Studio

Chapter 9: Kotlin for Android;

Chapter 10: Add Kotlin plug-in Android Studio;

Chapter 11: Ingredients of Android Application;

Chapter 12: Android Component;

Chapter 13: User Interface and Navigation;

Chapter 14: Notification;

Chapter 15: View-Android Widget;

Chapter 16: Core Topics;

Chapter 17: Thread;

Chapter 18: Drawing 2D and 3D Graphics;

Chapter 19: Android Widgets;

...

COMPUTER SCIENCE ENGINEERING



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



A TEXTBOOK OF OPERATING SYSTEM

Jatinder Singh, Lakhwinder Kaur, Savita Gupta

ISBN: 9788190744812

Pages: 976

Year: 2025

Language: English

CONTENTS:

- Chapter 1: Introduction to Operating Systems;
- Chapter 2: Process Management;
- Chapter 3: Memory Management;
- Chapter 4: File and Device Management;
- Chapter 5: Security and Protection;
- Chapter 6: Network and Distributed Systems;
- Chapter 7: Case Studies of Operating Systems

COMPUTER SCIENCE ENGINEERING



**ADVANCE
DATABASES**
Kawaljeet Singh,
Mandeep Singh Bhatia
ISBN: 9788190675826
Pages: 360
Year: 2025
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



**ADVANCED
COMPUTER
ORGANIZATION &
ARCHITECTURE**
Ikvinderpal Singh
ISBN: 9789355387011
Pages: 396
Year: 2025
Edition: Second
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

COMPUTER SCIENCE ENGINEERING



ADVANCED DATA STRUCTURES

Ikvinderpal Singh,
Gurjeet Singh

ISBN: 9789381068793

Pages: 764

Year: 2024

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



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

COMPUTER SCIENCE ENGINEERING



ADVANCED SOFTWARE ENGINEERING

Ikvinderpal Singh

ISBN: 9789382609230

Pages: 592

Year: 2024

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



AI ENHANCED CYBERTHREAT

Dr. R. Shalini, Dr. K. Veena

ISBN: 9789355388247

Pages: 100

Year: 2025

Edition: First

Language: English

CONTENTS:

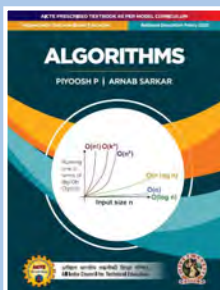
Unit-1: Introduction and Problem Solving

Unit-2: Fundamentals of Cybersecurity

Unit-3: Impact of AI on Cybersecurity

Unit-4: Secure Web and Application Security

Unit-5: Cyber Threats



ALGORITHMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Piyoosh P,
Arnab Sarkar

ISBN: 9789355384546

Pages: 156

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Fundamentals

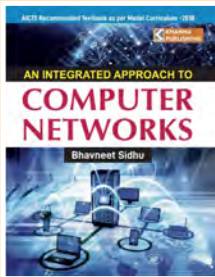
Chapter 2: Sorting

Chapter 3: Searching

Chapter 4: Graphs

Chapter 5: Strings

COMPUTER SCIENCE ENGINEERING



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

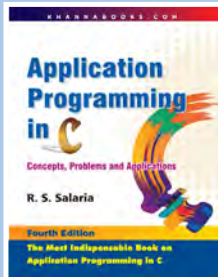
Chapter 7: Multiplexing Techniques;

Chapter 8: Telephone System and ISDN Services

Chapter 9: Data Link Layer

Chapter 10: Multiple Access Protocols

...



APPLICATION PROGRAMMING IN C

R. S. Salaria

ISBN: 9789381068427

Pages: 600

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

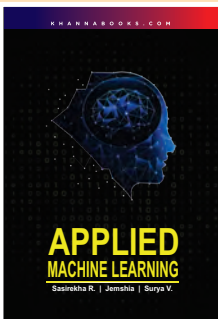
Chapter 10: Structures & Unions

Chapter 11: More About Data Types & Bitwise Operators

Chapter 12: Pointers & Dynamic Memory Management

Chapter 13: Managing Data Files

...



APPLIED MACHINE LEARNING

**Sasirekha R., Surya V.,
Jemshia Miriam**

ISBN: 9789355388421

Pages: 96

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction to Applied Machine Learning

Unit-2: Statistical Analysis in Applied Machine Learning

Unit-3: Introduction to Neural Networks

Unit-4: Data Clustering & Decision Tree Learning

Unit-5: Business Intelligence and Data Mining

COMPUTER SCIENCE ENGINEERING



ARTIFICIAL INTELLIGENCE

A. Deepa, M. P. Vaishnav,
S. Bangaru Kamatchi

ISBN: 9789355382368

Pages: 144

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit-1: Introduction and Problem Solving
- Unit-2: Informed Search and Game Playing
- Unit-3: Knowledge and Reasoning
- Unit-4: Acting Logically
- Unit-5: AI Applications



ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Raghi K.R., Subathra G.,
Nancy Kirupanithi

ISBN: 9789355383365

Pages: 92

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit-1: Intelligent Agents
- Unit-2: Problem Solving
- Unit-3: Introduction to Machine Learning
- Unit-4: Neural Networks
- Unit-5: Design and Analysis of Machine Learning Experiments



ARTIFICIAL INTELLIGENCE SEARCH METHODS & REASONING

Lekshmi S. Raveendran,
Minu Susan Jacob,
Selvapriya

ISBN: 9789355384102

Pages: 96

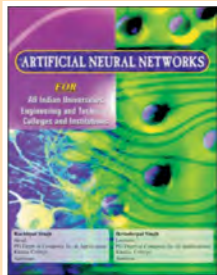
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit-1: Foundations of Artificial Intelligence
- Unit-2: Searching Towards Solution
- Unit-3: Knowledge: Role and Representation
- Unit-4: Approaches behind Planning and Reasoning
- Unit-5: Learning and Communication



ARTIFICIAL NEURAL NETWORKS

Rachhpal Singh,
Ikvinderpal Singh

ISBN: 9789380016207

Pages: 284

Year: 2013

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

COMPUTER SCIENCE ENGINEERING



ARTIFICIAL NEURAL NETWORKS TECHNOLOGY

Munesh Chandra Trivedi

ISBN: 9788190744850

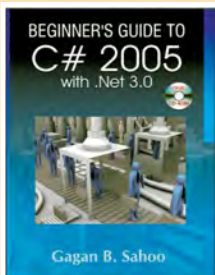
Pages: 362

Year: 2025

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: Inheriances and Polymorphism
- Chapter 14: Delegates and Properties
- Chapter 15: Delegates and Events
- Chapter 16: Exception Handling
- Chapter 17: Operator Overloading
- Chapter 18: File Handling in C#

COMPUTER SCIENCE ENGINEERING



BLOCKCHAIN AND CRYPTOCURRENCY

D. Geethanjali,
R. Jeberson Retna Raj

ISBN: 9789355386328
Pages: 132
Year: 2026
Edition: First
Language: English

CONTENTS:

Unit-1: Introduction of Blockchain
Unit-2: Ethereum Basics
Unit-3: Introduction to Bitcoin
Unit-4: Fundamentals of Cryptocurrencies
Unit-5: Security and Privacy Issues of Blockchain Technology



BLOCKCHAIN DESIGN & USE CASES

Parveen A.

ISBN: 9789355384027
Pages: 96
Year: 2025
Edition: First
Language: English

CONTENTS:

Unit-1: Introduction to Blockchain
Unit-2: Consensus
Unit-3: Hyperledger Fabric
Unit-4: Use Cases 1 & 2
Unit-5: Use Case 3



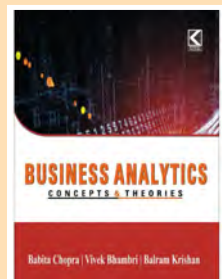
BLOCKCHAIN ECOSYSTEM

M. Madhumathi, U.A. Ranjni

ISBN: 9789355384119
Pages: 74
Year: 2025
Edition: First
Language: English

CONTENTS:

Unit-1: Network and Security
Unit-2: Blockchain Security Issues
Unit-3: Smart Contracts
Unit-4: Performance Related Issues
Unit-5: Challenges in Blockchain



BUSINESS ANALYTICS

AICTE RECOMMENDED

Babita Chopra, Vivek
Bhambr, Balram Krishan

ISBN: 9789382609520
Pages: 220
Year: 2025
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

COMPUTER SCIENCE ENGINEERING



BUSINESS ANALYTICS TURNING DATA INTO STRATEGIES

**K. Lalitha Devi, V. Surya,
Pavithra Babu**

ISBN: 9789355389619

Pages: 148

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction to Business Intelligence

Unit-2: Types of Digital Data

Unit-3: Introduction to Data Mining

Unit-4: Transaction Processing

Unit-5: Business Performance Management



BUSINESS INTELLIGENCE

**Scinthia Clarinda S., Sonia
Jenifer Rayen, Lubna
Kalam**

ISBN: 9789355386427

Pages: 76

Year: 2025

Edition: First

Language: English

CONTENTS:

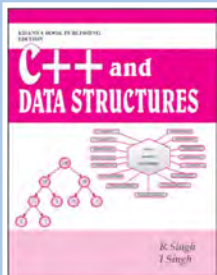
Unit-1: Business Intelligence Introduction

Unit-2: Business Intelligence Life Cycle

Unit-3: Business Intelligence User Model

Unit-4: Business Intelligence Issues and Challenges

Unit-5: Business Intelligence Strategy and Roadmap



C++ AND DATA STRUCTURES

AICTE RECOMMENDED

Ikvinderpal Singh, R. 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

COMPUTER SCIENCE ENGINEERING



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

...



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

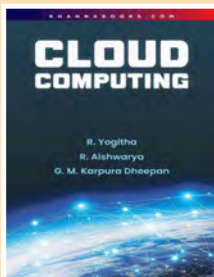
Chapter 3: Client/Server System Development

Chapter 4: Client/Server System Development Software

Chapter 5: Network Interfaces

Chapter 6: Client/Server Systems Development

Chapter 7: Client/Server Training Concepts



CLOUD COMPUTING

R. Yogitha, R. Aishwarya,
G. M. Karpura Dheepan

ISBN: 9789355385468

Pages: 104

Year: 2026

Edition: First

Language: English

CONTENTS:

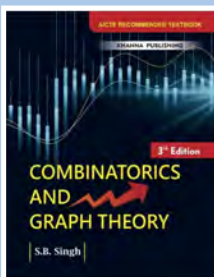
Unit 1: Cloud Introduction

Unit 2: Cloud Infrastructure

Unit 3: Cloud Architecture

Unit 4: Cloud Computing Software Security

Unit 5: Cloud Storage



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

COMPUTER SCIENCE ENGINEERING



COMPILER DESIGN
B. Anayarkanni, D. Usha Nandini, A. Mary Posonia, Ulagamuthalvi
ISBN: 9789355385000
Pages: 312
Year: 2026
Edition: First
Language: English

CONTENTS:

Unit 1: Introduction to Compiler
Unit 2: Syntax Analysis
Unit 3: Syntax Directed Translation and Intermediate Code Generation
Unit 4: Code Optimization
Unit 5: Code Generation



COMPILER DESIGN (PRINCIPLES, TECHNIQUES AND TOOLS)
Ikvinderpal Singh, Sapandeep Kaur Dhillon
ISBN: 9789374540145
Pages: 312
Year: 2026
Edition: Third
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



COMPREHENSIVE LINUX
J. Karthika, M. Vanathi, B. Sandhiya
ISBN: 9789355383648
Pages: 148
Year: 2026
Edition: First
Language: English

CONTENTS:

Unit-1: Getting started with Linux
Unit-2: Gaining Access
Unit-3: File Manipulations
Unit-4: Managing Software in RHEL
Unit-5: Introduction to GIT

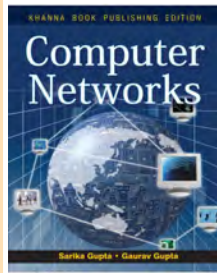


COMPUTATIONAL INTELLIGENCE
D. Menaka, J. Jeysshri
ISBN: 9789355382764
Pages: 76
Year: 2025
Edition: First
Language: English

CONTENTS:

Unit-1: Artificial Intelligence
Unit-2: Artificial Neural Networks
Unit-3: Fuzzy Systems
Unit-4: Genetic Algorithms
Unit-5: Swarm Intelligence

COMPUTER SCIENCE ENGINEERING



COMPUTER NETWORKS

Gaurav Gupta, Sarika Gupta

ISBN: 9789381068250

Pages: 518

Year: 2021

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

...



COMPUTER ARCHITECTURE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

D. Vaithyanathan

ISBN: 9789355387592

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



COMPUTER ARCHITECTURE AND ORGANIZATION

B. Lalithadevi, P. Nandhini,
T. Bhanu Shree, K. Triveni

ISBN: 9789355388032

Pages: 96

Year: 2025

Edition: First

Language: English

CONTENTS:

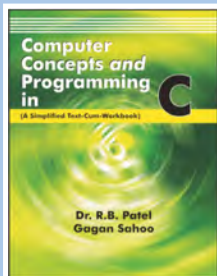
Unit-1: General Registers

Unit-2: Arithmetic Logic Unit and Computer Arithmetic

Unit-3: Memory Organization

Unit-4: Input-Output Organization

Unit-5: Characteristics of Multiprocessors



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

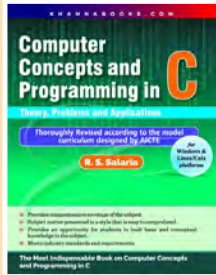
Chapter 10: Arrays and Strings

Chapter 11: C Standard Library Function

Chapter 12: User defined functions

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COMPUTER SCIENCE ENGINEERING



COMPUTER CONCEPTS AND PROGRAMMING IN C

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789386173782

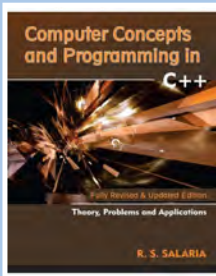
Pages: 504

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
- ...



COMPUTER CONCEPTS AND PROGRAMMING IN C++

R.S. Salaria

ISBN: 9789382609902

Pages: 656

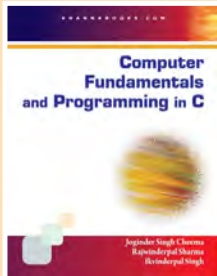
Year: 2016

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 SCIENCE ENGINEERING



COMPUTER FUNDAMENTALS & PROGRAMMING IN C

Joginder Singh Cheena,
Rajwinderpal Sharma,
Ikvinderpal Singh

ISBN: 9789381068380

Pages: 696

Year: 2011

Language: English

CONTENTS:

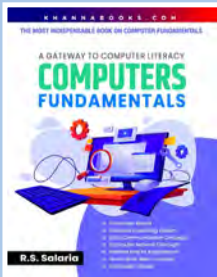
UNIT 1

- 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

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COMPUTERS FUNDAMENTALS

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789381068533

Pages: 488

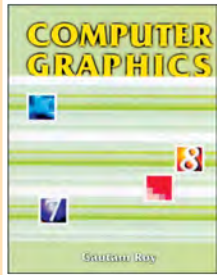
Year: 2024

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



COMPUTER GRAPHICS

Gautam Roy

ISBN: 9788187325413

Pages: 452

Year: 2015

Language: English

CONTENTS:

Chapter 1: Introduction to Computer Graphics

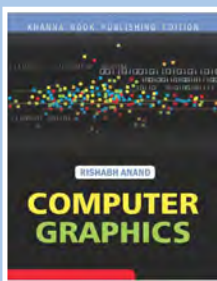
Chapter 2: Elementary Drawing Algorithms

Chapter 3: Transformation

Chapter 4: Three Dimensional Graphics System

Chapter 5: Graphics Application Area

Chapter 6: Programming Examples



COMPUTER 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

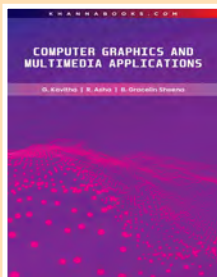
Chapter 10: Curves & Fractals

Chapter 11: Interactive Graphics

Chapter 12: Graphical User Interface

Chapter 13: Graphics Kernel System

Chapter 14: Animation



COMPUTER GRAPHICS AND MULTIMEDIA APPLICATIONS

G. Kavitha, R. Asha,
B. Gracelin Sheena

ISBN: 9789355387226

Pages: 144

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Basics of Computer Graphics

Unit-2: 2D Transformations and Viewing

Unit-3: 3D Concepts and Fractal Geometry

Unit-4: Visible Surface Detection Methods

Unit-5: Introduction to Multimedia

COMPUTER SCIENCE ENGINEERING



COMPUTER NETWORKING AND DATA COMMUNICATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Sanjay Shankar Tripathy

ISBN: 9789355388964

Pages: 172

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction to Data Communication

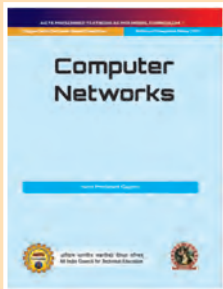
Unit 2: Digital & Analog Transmission

Unit 3: Wireless Communication

Unit 4: Data Link Layer Technologies

Unit 5: Network Layer Technologies

Unit 6: Transmission Media & Transmission Control protocol



COMPUTER NETWORKS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Hari Prabhat Gupta

ISBN: 9789355385093

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



COMPUTER NETWORKS AND DESIGN

**A. Deepa, M.K. Dharani,
T. Anitha**

ISBN: 9789355385314

Pages: 116

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Fundamentals of Network Design

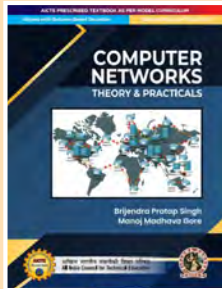
Unit-2: Underlying LAN Concepts

Unit-3: VPNs, Intranets and Extranets

Unit-4: Networking Tools and Simulation

Unit-5: Evolving Technologies

COMPUTER SCIENCE ENGINEERING



COMPUTER NETWORKS: THEORY & PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Brijendra Pratap Singh,
Manoj Madhava Gore**

ISBN: 9789355382986

Pages: 128

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Principles of Computer Networks

Chapter 2: Transmission Media, Data Link Layer, and Local Area Networks

Chapter 3: Network Layer, Routing Algorithms, and Protocols

Chapter 4: Transport and Application Layer

Chapter 5: Networking Devices and Network Management System



COMPUTER ORGANIZATION AND ARCHITECTURE

Ikvinderpal Singh

ISBN: 9789355383457

Pages: 778

Year: 2023

Edition: Second

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

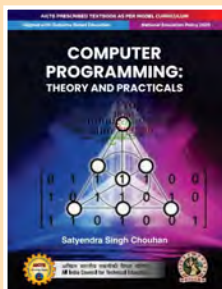
Chapter 10: Central Processing Unit

Chapter 11: Pipeline and Vector Processing

Chapter 12: Input-Output Organization

Chapter 13: Memory System Design

Chapter 14: Introduction to Multiprocessors



COMPUTER PROGRAMMING: THEORY AND PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Satyendra Singh Chouhan

ISBN: 9789355382672

Pages: 188

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Problem solving using Computers

Chapter 2: Operators and Input-Output in C

Chapter 3: Control statements in C

Chapter 4: Arrays and Functions in C

Chapter 5: Recursion and recursive solutions

COMPUTER SCIENCE ENGINEERING



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

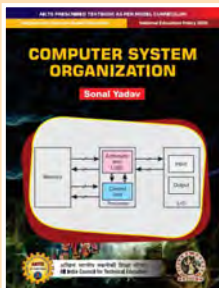
Chapter 9: Getting Started With C

Chapter 10: Fundamental Data Types in C

Chapter 11: Operators and Expressions in C

Chapter 12: Standard Input/Output in C

...



COMPUTER SYSTEM ORGANIZATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Sonal Yadav

ISBN: 9789355387714

Pages: 184

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Structure of Computers

Chapter 2: Micro Programmed Control

Chapter 3: Microprocessor Architecture

Chapter 4: Assembly Language Programming

Chapter 5: Memory and Digital Interfacing



COMPUTING FUNDAMENTALS AND PROGRAMMING IN C

AICTE RECOMMENDED

Nasib Singh Gill

ISBN: 9789381068502

Pages: 856

Year: 2025

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;

...

COMPUTER SCIENCE ENGINEERING



CORE JAVA

Tanweer Alam

ISBN: 9789382609100

Pages: 592

Year: 2015

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



CRYPTOCURRENCY TECHNOLOGIES

Shanmuga Prabha P., Priya Lakshmi S., Shanmuga Priya R.

ISBN: 9789355383617

Pages: 192

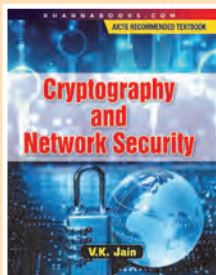
Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Digital Money and Cryptography
Unit-2: Cryptography and Blockchain Technology
Unit-3: Cryptocurrency and Blockchain Technology
Unit-4: Ethereum and Solidity
Unit-5: Cryptocurrency Regulation and Blockchain Applications



CRYPTOGRAPHY AND NETWORK SECURITY

AICTE RECOMMENDED

V.K. Jain

ISBN: 9789380016801

Pages: 604

Year: 2024

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

COMPUTER SCIENCE ENGINEERING



CYBER FORENSICS

Dr. Veena K, Dr. R Shalini

ISBN: 9789355385444

Pages: 88

Year: 2025

Edition: First

Language: English

CONTENTS:

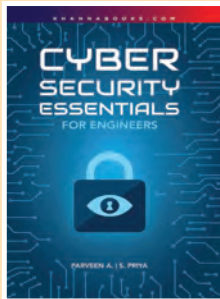
Unit-1: Digital Investigations

Unit-2: Understanding Information

Unit-3: Computer Basics For Digital Investigators

Unit-4: Types Of Computer Forensics

Unit-5: Advanced Cyber Forensics



CYBER SECURITY ESSENTIALS FOR ENGINEERS

Parveen A., S. Priya

ISBN: 9789355388520

Pages: 72

Year: 2025

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction to Cybersecurity

Unit-2: Cybersecurity – Threats & Attacks

Unit-3: Security Tools & Technologies

Unit-4: Cryptography

Unit-5: Protocols For Secure Communication



DATA AND INFORMATION SCIENCE

Dr. S. Mangairkarasi,
Dr. N. Senthamilarasi,
Dr. V. Subapriya

ISBN: 9789355389725

Pages: 164

Year: 2026

Edition: First

Language: English

CONTENTS:

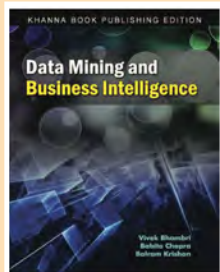
Unit-1: Data Acquisition

Unit-2: Data Processing and Preparation

Unit-3: Data Quality and Transformation

Unit-4: Handling Text Data

Unit-5: Business Intelligence Strategy and Road Map



DATA MINING AND BUSINESS INTELLIGENCE

Vivek Bhambri,
Babita Chopra,
Balram Krishan

ISBN: 9789382609278

Pages: 336

Year: 2014

Language: English

CONTENTS:

Chapter 1: Introduction to Data Warehousing

Chapter 2: Data Warehouse Molding

Chapter 3: Building a Data Warehouse

Chapter 4: Data Ware House Architecture

Chapter 5: Data Mining

Chapter 6: Association Rules Mining

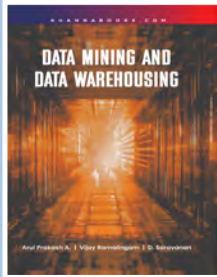
Chapter 7: Classification

Chapter 8: Prediction Techniques

Chapter 9: Clustering Technique

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COMPUTER SCIENCE ENGINEERING



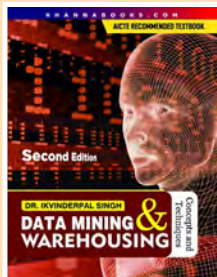
DATA MINING AND DATA WAREHOUSING

Arul Prakash A,
Vijay Ramalingam,
D. Saravanan

ISBN: 9789355387325
Pages: 336
Year: 2026
Edition: First
Language: English

CONTENTS:

Unit-1: Data Mining
Unit-2: Data Warehousing
Unit-3: Association Rule Mining
Unit-4: Classification and Prediction
Unit-5: Clustering, Applications & Trends in Data Mining



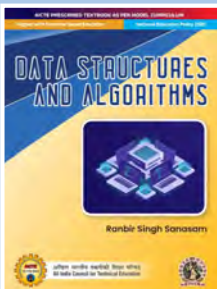
DATA MINING & WAREHOUSING (CONCEPTS AND TECHNIQUES)

AICTE RECOMMENDED

Ikvinderpal 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



DATA STRUCTURES AND ALGORITHMS

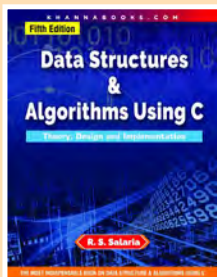
AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Ranbir Singh Sanasam
ISBN: 9789355385420
Pages: 320
Year: 2026
Edition: First
Language: English

CONTENTS:

Unit 1: Introduction
Unit 2: Array, Stack, and Queue
Unit 3: Linked List and Trees
Unit 4: Sorting, Hash and Graph



DATA STRUCTURES & ALGORITHMS USING C

AICTE RECOMMENDED

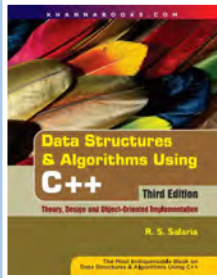
R.S. Salaria
ISBN: 9789381068588
Pages: 552
Year: 2025
Edition: Fifth
Language: English

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

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COMPUTER SCIENCE ENGINEERING



DATA STRUCTURES & ALGORITHMS USING C++

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789381068595

Pages: 616

Year: 2026

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 AND ALGORITHMS (KNOWLEDGE ENHANCEMENT PROGRAM)

**Munesh Chandra Trivedi,
Harivans Pratap Singh**

ISBN: 9789355385185

Pages: 658

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 AN ALGORITHMIC APPROACH

**Ikvinderpal Singh,
Sapandeep Kaur Dhillon**

ISBN: 9789374544884

Pages: 960

Year: 2026

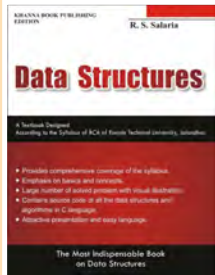
Edition: Second

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



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

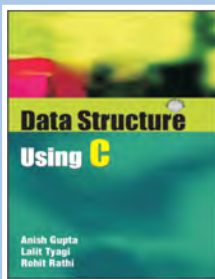
Chapter 4: Linked Lists

Chapter 5: Stacks

Chapter 6: Queues

Chapter 7: Trees

Chapter 8: Sorting And Searching



DATA STRUCTURE USING C

Anish Gupta, Lalit Tyagi, Rohit Rathi

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

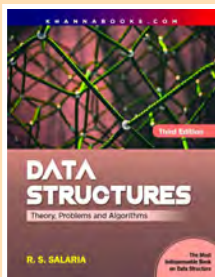
Chapter 6: Trees

Chapter 7: Searching & Hashing

Chapter 8: Sorting

Chapter 9: Graphs

Chapter 10: Files



DATA STRUCTURES

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;

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DATA STRUCTURES: THEORY & PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

NB Venkateswarlu

ISBN: 9789355387684

Pages: 320

Year: 2026

Edition: First

Language: English

CONTENTS:

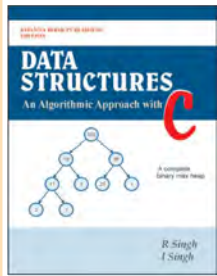
Chapter 1: Introduction to Data Structures.

Chapter 2: Stacks and Queues.

Chapter 3: Linked Lists.

Chapter 4: Non-Linear Data Structures.

COMPUTER SCIENCE ENGINEERING



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

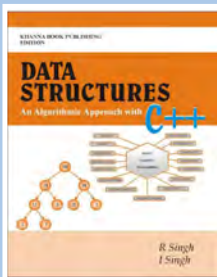
Chapter 7: Queues

Chapter 8: Trees

Chapter 9: Search Trees

Chapter 10: Heaps

...



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

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DATABASE MANAGEMENT SYSTEM

Japneet Kaur

ISBN: 9789380016054

Pages: 580

Year: 2010

Language: English

CONTENTS:

Chapter 1: Fundamentals of Database Management Systems.

Chapter 2: Database concepts and Architecture.

Chapter 3: Data Models.

Chapter 4: Entity Relationship Modeling.

Chapter 5: Relational Database Management System.

Chapter 6: Relational Algebra and Calculus.

Chapter 7: Normalization.

Chapter 8: Structured Query Language.

Chapter 9: Transaction Management.

Chapter 10: Concurrency Control.

...

COMPUTER SCIENCE ENGINEERING



DATABASE MANAGEMENT SYSTEM **(FOUNDATIONS, CONCEPTS AND APPLICATIONS)**

Munesh Chandra Trivedi,
Harivans Pratap Singh

ISBN: 9789355387844

Pages: 180

Year: 2026

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



DATABASE MANAGEMENT SYSTEM

AICTE RECOMMENDED

R.P. Mahapatra,
Govind Verma

ISBN: 9789382609148

Pages: 552

Year: 2026

Language: English

CONTENTS:

Chapter 1: Introduction

Chapter 2: Data Base Design and data Modeling

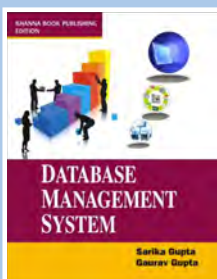
Chapter 3: Data Base Query Languages

Chapter 4: Database Storage & File Structure

Chapter 5: Database Implementation

Chapter 6: Type Of Databases

Chapter 7: Database Application



DATABASE MANAGEMENT SYSTEM

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;

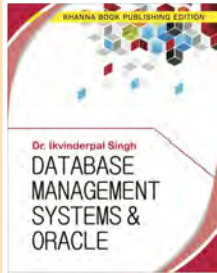
Chapter 6: Transaction Management and Processing Concepts;

Chapter 7: Serializability;

Chapter 8: Concurrency Control Techniques;

Chapter 9: Distributed Database Concepts

COMPUTER SCIENCE ENGINEERING



DATABASE MANAGEMENT SYSTEMS & ORACLE

Ikvinderpal Singh

ISBN: 9789382609292

Pages: 864

Year: 2014

Edition: First

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

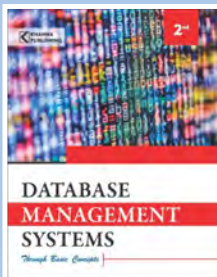
Chapter 4: Pl/Sql Transactions and Concurrency Control

Chapter 5: Pl/Sql Cursors

Chapter 6: Pl/Sql Subprograms

Chapter 7: Pl/Sql Database Triggers

Chapter 8: Handling Pl/Sql Errors



DATABASE MANAGEMENT SYSTEMS

Dalwinder Singh Salaria

ISBN: 9789382609766

Pages: 366

Year: 2017

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction and Overview;

Chapter 2: Data Models;

Chapter 3: Relational Model;

Chapter 4: Structure Query Language;

Chapter 5: Relational Database Design;

Chapter 6: Transaction Processing System;

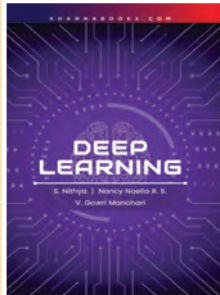
Chapter 7: Security;

Chapter 8: PL/SQL;

Chapter 9: Distributed Database;

Chapter 10: New Application

COMPUTER SCIENCE ENGINEERING



DEEP LEARNING

S. Nithya, Nancy Noella R. S., V. Gowri Manohari

ISBN: 9789355388193

Pages: 104

Year: 2026

Edition: First

Language: English

CONTENTS:

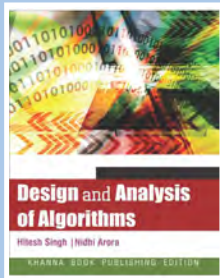
Unit-1: Introduction to Machine Learning (ML)

Unit-2: Introduction to Deep Learning

Unit-3: Dimensionality Reduction

Unit-4: Optimization and Generalization

Unit-5: Case Study and Applications



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

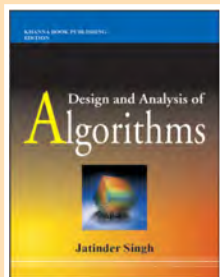
Chapter 7: Heap Sort;

Chapter 8: Sorting In Linear Time

Chapter 9: Randomized Algorithm

Chapter 10: Elementary Data Structures

...



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

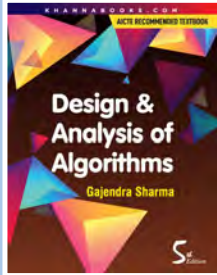
UNIT - 4

Chapter 1: Graphs;

Chapter 2: Single- Source Shortest Path;

...

COMPUTER SCIENCE ENGINEERING



DESIGN & ANALYSIS OF ALGORITHMS

AICTE RECOMMENDED

Gajendra Sharma

ISBN: 9789382609438

Pages: 640

Year: 2026

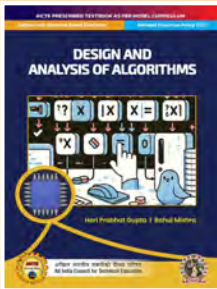
Edition: Fifth

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;

...



DESIGN AND ANALYSIS OF ALGORITHMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. Hari Prabhath Gupta
Ph.D, Dr. Rahul Mishra
Ph.D**

ISBN: 9789355386700

Pages: 324

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1: Introduction to Algorithms
- Unit 2: Analysis of Algorithms
- Unit 3: Analysis of Recursive Algorithms
- Unit 4: Graph and Tree Algorithms
- Unit 5: Brute-Force Methodology
- Unit 6: Greedy Algorithms
- Unit 7: Dynamic Programming
- Unit 8: Divide-and-Conquer
- Unit 9: NP-Completeness
- Unit 10: Advanced Topics in Algorithms



DEVOPS

**Shanthi Thangam M.,
Balapriya S.**

ISBN: 9789355386274

Pages: 192

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit-1: Introduction to DevOps
- Unit-2: Agile Software Development
- Unit-3: Cloud Computing and Aws
- Unit-4: Git and Configuration Management Tool
- Unit-5: Deployment and Monitoring Tool

COMPUTER SCIENCE ENGINEERING



DIGITAL IMAGE PROCESSING

Ikvinderpal Singh, 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

ICTE RECOMMENDED

Munesh Chandra Trivedi, Sanjay M. Shah

ISBN: 9789380016153

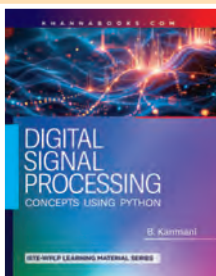
Pages: 408

Year: 2024

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 SIGNAL PROCESSING CONCEPTS USING PYTHON

B. Kanmani

ISBN: 9789355382689

Pages: 492

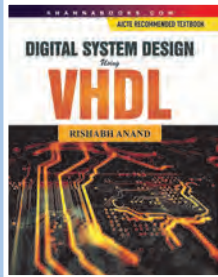
Year: 2024

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 System;
- Chapter 7: Design and Analysis of RIF Filters
- Chapter 8: Analog Butterworth Filters;
- Chapter 9: Design Analysis of IIR Filters

COMPUTER SCIENCE ENGINEERING



DIGITAL SYSTEM DESIGN USING VHDL

AICTE RECOMMENDED

Rishabh Anand

ISBN: 9789381068786

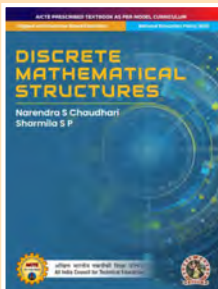
Pages: 348

Year: 2023

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



DISCRETE MATHEMATICAL STRUCTURES

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Narendra S. Chaudhari, Mrs. Sharmila S.P.

ISBN: 9789355385222

Pages: 528

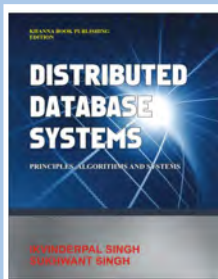
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1: Logic
- Unit 2: Sets, Relations and Functions
- Unit 3: Proof Strategies
- Unit 4: Modular Arithmetic
- Unit 5: Combinatorics
- Unit 6: Some Algebraic Structures
- Unit 7: Graphs
- Unit 8: Discrete Probability



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

COMPUTER SCIENCE ENGINEERING



DISTRIBUTED SYSTEM CONCEPTS

Munesh Chandra Trivedi

ISBN: 9789380016412

Pages: 372

Year: 2025

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



EMBEDDED SYSTEM-SOFTWARE AND REAL TIME ISSUES

Shilpa Chaudhari

ISBN: 9789355384812

Pages: 458

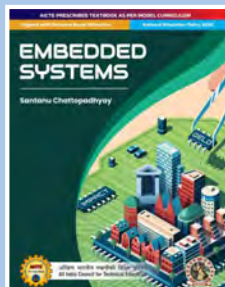
Year: 2009

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 Micro C-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

COMPUTER SCIENCE ENGINEERING



EMBEDDED SYSTEMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Santanu Chattopadhyay

ISBN: 9789355388711

Pages: 256

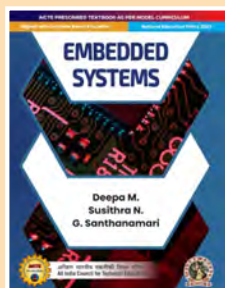
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1: Embedded System Basics
- Unit 2: Embedded Processors
- Unit 3: Interfacing
- Unit 4: Real-Time System Design
- Unit 5: Embedded Programming
- Unit 6: Hardware-Software Codesign



EMBEDDED SYSTEMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Deepa M, Susithra N,
Dr. G. Santhanamari**

ISBN: 9789355384690

Pages: 232

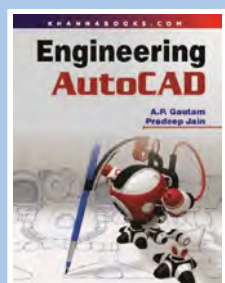
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1: Embedded C Basics and Operators for Arduino
- Unit 2: Embedded C Control Structure Blocks
- Unit 3: Introduction to Arduino Mega
- Unit 4: Communication with Arduino



ENGINEERING AUTOCAD

AICTE RECOMMENDED

A.P. Gautam, Pradeep Jain

ISBN: 9789381068946

Pages: 300

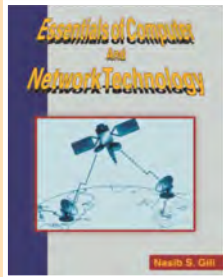
Year: 2026

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

COMPUTER SCIENCE ENGINEERING



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

Ikvinderpal Singh,
Sapandeep Kaur Dhillon

ISBN: 9789374549292

Pages: 740

Year: 2026

Edition: Second

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 Character
Test Functions



EXPERT C++ PROGRAMMING

Ikvinderpal Singh,
Sapandeep Kaur Dhillon

ISBN: 9789374544556

Pages: 984

Year: 2026

Edition: Second

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;

...

COMPUTER SCIENCE ENGINEERING



EXPERT DATA STRUCTURES WITH C

AICTE RECOMMENDED

R.B. Patel

ISBN: 9789386173690

Pages: 792

Year: 2026

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



FIREWALL AND NETWORK PROTECTION

**G. Sabeena Gnana Selvi,
P. V. Sathish Jackson**

ISBN: 9789355382863

Pages: 104

Year: 2026

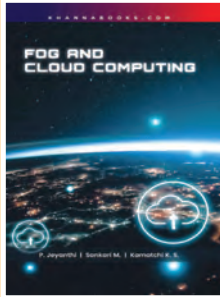
Edition: First

Language: English

CONTENTS:

- Unit-1: Foundation of Network Security**
Chapter 1: Introduction to System and Network Security
- Unit-2: Cryptography and Secure Communication**
Chapter 2: Symmetric Key Encryption
Chapter 3: Public Key Encryption and Digital Signatures
- Unit-3: Securing the Internet and Emerging Technologies**
Chapter 4: Internet Security Protocols
- Unit-4: Combating Malicious Software and Attacks**
Chapter 5: Understanding Malicious Software
Chapter 6: Case Studies in Cryptographic Solutions
- Unit-5: Intrusion Detection and Firewalls**
Chapter 7: Intrusion Detection Systems (IDS)
Chapter 8: Firewalls: Network Access Controls

COMPUTER SCIENCE ENGINEERING



FOG AND CLOUD COMPUTING

Sankari M., Kamatchi K.S.,
P. Jeyanthi

ISBN: 9789355382399
Pages: 120
Year: 2025
Edition: First
Language: English

CONTENTS:

- Unit-1: Understanding Cloud Computing
- Unit-2: Cloud Service Models
- Unit-3: Cloud Deployment Models and Virtualization
- Unit-4: Management in Cloud Computing and Security
- Unit-5: Fog Computing



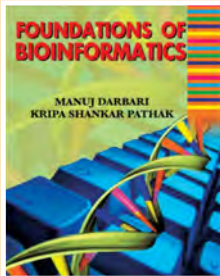
FOUNDATION OF DATA SCIENCE

Sasirekha R., Nandhini P.,
Krishnaveni P.

ISBN: 9789355385574
Pages: 168
Year: 2026
Edition: First
Language: English

CONTENTS:

- Unit-1: Introduction to Data Acquisition
- Unit-2: Data Pre-Processing
- Unit-3: Reliable Data: Quality Control and Transformation Method
- Unit-4: Introduction to NLP
- Unit-5: Introduction to Big Data



FOUNDATIONS OF BIOINFORMATICS

Manuj Darbari,
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

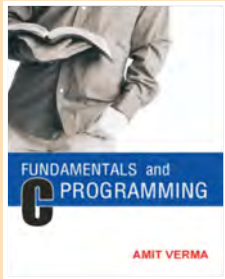
ISBN: 9788187325048
Pages: 640
Year: 2010
Language: English

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;

...

COMPUTER SCIENCE ENGINEERING



FUNDAMENTALS AND C PROGRAMMING

Amit Verma

ISBN: 9789380016924

Pages: 338

Year: 2013

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

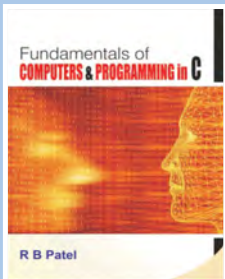
Chapter 8: Array;

Chapter 9: Pointer

Chapter 10: Structure;

Chapter 11: Functions

Chapter 12: File Input/Output



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;

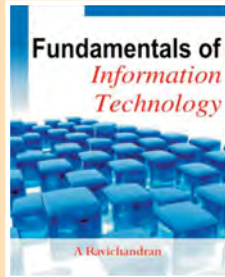
Chapter 19: Arrays;

Chapter 20: Pointers;

Chapter 21: Structures and Union;

Chapter 22: File Handling in C

COMPUTER SCIENCE ENGINEERING



FUNDAMENTALS OF INFORMATION TECHNOLOGY

A. Ravichandran

ISBN: 9789380016344

Pages: 664

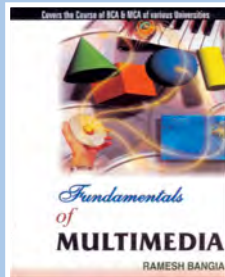
Year: 2014

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;

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FUNDAMENTALS OF MULTIMEDIA

AICTE RECOMMENDED

Ramesh Bangia

ISBN: 9788187325192

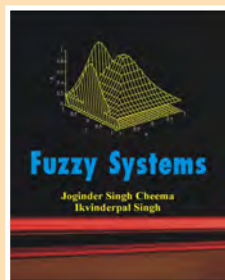
Pages: 248

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

Joginder Singh Cheema,
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

COMPUTER SCIENCE ENGINEERING



GENERATIVE AI

Usama Abdur Rahman,
Sonia Jenifer Rayer,
Shiela David

ISBN: 9789355387424

Pages: 108

Year: 2026

Edition: First

Language: English

CONTENTS:

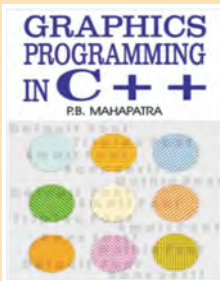
Unit-1: Introduction to Generative AI

Unit-2: Transformer Models

Unit-3: Large Language Models (LLMs)

Unit-4: Advance in Generative AI

Unit-5: Ethical Considerations in AI



GRAPHICS PROGRAMMING IN C++

P.B. Mahapatra

ISBN: 9788187522380

Pages: 272

Year: 2013

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



HANDBOOK OF COMPUTER FUNDAMENTALS

AICTE RECOMMENDED

Nasib Singh Gill

ISBN: 9789382609674

Pages: 400

Year: 2025

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

COMPUTER SCIENCE ENGINEERING



HARDWARE INTERFACES AND ITS APPLICATION

Manju C. Nair, R. Lalitha, Dharani V

ISBN: 9789355386434

Pages: 176

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction To Pc And Memory

Unit-2: Motherboard Designs

Unit-3: Storage Devices And Data Interfaces

Unit-4: Memory Management And Optimization

Unit-5: Advanced Storage Technologies



HUMAN COMPUTER INTERACTION

Sonia Jenifer Rayen, Sathyabama Krishna, R. Sudha

ISBN: 9789355389213

Pages: 100

Year: 2026

Edition: First

Language: English

CONTENTS:

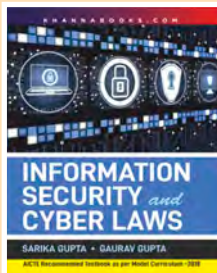
Unit-1: Foundations of Human Computer

Unit-2: Design & Software Process

Unit-3: Models and Theories

Unit-4: Mobile HCI

Unit-5: Web Interface Design



INFORMATION SECURITY & CYBER LAWS

AICTE RECOMMENDED

Gaurav Gupta, Sarika Gupta

ISBN: 9789381068243

Pages: 426

Year: 2025

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



INFORMATION SECURITY- A PRACTICAL APPROACH

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

ISBN: 9789355386892

Pages: 132

Year: 2019

Language: English

CONTENTS:

Chapter 1: An Overview of Information Security;

Chapter 2: Organization Strategies for Information Security;

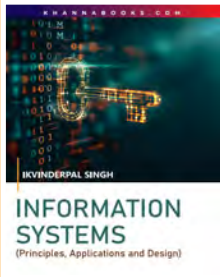
Chapter 3: Essential Mathematics for Information Security;

Chapter 4: Standard Security Algorithms

Chapter 5: Implementation of Security Algorithm;

Chapter 6: Case Studies

COMPUTER SCIENCE ENGINEERING



INFORMATION SYSTEMS

Ikvinderpal Singh

ISBN: 9789382609339

Pages: 416

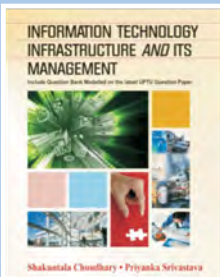
Year: 2025

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;

...



INFORMATION TECHNOLOGY INFRASTRUCTURE & ITS MANAGEMENT

AICTE RECOMMENDED

Shakuntala Choudhary,
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, 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 WORKSHOP IN MATLAB

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Hari Prabhat Gupta

ISBN: 9789355389688

Pages: 224

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1:** Introduction to IT Workshop
- Unit 2:** Preliminaries of MATLAB
- Unit 3:** Basics of MATLAB
- Unit 4:** Vectors and Matrices in MATLAB
- Unit 5:** MATLAB Scripts and Functions
- Unit 6:** Branch Statements in MATLAB
- Unit 7:** Loop Statements in MATLAB
- Unit 8:** Image Processing and File Handling in MATLAB
- Unit 9:** MATLAB Program Organization and Debugging Techniques



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;



INTERNET AND WEB TECHNOLOGY

A. Ravichandran

ISBN: 9789380016269

Pages: 448

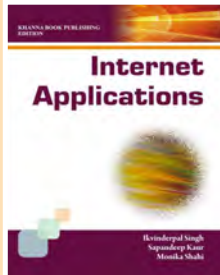
Year: 2025

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



INTERNET APPLICATIONS

Ikvinderpal Singh,
Sapandeep Kaur, 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



INTERNET OF THINGS

A. Sivasangari,
L. Lakshamanan,
P. Ajitha

ISBN: 9789355389985
Pages: 96
Year: 2026
Edition: First
Language: English

CONTENTS:
Unit-1: Introduction to IoT
Unit-2: IoT Connectivity and Hardware Platforms
Unit-3: Communication and Connective Technologies
Unit-4: Big Data Analytics
Unit-5: Hands-On Projects



INTERNET OF THINGS

AICTE PRESCRIBED TEXTBOOK
Also available in Regional Languages

Dr. Sujata Pal
ISBN: 9789355384959
Pages: 180
Year: 2026
Edition: First
Language: English

CONTENTS:
Unit 1: Fundamentals of Internet of Things
Unit 2: IoT Communications Protocols
Unit 3: Arduino Programming
Unit 4: Implementation of IoT with Raspberry Pi
Unit 5: IoT Applications with Case Studies



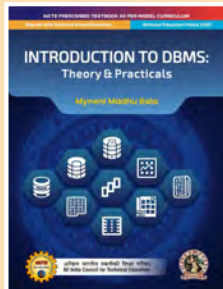
INTRODUCTION TO DATABASE SYSTEMS

AICTE PRESCRIBED TEXTBOOK
Also available in Regional Languages

Vikram Singh
ISBN: 9789355384805
Year: 2026
Edition: First
Language: English

Forthcoming Title: In Final Production; Releasing Soon.

COMPUTER SCIENCE ENGINEERING



INTRODUCTION TO DBMS: THEORY & PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Myneri Madhu Bala

ISBN: 9789355388650

Pages: 204

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction

Unit 2: Data Modeling

Unit 3: Relational Model and Formal Query Languages

Unit 4: Structured Query Language (SQL)

Unit 5: Functional Dependencies and Normalization for Databases



INTRODUCTION TO E-GOVERNANCE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Kamal Kant Verma

ISBN: 9789355384294

Pages: 248

Year: 2026

Edition: First

Language: English

CONTENTS:

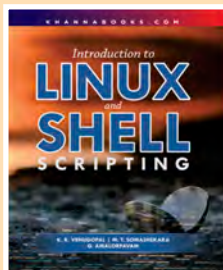
Unit 1: Introduction to e-Governance

Unit 2: Government Process Re-engineering

Unit 3: Architecture and Models of e-Governance

Unit 4: Focus on Indian Initiatives

Unit 5: Evaluation of e-governance Projects



INTRODUCTION TO LINUX AND SHELL SCRIPTING

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

ISBN: 9788195123117

Pages: 486

Year: 2025

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;

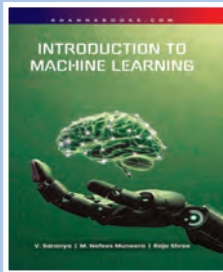
Chapter 14: Communication Facility in Linux;

Chapter 15: Linux System Administration;

Chapter 16: Disk Management in Linux;

Chapter 17: Administering Printers

COMPUTER SCIENCE ENGINEERING



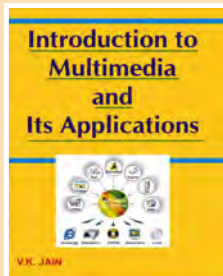
INTRODUCTION TO MACHINE LEARNING

V. Saranya, M. Nafees Muneera, Raja Shree

ISBN: 9789355389350
Pages: 124
Year: 2026
Year: First
Language: English

CONTENTS:

Unit-1: Introduction to Machine Learning
Unit-2: Basic Mathematical Concepts for Machine Learning
Unit-3: Supervised Learning
Unit-4: Unsupervised Learning
Unit-5: Generalization and Optimization



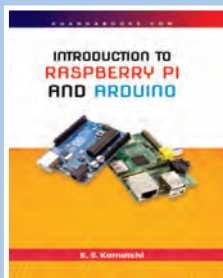
INTRODUCTION TO MULTIMEDIA AND ITS APPLICATIONS

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



INTRODUCTION TO RASPBERRY PI AND ARDUINO

K. S. Kamatchi

ISBN: 9789355382245
Pages: 196
Year: 2026
Year: First
Language: English

CONTENTS:

Unit-1: Introduction To Sensors
Unit-2: IoT with arduino
Unit-3: Programming ESP 8266 Module
Unit-4: Introduction to Raspberry Pi
Unit-5: IoT desine using Raspberry Pi
Unit-6: Exercises



INTRODUCTION TO WEB TECHNOLOGY

Tanweer Alam

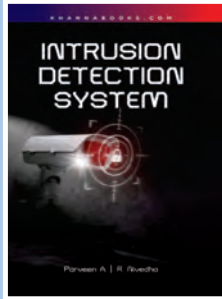
ISBN: 9789380016863
Pages: 540
Year: 2025
Language: English

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;

...

COMPUTER SCIENCE ENGINEERING



INTRUSION DETECTION SYSTEM

Parveen A., R. Nivedha

ISBN: 9789355382474

Pages: 100

Year: 2025

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction To Intrusion Detection Systems

Unit-2: Machine Learning and Artificial Intelligence in IDS

Unit-3: IDS for Emerging Technologies

Unit-4: Advanced Techniques and Hybrid Models

Unit-5: Future Trends and Research Challenges.



IOT AND MULTIMEDIA TECHNOLOGY

Priya Lakshmi S.,
Shanmughaa Priyaa R.,
Shanmugha Prabha P

ISBN: 9789355383686

Pages: 108

Year: 2025

Edition: First

Language: English

CONTENTS:

Unit-1: Multimedia Big Data in IoT Ecosystems

Unit-2: Guaranteed Service Model

Unit-3: Multimedia Transport

Unit-4: Evolution Embedded Internet

Unit-5: Application Environment



MACHINE LEARNING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Himanshu Mittal

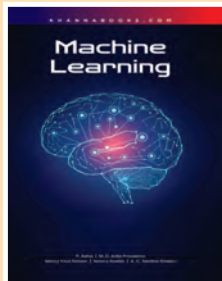
ISBN: 9789355385383

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



MACHINE LEARNING

P. Asha, M. D. Anto
Praveena, Mercy Paul
Selvan, Nancy Noella, A. C.
Santha Sheela

ISBN: 9789355382542

Pages: 140

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction to Machine Learning

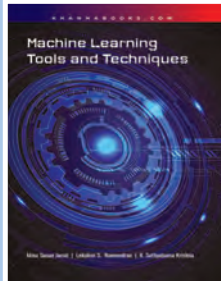
Unit-2: Decision Theory

Unit-3: Clustering and Regression

Unit-4: Multiplayer Perception

Unit-5: Local Models

COMPUTER SCIENCE ENGINEERING



MACHINE LEARNING TOOLS AND TECHNIQUES

Minu Susan Jacob,
Lekshmi S. Raveendran,
R. Sathyabama Krishna

ISBN: 9789355388179

Pages: 68

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction to Data Mining and Machine Learning

Unit-2: Knowledge Representation in Machine Learning

Unit-3: Credibility and Evaluation

Unit-4: Trees and Rules

Unit-5: Machine Learning Tools



MALWARE ANALYSIS

V. Subapriya,
N. Senthamilarasi,
Nikitha

ISBN: 9789355389848

Pages: 132

Year: 2026

Edition: First

Language: English

CONTENTS:

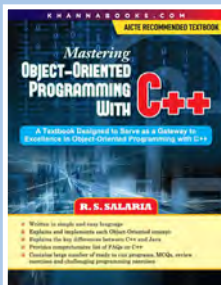
Unit-1: Introduction to Malware

Unit-2: Malware Analysis Fundamentals

Unit-3: Static Malware Analysis

Unit-4: Dynamic Malware Analysis

Unit-5: Malware Functionality and Detection Techniques



MASTERING OBJECT-ORIENTED PROGRAMMING WITH C++

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789382609391

Pages: 480

Year: 2024

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)

COMPUTER SCIENCE ENGINEERING



MOBILE AND WIRELESS SECURITY

Shiela David, G. Rajeshwari

ISBN: 9789355389039

Pages: 64

Year: 2026

Edition: First

Language: English

CONTENTS:

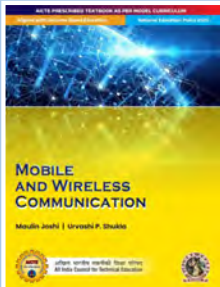
Unit-1: Wireless Technologies and Wireless Security History

Unit-2: Introduction to Wireless Security Protocols and Cryptography

Unit-3: Security Considerations for Wireless Devices

Unit-4: Wireless Technologies and Applications

Unit-5: Implementing Wireless LANs: Security Considerations



MOBILE AND WIRELESS COMMUNICATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Maulin Joshi,
Dr. Urvashi P. Shukla

ISBN: 9789355388100

Pages: 192

Year: 2026

Edition: First

Language: English

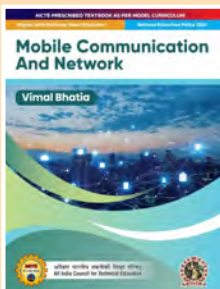
CONTENTS:

Unit 1: Cellular Systems: Overview and Fundamentals of Design Concepts

Unit 2: Mobile Wireless Propagation

Unit 3: Diversity, Capacity and MIMO Systems

Unit 4: Overview of CDMA, OFDM and LTE



MOBILE COMMUNICATION AND NETWORK

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Vimal Bhatia

ISBN: 9789355389169

Pages: 216

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Cellular Concepts

Unit 2: Signal Propagation

Unit 3: Capacity of Flat and Frequency Selective Channels

Unit 4: Multiple Access Techniques

Unit 5: Receiver Structure

Unit 6: Multiple-Input Multiple-Output

COMPUTER SCIENCE ENGINEERING



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



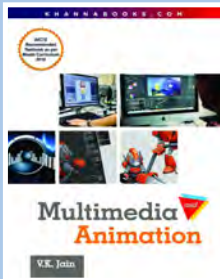
MOBILE COMPUTING

AICTE RECOMMENDED

Dr. Brijesh Gupta
ISBN: 9789386173218
Pages: 512
Year: 2025
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: 2025
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;

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MULTIMEDIA AND WEB TECHNOLOGY

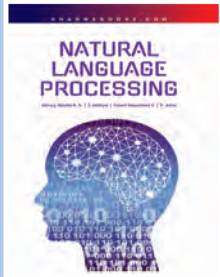
Ramesh Bangia
ISBN: 9789381068304
Pages: 520
Year: 2025
Edition: Third
Language: English

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;

...

COMPUTER SCIENCE ENGINEERING



NATURAL LANGUAGE PROCESSING

Nancy Noella R. S., S.
Nithiya, Gowri Manohari V,
P. Asha

ISBN: 9789355384522

Pages: 76

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction

Unit-2: Syntactic Processing

Unit-3: Semantic Interpretation

Unit-4: Context and World Knowledge

Unit-5: Natural Language Discourse Structure



NETWORK DESIGN AND PERFORMANCE ANALYSIS

Rajwinderpal Sharm,
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;

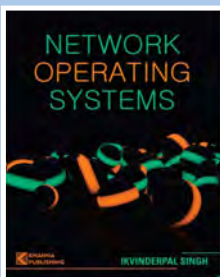
Chapter 6: Access Network Design;

Chapter 7: Backbone Network Design;

Chapter 8: Network Security;

Chapter 9: Documentation and Network Management;

Chapter 10: Network optimization



NETWORK OPERATING SYSTEMS

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

COMPUTER SCIENCE ENGINEERING



OBJECT ORIENTED ANALYSIS AND SYSTEM ENGINEERING

**K. Punitha,
R. Ramyabharathi**

ISBN: 9789355389336

Pages: 176

Year: 2026

Edition: First

Language: English

CONTENTS:

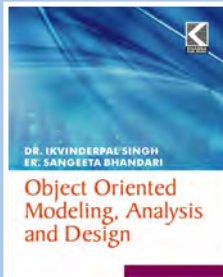
Unit-1: An Overview of Object Oriented System Development

Unit-2: Object Oriented Methodologies

Unit-3: Object Oriented Analysis

Unit-4: Object Oriented Design

Unit-5: Software Quality



OBJECT ORIENTED MODELING, ANALYSIS AND DESIGN

**Dr. Ikvinderpal Singh,
ER. Sangeeta Bhadari**

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;

...

COMPUTER SCIENCE ENGINEERING



OPEN SOURCE SOFTWARE

Kamatchi K.S.,
Sundaravelrani

ISBN: 9789355386335

Pages: 216

Year: 2025

Edition: First

Language: English

CONTENTS:

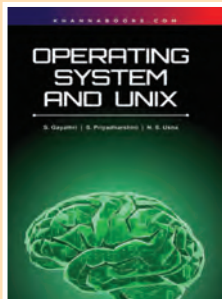
Unit-1: Overview of Free/Open Source Software

Unit-2: Linux

Unit-3: Open Source Tools and Technologies for Hardware and E-Mail Server

Unit-4: Understanding GNU LIBC Libraries, Compilers and Linker

Unit-5: Open-Source Programming Techniques



OPERATING SYSTEM AND UNIX

S. Gayathiri,
S. Priyadarshini,
N.S. Usha

ISBN: 9789355388902

Pages: 136

Year: 2025

Edition: First

Language: English

CONTENTS:

Unit-1: Operating Systems

Unit-2: Introduction to Processes

Unit-3: Synchronization and Deadlocks

Unit-4: Memory Management and I/O Management

Unit-5: Unix



OPERATING SYSTEM CONCEPTS

AICTE RECOMMENDED

Ekta Walia

ISBN: 9789380016658

Pages: 360

Year: 2025

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;

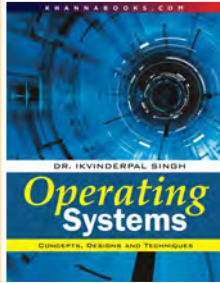
Chapter 11: Device Management and Storage Structures;

Chapter 12: Protection Security;

Chapter 13: Operating System for Distributed Systems;

Chapter 14: Case Studies-UNIX & Windows NT

COMPUTER SCIENCE ENGINEERING



OPERATING SYSTEMS

Ikvinderpal Singh

ISBN: 9789381068724

Pages: 672

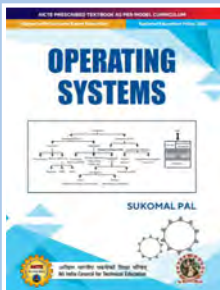
Year: 2025

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;

...



OPERATING SYSTEMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Sukomal Pal

ISBN: 9789355385475

Pages: 248

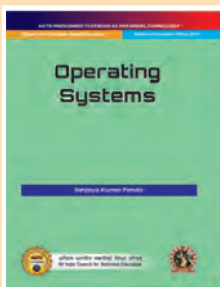
Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction
Unit 2: Processes, Threads and Their Scheduling
Unit 3: Interprocess Communication and Process Synchronization
Unit 4: Deadlocks
Unit 5: Memory Management
Unit 6: I/O Management



OPERATING SYSTEMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Sanjaya Kumar Panda

ISBN: 9789355385604

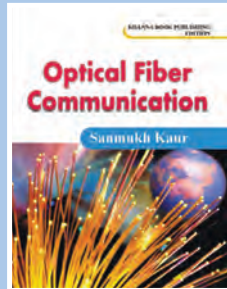
Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.

COMPUTER SCIENCE ENGINEERING



OPTICAL FIBER COMMUNICATION

Sanmukh Kaur

ISBN: 9789380016887

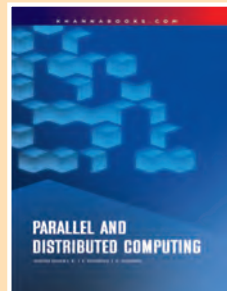
Pages: 272

Year: 2018

Language: English

CONTENTS:

- Chapter 1:** Overview of Optical Fiber Communications
- Chapter 2:** Optical Fiber Waveguides
- Chapter 3:** Transmission Characteristics of Optical Fiber
- Chapter 4:** Optical Sources
- Chapter 5:** Optical Detectors
- Chapter 6:** Direct Detection Receiver Performance Considerations
- Chapter 7:** Optical Fiber Communication System
- Chapter 8:** Applications
- Chapter 9:** Optical Fiber Measurements
- Chapter 10:** Optical Networks



PARALLEL AND DISTRIBUTED COMPUTING

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

ISBN: 9789355383099

Pages: 136

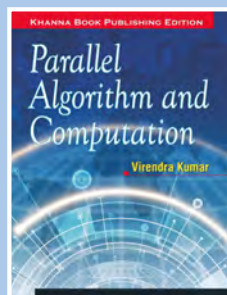
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit-1:** Introduction to Parallel Computing
- Unit-2:** Architectures and Programming
- Unit-3:** Communication in Distributed Computing
- Unit-4:** Synchronization and Process in Distributed Systems
- Unit-5:** Distributed File Systems and Shared Memory



PARALLEL ALGORITHM AND COMPUTATION

AICTE RECOMMENDED

Virendra Kumar

ISBN: 9789381068861

Pages: 348

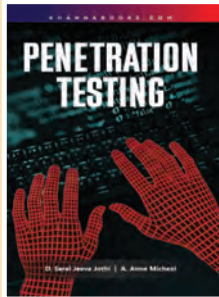
Year: 2013

Language: English

CONTENTS:

- Chapter 1:** Introduction Of Parallel Computation;
- Chapter 2:** Parallel Computation Models & Interconnection Network;
- Chapter 3:** Performance Measures Of Parallel Algorithms;
- Chapter 4:** Parallel Sorting Networks;
- Chapter 5:** Parallel Algorithm Designing;
- Chapter 6:** Parallel Matrix Algorithm;
- Chapter 7:** Linear Equation;
- Chapter 8:** Graph Algorithm;
- Chapter 9:** Combinatorial Search;
- Chapter 10:** Parallel Programming Languages;
- Chapter 11:** Programming Standards;
- Appendix (a):** Polynomial;
- Appendix (b):** Open MP;
- Appendix (c):** Message Passing Interface

COMPUTER SCIENCE ENGINEERING



PENETRATION TESTING

**D. Saral Jeeva Jothi,
Dr. A. Annie Micheal**

ISBN: 9789355387363

Pages: 104

Year: 2025

Edition: First

Language: English

CONTENTS:

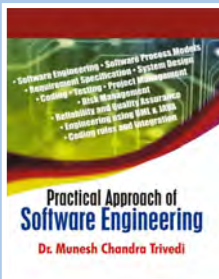
Unit-1: Introduction to Penetration Testing

Unit-2: Penetration Testing Methodologies

Unit-3: Phases of Penetration

Unit-4: Penetration Testing with Internetworks

Unit-5: Penetration Test in Linux, Windows



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;

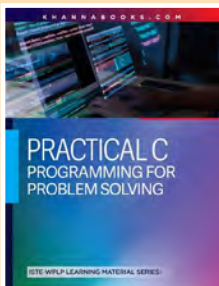
Chapter 7: Software Project Management;

Chapter 8: Software Risk Management;

Chapter 9: Software Reliability and Quality Assurance;

Chapter 10: Software Engineering using UML & JAVA;

Chapter 11: Programming Standards



PRACTICAL C: PROGRAMMING FOR PROBLEM SOLVING

Venkatesh, Nagaraju Y

ISBN: 9789355386748

Pages: 400

Year: 2026

Year: First

Language: English

CONTENTS:

Chapter 1: Introduction to C Programming Fundamentals;

Chapter 2: Basic Level C Programs;

Chapter 3: Intermediate Level C Programs;

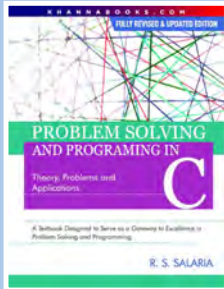
Chapter 4: Concept Oriented C Programs;

Chapter 5: Sorting and Searching Algorithms;

Chapter 6: Advanced C Programs;

Chapter 7: Project Implementation using C

COMPUTER SCIENCE ENGINEERING



PROBLEM SOLVING AND PROGRAMMING IN C

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789382609490

Pages: 522

Year: 2023

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;

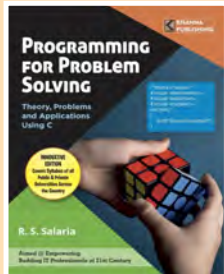
Chapter 11: Structures and Unions;

Chapter 12: Pointers;

Chapter 13: File Handling;

Chapter 14: Library Functions and Header Files;

Chapter 15: Preprocessor Directives



PROGRAMMING FOR PROBLEM SOLVING

AICTE RECOMMENDED

R.S. Salaria

ISBN: 9789389139112

Pages: 500

Year: 2021

Language: English

CONTENTS:

Coding/Programming Problems for Campus Placements;

Chapter 1: Introduction to Computers;

Chapter 2: Program Solving and Program Planning;

Chapter 3: Overview of C Language;

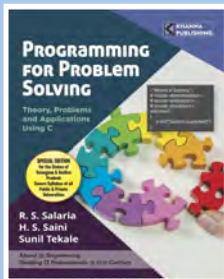
Chapter 4: Data Types, Variables and Constants;

Chapter 5: Operators and Expressions;

Chapter 6: Console Input/Output;

Chapter 7: Decision Making and Branching;

...



PROGRAMMING FOR PROBLEM SOLVING

**R.S. Salaria,
H. S. Saini,
Sunil Tekale**

ISBN: 9789389139129

Pages: 500

Year: 2023

Language: English

CONTENTS:

Coding/Programming Problems for Campus Placements;

Chapter 1: Introduction to Computers;

Chapter 2: Program Solving and Program Planning;

Chapter 3: Overview of C Language;

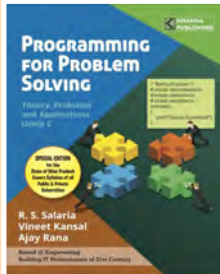
Chapter 4: Data Types, Variables and Constants;

Chapter 5: Operators and Expressions;

Chapter 6: Console Input/Output;

...

COMPUTER SCIENCE ENGINEERING



PROGRAMMING FOR PROBLEM SOLVING

R.S. Salaria

ISBN: 9789389139136

Pages: 500

Year: 2021

Language: English

CONTENTS:

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;

...



PROGRAMMING IN C

S. Jancy, G. Kalaiarasi, R. Yogitha, M. Selvi

ISBN: 9789355384737

Pages: 156

Year: 2016

Edtion: First

Language: English

CONTENTS:

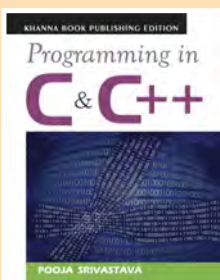
Unit-1: Bits And Bytes In Computing

Unit-2: C: Math Behind Coding

Unit-3: C: Magic Behind Instant Outputs

Unit-4: Storing Group Of Homogeneous Elements: Arrays

Unit-5: Storing Group Of Heterogeneous Elements: Structure



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: Ploymorphism;

Chapter 10: Inheritance;

Chapter 11: Pointers;

Chapter 12: File Handling

COMPUTER SCIENCE ENGINEERING



PROGRAMMING IN JAVA

D. Sheema, S. Aishwarya,
A. Lakshna

ISBN: 9789355389121

Pages: 148

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Java Basics

Unit-2: Object Oriented Programming

Unit-3: Packages, Interfaces and Threads

Unit-4: File Streams and Collections
Framework

Unit-5: GUI Programming, Database
Connectivity, Server-Side Programming



PROGRAMMING IN PYTHON

K. Abinaya, Saraswathi

ISBN: 9789355389640

Pages: 124

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Introduction to Python

Unit-2: Operations on File

Unit-3: GUI Programming

Unit-4: Database and Networks



PYTHON ESSENTIALS THE COMPLETE BEGINNERS GUIDE

D. Deepa, Keerthana P.,
S. Praveen

ISBN: 9789355386199

Pages: 96

Year: 2025

Edition: First

Language: English

CONTENTS:

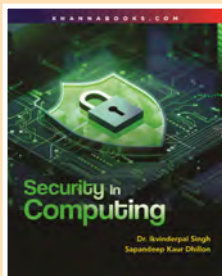
Unit-1: Introduction to Python and Basic
Constructs

Unit-2: Object-Oriented Programming Concepts

Unit-3: Functions, File Handling, and Error
Handling

Unit-4: GUI Programming and Database
Handling

Unit-5: Networking and Hands-on Project



SECURITY IN COMPUTING

Dr. Ikvinderpal Singh,
Sapandeep Kaur Dhillon

ISBN: 9789374541548

Pages: 280

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Digital Systems and Privacy

Chapter 2: Risks in Security and Privacy

Chapter 3: Operating System Security

Chapter 4: Verifiable Security Goals

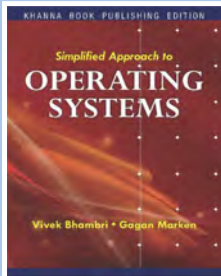
Chapter 5: Network Security

Chapter 6: Need for Physical Security

Chapter 7: Database Security

Chapter 8: Security Features in Databases

COMPUTER SCIENCE ENGINEERING



SIMPLIFIED APPROACH TO OPERATING SYSTEMS

**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



SMART PRODUCT DEVELOPMENT

**N. Jeenath Shafana,
Saral Jeeva Jothi**

ISBN: 9789355384348

Pages: 132

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Introduction to Sensor Devices
Chapter 2: Interfacing Sensor Information and MCU
Chapter 3: Control Techniques and Standards
Chapter 4: Communication for Smart Sensors
Chapter 5: Smart Cities Use Case



SMARTER CITY

**B. Bala Sai Gayathri,
G. Anbu Selvi,
R. Nivedha**

ISBN: 9789355385239

Pages: 72

Year: 2025

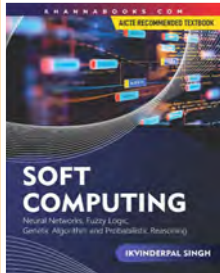
Edition: First

Language: English

CONTENTS:

Unit-1: Introduction to Smart Urban Infrastructures and Smart Cities
Unit-2: Smart Urban Energy Systems
Unit-3: Smart Urban Transportation Systems
Unit-4: Smarter City Management and Smarter Human Services
Unit-5: Smarter City and IoT

COMPUTER SCIENCE ENGINEERING



SOFT COMPUTING

Ikvinderpal Singh

ISBN: 9789380016979

Pages: 696

Year: 2025

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;

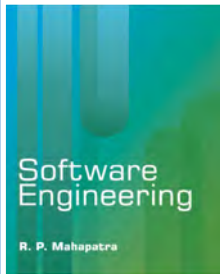
Chapter 7: Adaptive Resonance Theory;

Chapter 8: Neocognitron;

Chapter 9: Bidirectional Associative Memory;

Chapter 10: Case Studies;

...



SOFTWARE ENGINEERING

R. P. Mahapatra

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 PRESCRIBED TEXTBOOK

Also available in Regional Languages

Prof. Salman Abdul Moiz

ISBN: 9789355387479

Pages: 196

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Software Development Life Cycle

Unit 2: Requirements Engineering

Unit 3: Software Design

Unit 4: Software Testing

Unit 5: Project Management

COMPUTER SCIENCE 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;
- ...



SOFTWARE ENGINEERING DESIGN

**D. Rama Lakshmi,
R. Ramya, T.G. Ruby Angel**

ISBN: 9789355384270

Pages: 180

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit-1:** Software Life
- Unit-2:** Requirements Engineering
- Unit-3:** Software Designs
- Unit-4:** Testing
- Unit-5:** Umbrella Activities & Project Management and Estimation



SOFTWARE PROJECT MANAGEMENT

**T. Anitha, Raghi K.R.,
S. Vignesh**

ISBN: 9789355388575

Pages: 124

Year: 2025

Edition: First

Language: English

CONTENTS:

- Unit-1:** Introduction to Software Project Management
- Unit-2:** Selection of Appropriate Project Approach, Effort Estimation
- Unit-3:** Activity Planning and Risk Management
- Unit-4:** Monitoring and Control
- Unit-5:** Software Quality

COMPUTER SCIENCE ENGINEERING



SOFTWARE ROBOT DESIGN

D. Jerusha,
A. Muthulakshmi,
S. Mangairkarasi

ISBN: 9789355385840

Pages: 125

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit-1: Programming the Robots Sensors and Ros

Unit-2: Ros Fundamentals

Unit-3: Ros Programming

Unit-4: Robotic Projects Using Ros

Unit-5: Ros Navigation



SOFTWARE TESTING TOOLS

K. V. K. K. Prasad

ISBN: 9789355382559

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: An Overview;

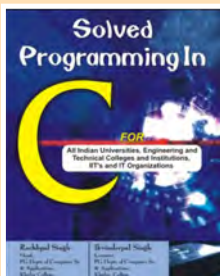
Chapter 6: Functional/Regression Testing Tools;

Chapter 7: Performance/ Load Testing Tools;

Chapter 8: Testing Web Applications;

Chapter 9: Source Code Testing and Configuration management/ Version Control;

Chapter 10: Software Testing Process Management Tools;



SOLVED PROGRAMMING IN C

Rachhpal Singh,
Ikvinderpal Singh

ISBN: 9789380016191

Pages: 520

Year: 2012

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;

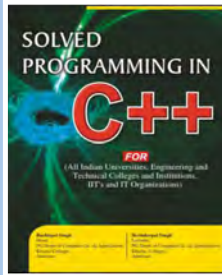
Chapter 9: Pointers;

Chapter 10: Dynamic Memory Allocation;

Chapter 11: Structure and Union;

...

COMPUTER SCIENCE ENGINEERING



SOLVED PROGRAMMING IN C++

**Rachhpal Singh,
Ikvinderpal Singh**

ISBN: 9789380016184

Pages: 880

Year: 2012

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;

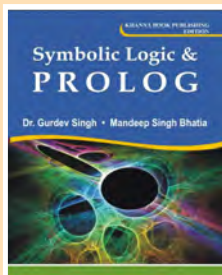
Chapter 16: Exploring Functions (Inline Friend
Static);

Chapter 17: Templates;

Chapter 18: Exception Handling;

Chapter 19: Generic Programming;

Chapter 20: Data Structures Using C++



SYMBOLIC LOGIC & PROLOG

**Dr. Gurdev Singh,
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;

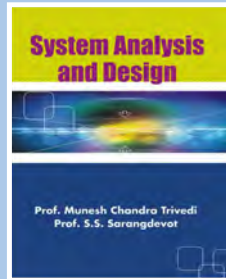
Chapter 10: Built in Predicates;

Chapter 11: Non-Declarative Features of Prolog;

Chapter 12: Resolution;

Chapter 13: Fuzzy Logic and Neural Networks

COMPUTER SCIENCE ENGINEERING



SYSTEM ANALYSIS AND DESIGN

Prof. Munesh Chandra Trivedi, Prof. S.S. Sarangdevot

ISBN: 9789380016405

Pages: 250

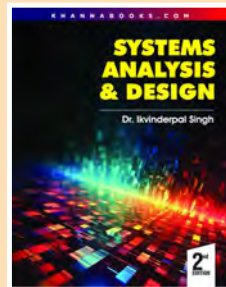
Year: 2014

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;

...



SYSTEM ANALYSIS AND DESIGN

Ikvinderpal Singh

ISBN: 9789355389787

Pages: 632

Year: 2024

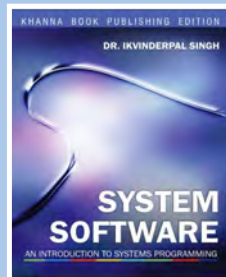
Edition: Second

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;

...



SYSTEM SOFTWARE

Ikvinderpal Singh

ISBN: 9789381068717

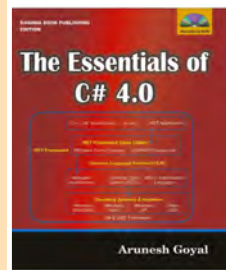
Pages: 408

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 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

COMPUTER SCIENCE ENGINEERING



THE ESSENTIALS OF JAVA

Arunesh Goyal

ISBN: 9789381068632

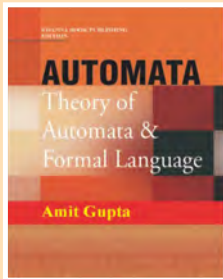
Pages: 304

Year: 2026

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)



THEORY OF AUTOMATA AND FORMAL LANGUAGE

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: 2025

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



THEORY OF COMPUTATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Debi Prasanhyhna Acharjya

ISBN: 9789355382306

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



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;

...



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



WEB PROGRAMMING USING ASP.NET

Balram Krishan

ISBN: 9789381068953

Pages: 492

Year: 2026

Language: English

CONTENTS:

Chapter 1: .NET Framework;

Chapter 2: Microsoft ASP.NET;

Chapter 3: ASP.NET Application User Interface;

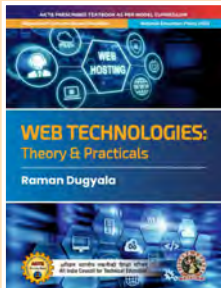
Chapter 4: State Management;

Chapter 5: XML Web Services;

Chapter 6: Creating User Interface;

Chapter 7: Implementing Navigation For User Interface;

...



WEB TECHNOLOGIES: THEORY & PRACTICAL

ICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Raman Dugyala

ISBN: 9789355383051

Pages: 212

Year: 2026

Edition: First

Language: English

CONTENTS:

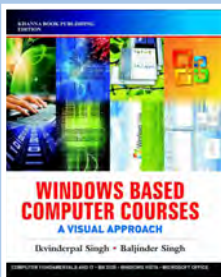
Unit 1: Introduction to WWW

Unit 2: Web Systems Architecture

Unit 3: Java Script Introduction

Unit 4: Advance scripting

Unit 5: PHP



WINDOWS BASED COMPUTER COURSES

Ikvinderpal Singh,
Baljinder 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;

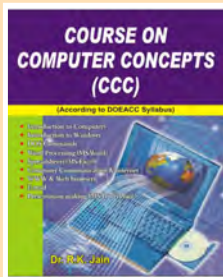
Unit 5: Microsoft Word 2003;

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: 2015

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

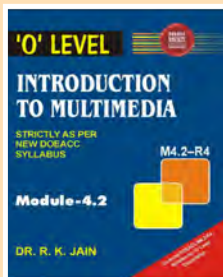
Pages: 370

Year: 2025

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

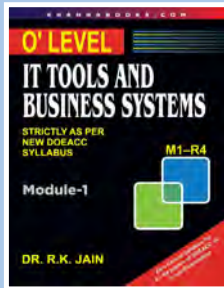
Year: 2015

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

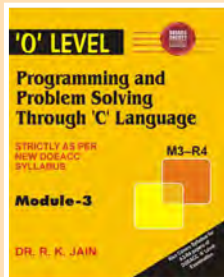
Pages: 352

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 SYSTEM



AANANDAM AN ACT OF COMMUNITY SERVICE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Shuchi Sharma

ISBN: 9789355382481

Pages: 100

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Why Aanandam?

Unit 2: Ancient Indian Education System and Aanandam

Unit 3: Volunteering and Benevolence

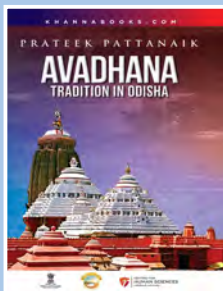
Unit 4: Volunteering Immersions for Students at MAHE Manipal

Unit 5: Aanandam and Environmental Sustainability

Unit 6: Aanandam Diary

Unit 7: Aanandam and Community Service

...



AVADHANA TRADITION IN ODISHA

Prateek Pattanaik

ISBN: 9789355384416

Pages: 36

Year: 2025

Language: English

CONTENTS:

Chapter 1: Historical Context of Avadhana in Odisha;

Chapter 2: Varied Avadhana Categories in Odisha;

Chapter 3: Notable Avadhanis of Odisha;

Chapter 4: Fine Classification in Sangitavadhana;

Chapter 5: Tests and practices in avadhana Subjects;

Chapter 6: Shastra and Prayoga in Odisha's Avadhana Tradition;

Chapter 7: Multilingual Avadhana and Liberty of Subject Choice;

Chapter 8: The Rigorous Examination Process;

Chapter 9: The Role of Mukti Mandapa Pandits;

Chapter 10: Acharya Tarini Patra's Extraordinary Avadhana;

EDUCATION AND KNOWLEDGE SYSTEMS



BUILDING A FUTURE READY INDIA

T.G. Sitharam

ISBN: 9789355387516 (HB)

ISBN: 9789355386113 (PB)

Pages: 88

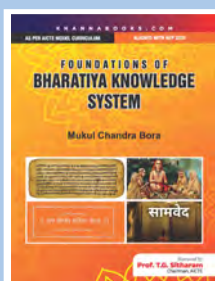
Year: 2025

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;

...



FOUNDATIONS OF BHARATIYA KNOWLEDGE SYSTEM

Mukul Chandra Bora

ISBN: 9789355381972

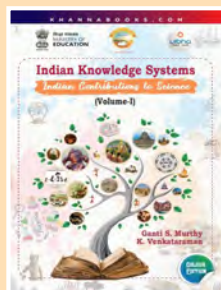
Pages: 300

Year: 2023

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.



INDIAN KNOWLEDGE SYSTEMS (INDIAN CONTRIBUTIONS TO SCIENCE), VOLUME-I, (COLOUR EDITION)

**Ganti S. Murthy,
K. Venkataraman**

ISBN: 9789374545737

Pages: 474

Year: 2026

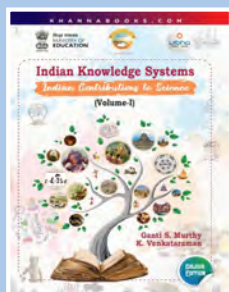
Edition: First

Language: English

CONTENTS:

- Chapter 1:** Introduction To IKS: Origins and Evolution
- Chapter 2:** Indian Astronomy: Calendrical Systems
- Chapter 3:** Indian Astronomical Instruments (Yantras)
- Chapter 4:** A Glimpse of Indian Mathematics
- Chapter 5:** A Glimpse of Indian Chemistry (Rasayanasastra)
- Chapter 6:** Ayurveda: The Holistic Science of Well-Being
- Chapter 7:** Traditional Medicinal Plants
- Chapter 8:** Indian Traditional Agriculture

EDUCATION AND KNOWLEDGE SYSTEMS



INDIAN KNOWLEDGE SYSTEMS

(INDIAN CONTRIBUTIONS TO SCIENCE), VOLUME-I (BLACK & WHITE)

Ganti S. Murthy,
K. Venkataraman

ISBN: 9789374540534

Pages: 474

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Introduction To IKS: Origins and Evolution

Chapter 2: Indian Astronomy: Calendrical Systems

Chapter 3: Indian Astronomical Instruments (Yantras)

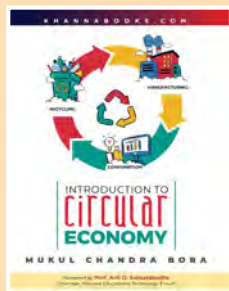
Chapter 4: A Glimpse of Indian Mathematics

Chapter 5: A Glimpse of Indian Chemistry (Rasayanasastra)

Chapter 6: Ayurveda: The Holistic Science of Well-Being

Chapter 7: Traditional Medicinal Plants

Chapter 8: Indian Traditional Agriculture



INTRODUCTION TO CIRCULAR ECONOMY

M. C. Bora

ISBN: 9789355387523

Pages: 268

Year: 2025

Language: English

CONTENTS:

Chapter 1: Theory of Economic Development;

Chapter 2: Circular Economy and Environmental;

Chapter 3: Global Initiatives Towards Circular Economy;

Chapter 4: Circular Economy: Indian Scenario;

Chapter 5: Role of life Cycle Analysis in Circular Economy;

Chapter 6: Design and Circular Economy;

Chapter 7: Business Model and Circular Economy;

Chapter 8: Business Model and Case Studies in Circular Economy;

Chapter 9: Reference (Suggested Reading)



RELIGION AND DHARMA

Subhash Vats

ISBN: 9789355386854

Pages: 272

Year: 2025

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 Sanatan Philosophy with other Religions Including the Abrahamic Religions;

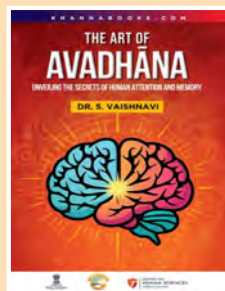
Chapter 7: Philosophy of Abrahamic Religions Including Christianity, Islam and Judaism;

Chapter 8: Metaphysical Issues in the Philosophy of Religion;

Chapter 9: Buddhism;

...

EDUCATION AND KNOWLEDGE SYSTEMS



THE ART OF AVADHANA UNVEILING THE SECRETS OF HUMAN ATTENTION AND MEMORY

S. Vaishnavi

ISBN: 9789355382269

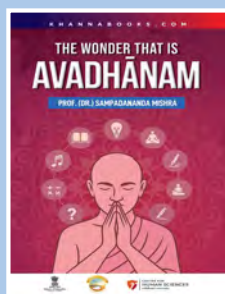
Pages: 108

Year: 2025

Language: English

CONTENTS:

- Chapter 1: Introduction;
- Chapter 2: Cognitive Abilities in Avadhana;
- Chapter 3: Psychological Elements in Avadhana;
- Chapter 4: Neuroscientific Perspectives;
- Chapter 5: Other Skills;
- Chapter 6: Applications of Avadhana in Modern Context;
- Chapter 7: Challenges and Future Directions



THE WONDER THAT IS AVADHANAM

Sampadananda Mishra

ISBN: 9789355385154

Pages: 82

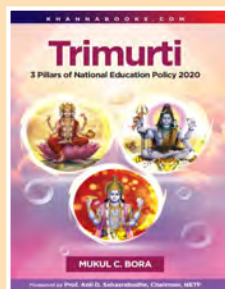
Year: 2025

Language: English

CONTENTS:

- Chapter 1: A Glimpse into the Age –Old Art of Avadhanakala;
- Chapter 2: Shedding Light on the Journey to mastering the mind;
- Chapter 3: The Origin and Evolution of the Art of Avadhana;
- Chapter 4: Types of Avadhana;
- Chapter 5: Ashtavadhanam;
- Chapter 6: Exploring Various Unique Avadhana Feats;
- Chapter 7: Ghantavadhanam A Symphony of mind and sound;
- Chapter 8: Netravadhanam Unveiling the Marvels of Human Communication;
- Chapter 9: Gitavadhanam the Spectacle of intellectual Brilliance;
- Chapter 10: Yogasutravadhanam;
- Chapter 11: Amarakosavadhanam A Fascinating Display of mental Acuity;

...



TRIMURTI 3 PILLARS OF NATIONAL EDUCATION POLICY 2020

Mukul Chandra Bora

ISBN: 9789355385215

Pages: 144

Year: 2026

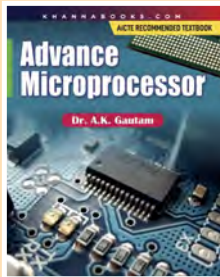
Edition: First

Language: English

CONTENTS:

- Chapter 1: The Brahma as Bharatiya Gyana Parampara
- Chapter 2: Lord Vishnu and multidisciplinary Education and Research
- Chapter 3: Rudra as the third pillars of National Education policy 2020
- Chapter 4: The Role of IKS, Multidisciplinary Research, and 21st Century Skills as per National Education Policy 2020

ELECTRICAL, ELECTRONICS & COMMUNICATION



ADVANCE MICROPROCESSOR

AICTE RECOMMENDED

A.K. Gautam

ISBN: 9789381068922

Pages: 424

Year: 2026

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;

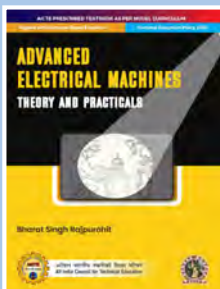
Chapter 9: The 8087 Arithmetic Coprocessor;

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



ADVANCED ELECTRICAL MACHINES: THEORY AND PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

Dr. Bharat Singh Rajpurohit

ISBN: 9789355382160

Pages: 456

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Fundamentals of AC Machine Windings

Unit 2: Pulsating and Revolving Magnetic Fields

Unit 3: Induction Machines

Unit 4: Single-Phase Induction Motors

Unit 5: Synchronous Machines

Unit 6: Advanced Electrical Machines: Curriculum Experiments

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



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

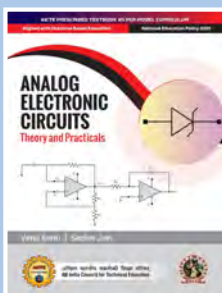
Chapter 3: Analysis of Power System Stability

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



ANALOG ELECTRONIC CIRCUITS: THEORY AND PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Venu Sonti, Sachin Jain

ISBN: 9789355382139

Pages: 286

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: PN Junction diode

Chapter 2: Bipolar junction transistor

Chapter 3: MOSFET

Chapter 4: Power amplifier and different amplifier

Chapter 5: Operational amplifier

Chapter 6: Linear applications of operational amplifiers

Chapter 7: Nonlinear applications of operational amplifiers



ANALOG ELECTRONIC DEVICES: THEORY AND PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

N. B Balamurugan

ISBN: 9789355383808

Pages: 272

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Semiconductor Physics

Chapter 2: Semiconductor Diodes

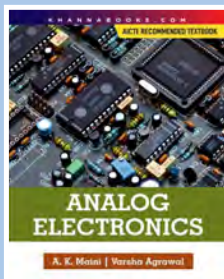
Chapter 3: Application of Diode

Chapter 4: Bipolar Junction Transistor

Chapter 5: Field Effect Transistor

Chapter 6: Integrated Circuit Fabrication Process

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ANALOG ELECTRONICS

AICTE RECOMMENDED

A.K. Maini, Varsha Agrawal

ISBN: 9789386173584

Pages: 664

Year: 2026

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



AUDIO VIDEO SYSTEMS

AICTE RECOMMENDED

S.P. Bali, Rajeev Bali

ISBN: 9788187522058

Pages: 600

Year: 2025

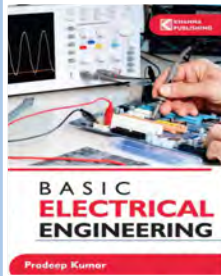
Language: English

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;

...

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



BASIC ELECTRICAL ENGINEERING

Pradeep Kumar

ISBN: 9789380016320

Pages: 356

Year: 2023

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;

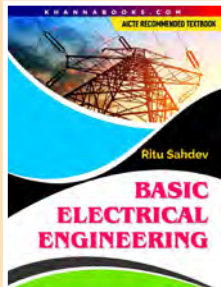
Chapter 6: Magnetic Circuits;

Chapter 7: Transformers;

Chapter 8: Electric Machines;

Chapter 9: Measuring Instruments;

Chapter 10: Introduction to Power System



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: 2025

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;

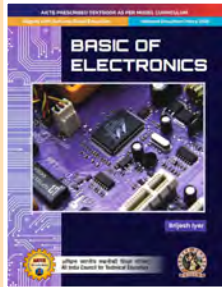
Chapter 12: Modulation and Demodulation;

Chapter 13: Integrated Circuits;

Chapter 14: Operational Amplifiers;

Chapter 15: Television

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



BASIC OF ELECTRONICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Brijesh Iyer

ISBN: 9789355388087

Pages: 288

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Diode and Its Applications

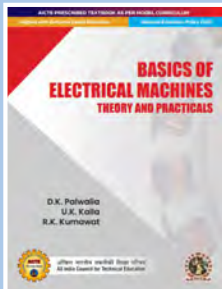
Chapter 2: Transistor Characteristics

Chapter 3: Feedback Amplifier and Oscillators

Chapter 4: Operational Amplifier and Applications

Chapter 5: Measuring Instruments & Transducers

Chapter 6: Introduction to Digital Electronics



BASICS OF ELECTRICAL MACHINES: THEORY AND PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. D. K. Palwalia,
Dr. U. K. Kalla,
Dr. R. K. Kumawat**

ISBN: 9789355387127

Pages: 540

Year: 2026

Edition: First

Language: English

CONTENTS:

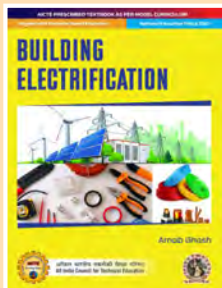
Unit 1: Magnetic Fields and Magnetic Circuits

Unit 2: Electromagnetic Force and Torque

Unit 3: DC Machines

Unit 4: DC Machine-Motoring and Generation

Unit 5: Transformers



BUILDING ELECTRIFICATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Arnab Ghosh

ISBN: 9789355383280

Pages: 404

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Wiring Tools & Accessories

Unit 2: Electrical Wires and Underground Cables

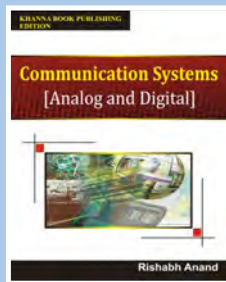
Unit 3: Wiring Methods and Wiring Layout

Unit 4: Residential Building Electrification

Unit 5: Protection of Electrical Installation

Unit 6: Illumination In Residential Installation

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



COMMUNICATION SYSTEMS

[ANALOG AND DIGITAL]

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



CONSUMER ELECTRONICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Amit M. Joshi,
Maulin M. Joshi,
Urvashi Prakash Shukla

ISBN: 9789355383501

Pages: 132

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Audio Fundamentals and Devices

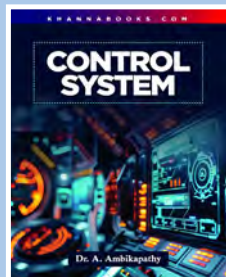
Chapter 2: Audio Systems

Chapter 3: Television Systems

Chapter 4: Television Receivers and Video Systems

Chapter 5: Home/Office Appliances

Chapter 6: Digital Electronic Systems



CONTROL SYSTEM

AICTE RECOMMENDED

A. Ambikapathy

ISBN: 9789380016948

Pages: 788

Year: 2025

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

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



CONTROL SYSTEMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. S. N. Deepa

ISBN: 9789355388728

Pages: 652

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction to Control Problem

Unit 2: Basic Characteristics of Feedback Control Systems

Unit 3: Frequency Response Analysis

Unit 4: State Variable Analysis

Unit 5: Introduction to Optimal Control and Nonlinear Control



CURRENT ELECTRICITY

SK Sahdev

ISBN: 9789390779093

Pages: 180

Year: 2025

Language: English

CONTENTS:

Chapter 1: Current Electricity;

Chapter 2: DC Circuits;

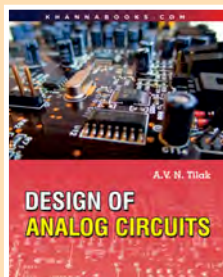
Chapter 3: Electric Cells;

Chapter 4: Lighting Effect of Electric Current;

Chapter 5: Capacitors;

Chapter 6: Electromagnetic Effects;

Chapter 7: A. C. Circuits



DESIGN OF ANALOG CIRCUITS

A. V. N. Tilak

ISBN: 9789391505004

Pages: 224

Year: 2026

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



DIGITAL COMMUNICATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Muralidhar Kulkarni,
K. S. Shivaprakasha**

ISBN: 9789355383303

Pages: 340

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Pulse Modulation and Transmission

Chapter 2: Baseband Transmission

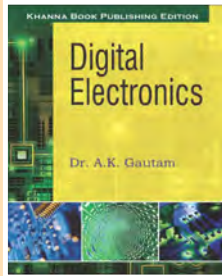
Chapter 3: Analysis of Signal Space

Chapter 4: Passband Digital Transmission

Chapter 5: Information Theory

Chapter 6: Coding Techniques

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



DIGITAL ELECTRONICS

A.K. Gautam

ISBN: 9789381068915

Pages: 608

Year: 2019

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



DIGITAL ELECTRONICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Menka Yadav

ISBN: 9789355387295

Pages: 212

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Number Systems & Boolean Algebra

Chapter 2: Logic Gates

Chapter 3: Combinational Logic Circuits

Chapter 4: Sequential Logic Circuits

Chapter 5: Memory Devices

Chapter 6: Data Converters



DIGITAL ELECTRONICS AND SYSTEMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Abhishek Bhatt

ISBN: 9789355388872

Pages: 536

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Fundamentals: Digital Systems

Unit 2: Logic Gates and Boolean Algebra

Unit 3: Digital Logic Families

Unit 4: Combinational Logic Circuits

Unit 5: Sequential Circuit and System

Unit 6: A/D And D/A Convertors

Unit 7: Semiconductor Memories

Unit 8: Programmable Logic Device

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



DIGITAL ELECTRONICS

AICTE RECOMMENDED

Rishabh Anand

ISBN: 9789382609445

Pages: 736

Year: 2024

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



DIGITAL PROTECTION OF POWER SYSTEMS

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

ISBN: 9789355385932

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

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Sanjeev Sharma

ISBN: 9789355386571

Pages: 252

Year: 2026

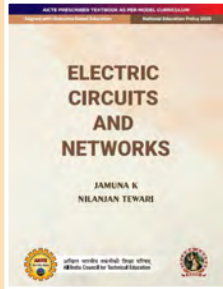
Edition: First

Language: English

CONTENTS:

Unit 1: Introduction
Unit 2: Classification of Signals and Systems
Unit 3: Discrete-Time Signals and Systems
Unit 4: Transform
Unit 5: DTFT: Discrete Time Fourier Transform
Unit 6: DFT: Discrete Fourier Transform
Unit 7: FFT: Fast Fourier Transform
Unit 8: Design of Digital Filters
Unit 9: Multirate Digital Signal Processing
Unit 10: Application of Digital Signal Processing

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRIC CIRCUITS AND NETWORKS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Jamuna K.,
Nilanjan Tewari**

ISBN: 9789355389435

Pages: 336

Year: 2026

Edition: First

Language: English

CONTENTS:

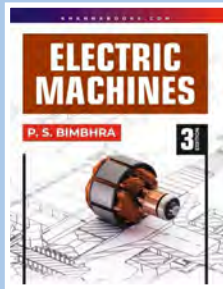
Chapter 1: Semiconductor Diodes

Chapter 2: Network Reduction and Theorems

Chapter 3: Three Phase Circuits

Chapter 4: Transient Response of First and
Second Order Electric Circuits

Chapter 5: Graph Theory



ELECTRIC MACHINES

P.S. Bimbhra

ISBN: 9789355386090

Pages: 488

Year: 2026

Edition: Third

Language: English

CONTENTS:

Chapter 1: Transformers;

Chapter 2: Electromechanical Energy Conversion
Principles;

Chapter 3: Basic Concepts of Rotating Electrical
Machines;

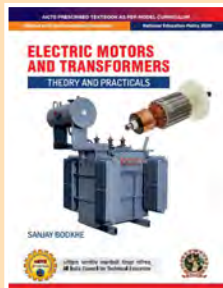
Chapter 4: D.C. Machines;

Chapter 5: Synchronous Machines;

Chapter 6: Three Phase Induction Motors;

Chapter 7: Single Phase Motors;

Chapter 8: Special Machines



ELECTRIC MOTORS AND TRANSFORMERS (THEORY AND PRACTICALS)

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Sanjay Bodkhe

ISBN: 9789355388452

Pages: 332

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: DC Generator

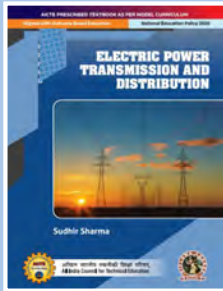
Chapter 2: Direct current motor

Chapter 3: Single Phase transformers

Chapter 4: Three phase transformers

Chapter 5: Special purpose transformers

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRIC POWER TRANSMISSION AND DISTRIBUTION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Sudhir Sharma

ISBN: 9789355385901

Pages: 212

Year: 2026

Edition: First

Language: English

CONTENTS:

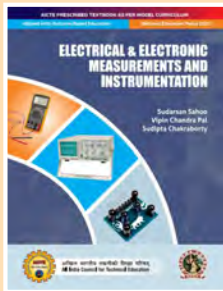
Chapter 1: Basic of transmission and distribution

Chapter 2: Transmission line parameters and performance

Chapter 3: Extra high voltage transmission

Chapter 4: AC distribution system

Chapter 5: Components of transmission and distribution lines



ELECTRICAL & ELECTRONIC MEASUREMENTS AND INSTRUMENTATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Sudarsan Sahoo,
Vipin Chandra Pal,
Sudipta Chakraborty**

ISBN: 9789355389466

Pages: 216

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Fundamentals of Measurements

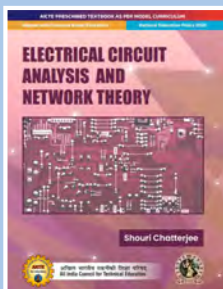
Chapter 2: Measurement of Voltage and Current

Chapter 3: Measurement of Electric Power

Chapter 4: Measurement of Electric Energy

Chapter 5: Circuit Parameter Measurement, CRO and other Meters

Chapter 6: Transducers & Signal Generators



ELECTRICAL CIRCUIT ANALYSIS AND NETWORK THEORY

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Shouri Chatterjee

ISBN: 9789355383389

Pages: 336

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Fundamentals of Circuit Analysis

Unit 2: Network Theorems

Unit 3: First and Second Order Networks

Unit 4: Sinusoidal Steady-State Analysis

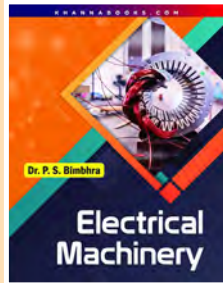
Unit 5: Laplace Transforms

Unit 6: Fourier Series and Transforms

Unit 7: Two-Port Networks

Unit 8: Basic Filters

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRICAL MACHINERY

AICTE RECOMMENDED

Dr. P.S. Bimbhra

ISBN: 9789389139105 (PB)

ISBN: 9789389139150 (HB)

Pages: 1084

Year: 2024

Language: English

CONTENTS:

Basic Principles of Electrical Machines;

Chapter 1: Transformers;

Chapter 2: Electromechanical Energy Conversion Principles;

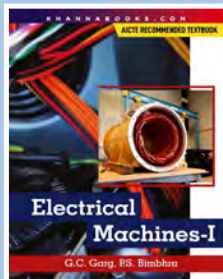
Chapter 3: Basic Concepts of Rotating Electrical Machines;

Chapter 4: D.C. Machines;

Chapter 5: Polyphase Synchronous Machines;

Chapter 6: Polyphase Induction Motors;

Chapter 7: Armature windings



ELECTRICAL MACHINES-I

AICTE RECOMMENDED

G.C. Garg, P.S. Bimbhra

ISBN: 9789386173447

Pages: 480

Year: 2025

Language: English

CONTENTS:

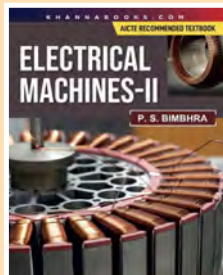
Chapter 1: Magnetic Fields and Magnetic Circuits;

Chapter 2: Electromagnetic Force and Torque;

Chapter 3: The Direct Current Machines;

Chapter 4: DC Machine-Motoring and Generation;

Chapter 5: Transformers



ELECTRICAL MACHINES-II

AICTE RECOMMENDED

P.S. Bimbhra

ISBN: 9789386173607

Pages: 168

Year: 2025

Language: English

CONTENTS:

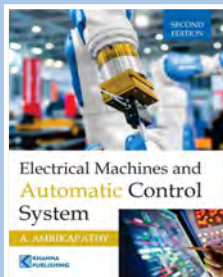
Chapter 1: Fundamentals of AC machine windings;

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;

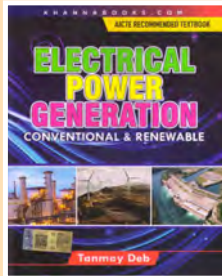
Chapter 2: Three Phase Induction Motor;

Chapter 3: Control System;

Chapter 4: Time Response Analysis;

Chapter 5: Root Locus Technique

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRICAL POWER GENERATION CONVENTIONAL & RENEWABLE

AICTE RECOMMENDED

Tanmoy Deb

ISBN: 9789386173379

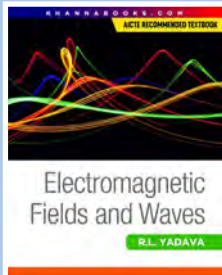
Pages: 584

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;
- ...



ELECTROMAGNETIC FIELDS AND WAVES

AICTE RECOMMENDED

R.L. Yadava

ISBN: 9789386173546

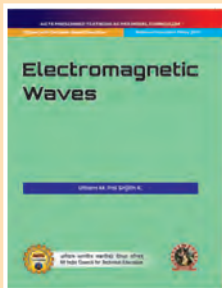
Pages: 416

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 Compatibility;
- Chapter 12:** Solved Examples;
- Chapter 13:** Objective Question Bank;
- Chapter 14:** Objective Questions Test Series;



ELECTROMAGNETIC WAVES

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Uttam M. Pal, Srijith K.

ISBN: 9789355388957

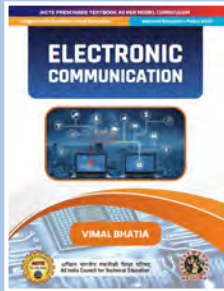
Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRONIC COMMUNICATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Vimal Bhatia

ISBN: 9789355384652

Pages: 196

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Analog Modulation Techniques

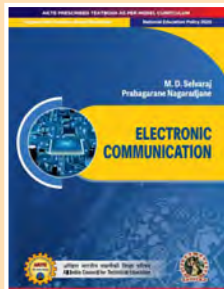
Unit 2: Noise

Unit 3: Pulse Modulation

Unit 4: Baseband Receiver

Unit 5: Passband Digital Transmission

Unit 6: Passband Receiver



ELECTRONIC COMMUNICATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**M. D. Selvaraj,
Prabagarane
Nagaradjane**

ISBN: 9789355382696

Pages: 184

Year: 2026

Edition: First

Language: English

CONTENTS:

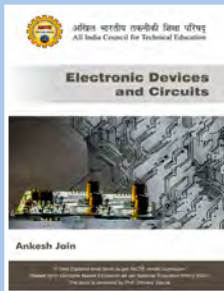
Chapter 1: Amplitude and frequency modulation

Chapter 2: Pulse analog modulation

Chapter 3: PCM and delta modulation systems

Chapter 4: Digital modulation

Chapter 5: Spread-Spectrum modulation



ELECTRONIC DEVICES AND CIRCUITS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Ankesh Jain

ISBN: 9789355387202

Pages: 168

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Semiconductor Diodes

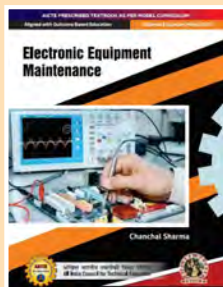
Chapter 2: Bipolar Junction Transistor (BJT)

Chapter 3: Field Effect Transistor (FET)

Chapter 4: Power Devices

Chapter 5: Amplifier and Oscillator

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



ELECTRONIC EQUIPMENT MAINTENANCE

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Chanchal Sharma

ISBN: 9789355386373

Pages: 208

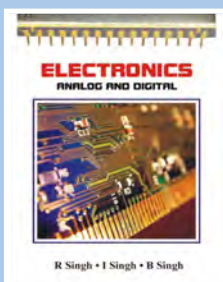
Year: 2026

Edition: First

Language: English

CONTENTS:

- Chapter 1:** Fundamental Troubleshooting Procedures Inside an Electronic Equipment
- Chapter 2:** Passive Component and Their Testing
- Chapter 3:** Testing of Semiconductor
- Chapter 4:** IC Testing
- Chapter 5:** Repairing of Surface Mount Assemblies



ELECTRONICS ANALOG AND DIGITAL

R. Singh, I. Singh, B. Singh

ISBN: 9789380016955

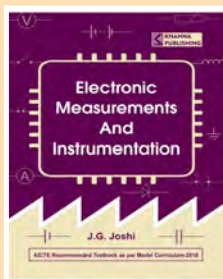
Pages: 676

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



ELECTRONICS MEASUREMENTS & INSTRUMENTATION

AICTE RECOMMENDED

J.G. Joshi

ISBN: 9789386173621

Pages: 354

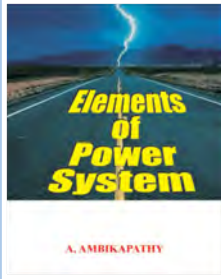
Year: 2025

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

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



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;

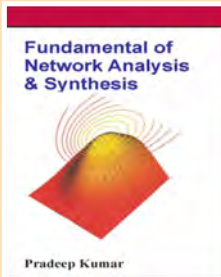
Chapter 3: Corona Interference;

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: 2018

Language: English

CONTENTS:

Chapter 1: Signals and Systems;

Chapter 2: Waveforms and Signals;

Chapter 3: Network Analysis-I;

Chapter 4: Introduction to Laplace Transformation;

Chapter 5: Network Analysis-II;

Chapter 6: Amplitude and Phase Response;

Chapter 7: Two Port Network;

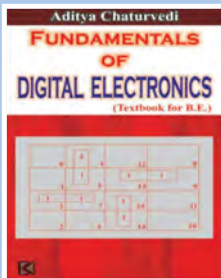
Chapter 8: Network Function;

Chapter 9: Positive Real Function;

Chapter 10: Driving Point Synthesis;

Chapter 11: Elements of Transfer Function Synthesis;

Chapter 12: Active Network Synthesis



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;

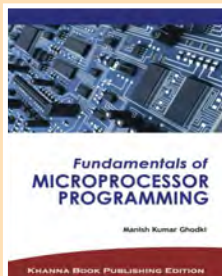
Chapter 13: Analysis of Sequential Circuits;

Chapter 14: Hazards;

Chapter 15: Logic Families;

Chapter 16: ADC/DAC: Solved Questions-Answers

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



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;

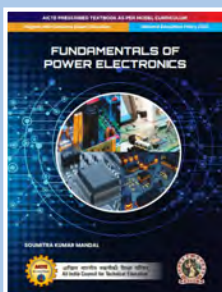
Chapter 12: Assembly Language Programming of 8085 Microprocessor;

Chapter 13: Timing Diagrams of 8085 Microprocessor;

Chapter 14: 8085 Microprocessor T- state & Machine Cycles;

Chapter 15: 8085 Microprocessor Instruction Set (Alphabetically);

Chapter 16: 8085 Microprocessor Instruction Set (Hex Code Wise)



FUNDAMENTALS OF POWER ELECTRONICS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Prof. Soumitra Kumar Mandal

ISBN: 9789355387240

Pages: 340

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Power Electronic Devices

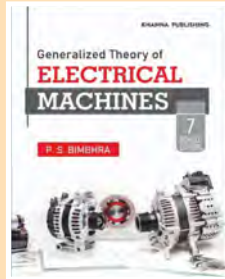
Unit 2: Thyristor Family Devices

Unit 3: Turn-on and Turn-off Methods of Thyristors

Unit 4: Phase Controlled Rectifiers

Unit 5: Industrial Control Circuits

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



GENERALIZED THEORY OF ELECTRICAL MACHINES

AICTE RECOMMENDED

P.S. Bimbhra

ISBN: 9789391505080

Pages: 872

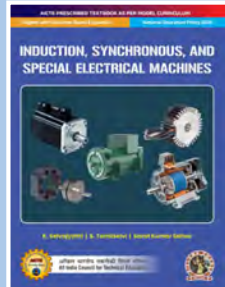
Year: 2021

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



INDUCTION, SYNCHRONOUS, AND SPECIAL ELECTRICAL MACHINES

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Dr. K. Selvajothi,
Dr. S. Tamilselvi,
Prof. Sarat Kumar Sahoo**

ISBN: 9789355386137

Pages: 320

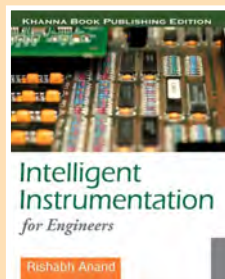
Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Three-Phase Induction Motor - Working and Construction
Unit 2: Three-Phase Induction Motor – T-N Characteristics
Unit 3: Three-Phase Induction Motor - Starting and Speed Control
Unit 4: Single-phase Induction Motors
Unit 5: Three Phase Alternator– Working and Construction
Unit 6: Three Phase Alternator –Voltage Regulation
Unit 7: Synchronous Motor
Unit 8: Fractional Horsepower (FHP) Motors – Working and Construction



INTELLIGENT INSTRUMENTATION FOR ENGINEERS

Rishabh Anand

ISBN: 9789381068854

Pages: 120

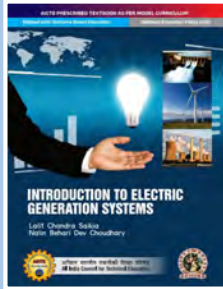
Year: 2014

Language: English

CONTENTS:

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

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



INTRODUCTION TO ELECTRIC GENERATION SYSTEMS

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

**Lalit Chandra Saikia,
Nalin Behari Dev
Choudhury**

ISBN: 9789355386564

Pages: 312

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Thermal Power Plants: Coal, Gas/ Diesel, and Nuclear-based

Chapter 2: Large and Micro-Hydropower Plants

Chapter 3: Solar and Biomass-based Power Plants

Chapter 4: Wind Power Plants

Chapter 5: Economics of Power Generation and interconnected Power System



INTRODUCTION TO EMBEDDED SYSTEM DESIGN

D. N. Sonawane, M. A. Joshi

ISBN: 9789355387578

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;

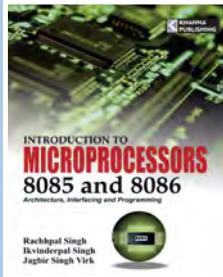
Chapter 8: Embedded System Design Using PIC 16FX series;

Chapter 9: PIC 16FX Series Microcontrollers: Timers/ Controllers

Chapter 10: PIC 16FX Series Microcontrollers: PWM/CCP Module;

...

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



INTRODUCTION TO MICROPROCESSORS 8085 AND 8086

Rachhpal Singh,
Ikvinderpal Singh,
Jagbir Singh Virk

ISBN: 9789380016573

Pages: 474

Year: 2025

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



INTRODUCTION TO VLSI

V. Venkateswarlu,
M. Chandrasekhar

ISBN: 9789355382382

Pages: 376

Year: 2014

Edition: First

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



LINEAR INTEGRATED CIRCUITS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. B.T. Krishna

ISBN: 9789355382900

Pages: 168

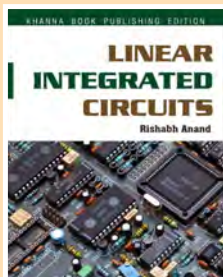
Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: IC Fabrication and circuit configuration for Linear IC
Unit 2: Applications of Operational Amplifiers
Unit 3: Analog Multiplier and PLL
Unit 4: Analog to Digital and Digital to Analog Converters
Unit 5: Waveform Generators and Special Function IC's



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

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



MICROCONTROLLER APPLICATIONS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Ritula Thakur

ISBN: 9789355385048

Pages: 152

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1:** Introduction to Microcontrollers
- Unit 2:** Architecture of 8051 Microcontroller
- Unit 3:** 8051 Instruction Set and Programs
- Unit 4:** Embedded C Programming for 8051
- Unit 5:** 8051 Internal Peripherals and Related Programs
- Unit 6:** Software Development Tools



MICROCONTROLLERS AND APPLICATION

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Santanu Chattopadhyay

ISBN: 9789355385062

Pages: 228

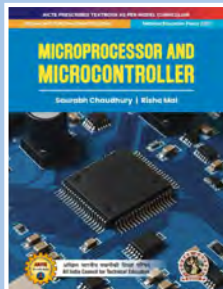
Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1:** Fundamentals of Microprocessors and Microcontrollers
- Unit 2:** The 8051 Architecture
- Unit 3:** Instruction Set and Programming
- Unit 4:** I/O Interfacing
- Unit 5:** Introduction to Advanced Processors and Concepts



MICROPROCESSOR AND MICROCONTROLLER

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Saurabh Chaudhury, Risha Mal

ISBN: 9789355385116

Pages: 308

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1:** Fundamentals of Microprocessors and Microcontrollers
- Unit 2:** 8051 Microcontroller
- Unit 3:** Instruction Set and Programming
- Unit 4:** Memory and I/O Interfacing
- Unit 5:** External Communication Interface
- Unit 6:** Introduction to Advanced Processors and Concepts



MICROPROCESSORS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Yogendra Kumar Gupta

ISBN: 9789355386083

Pages: 228

Year: 2026

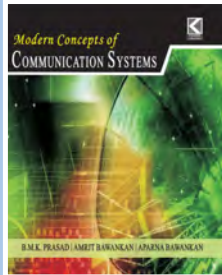
Edition: First

Language: English

CONTENTS:

- Unit 1:** Fundamentals of Microprocessors
- Unit 2:** The 8051 Microcontroller
- Unit 3:** Instruction Set and Programming
- Unit 4:** Memory and I/O Interfacing
- Unit 5:** External Communication Interface
- Unit 6:** Applications

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



MODERN CONCEPTS OF COMMUNICATION SYSTEMS

B.M.K. Prasad,
Amrit Bawankan,
Aparna Bawankan

ISBN: 9789382609506

Pages: 420

Year: 2014

Language: English

CONTENTS:

Chapter 1: Communication Systems;

Chapter 2: Amplitude Modulation;

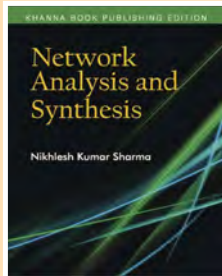
Chapter 3: Angle Modulation;

Chapter 4: Signal Analysis;

Chapter 5: Noise;

Chapter 6: Pulse Modulation;

Chapter 7: Digital Modulation



NETWORK ANALYSIS AND SYNTHESIS

N.K. Sharma

ISBN: 9789382609216

Pages: 536

Year: 2021

Language: English

CONTENTS:

Chapter 1: Introduction;

Chapter 2: Graph Theory;

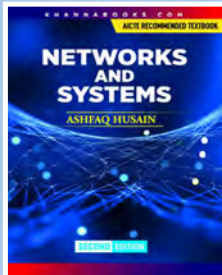
Chapter 3: Network Theorems;

Chapter 4: Network Function;

Chapter 5: Two Port Network;

Chapter 6: Network Synthesis;

Chapter 7: Filters



NETWORKS AND SYSTEMS

AICTE RECOMMENDED

Ashfaq Husain

ISBN: 9788187522089

Pages: 1170

Year: 2025

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introductory;

Chapter 2: Circuit Elements;

Chapter 3: Signal Wave forms;

Chapter 4: Kirchoff'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;

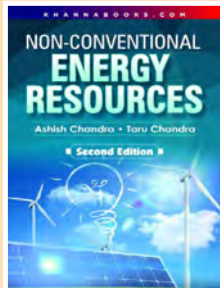
Chapter 18: Network Functions;

Chapter 19: Fourier Series;

Chapter 20: Fourier Transform;

Chapter 21: Passive Network Synthesis

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



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;

...



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;

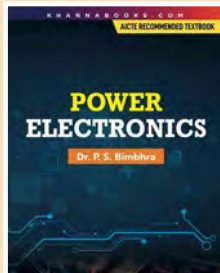
Chapter 6: Resonant Pulse Converter;

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 (PB)

ISBN: 9789355381941 (HB)

Pages: 1004

Year: 2025

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;

Chapter 13: Power Factor Improvement;

Chapter 14: Switching Mode DC-DC Converters;

Chapter 15: Power Supplies;

Chapter 16: Flexible AC Transmission Systems;

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



POWER ELECTRONICS: THEORY AND PRACTICALS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Lalit Chandra Saikia

ISBN: 9789355385956

Pages: 328

Year: 2026

Edition: First

Language: English

CONTENTS:

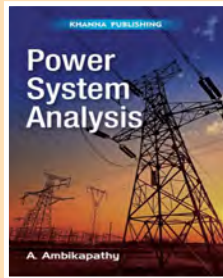
Unit 1: Power Electronic Devices

Unit 2: Thyristor Family Devices

Unit 3: Turn-on and Turn-off Methods of Thyristors

Unit 4: Phase Controlled Rectifiers

Unit 5: Industrial Control Circuits



POWER SYSTEM ANALYSIS

AICTE RECOMMENDED

A. Ambikapathy

ISBN: 9789380016818

Pages: 292

Year: 2021

Language: English

CONTENTS:

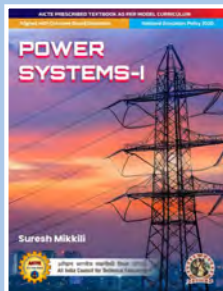
Chapter 1: Representation of Power System Components;

Chapter 2: Unsymmetrical Fault Analysis;

Chapter 3: Load Flows;

Chapter 4: Power System Stability;

Chapter 5: Traveling Waves



POWER SYSTEMS-I

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Suresh Mikkili

ISBN: 9789355384942

Pages: 580

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Basic Concepts

Unit 2: Overhead Transmission Lines and Cables

Unit 3: Transformers

Unit 4: Synchronous Machines

Unit 5: Over-Voltages and Insulation Requirements

Unit 6: Symmetrical Faults

Unit 7: Symmetrical Components, Unsymmetrical Faults and Sequence Networks

Unit 8: Circuit Breakers and Neutral Grounding

Unit 9: Protective Relays

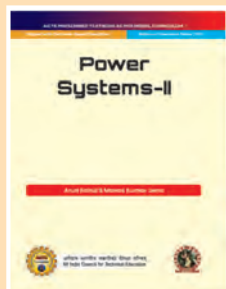
Unit 10: Protection of Alternators, Transformers, Busbars and Transmission Lines

Unit 11: HVDC Transmission

Unit 12: Photovoltaic Systems

Unit 13: Wind Energy

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



POWER SYSTEMS-II

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Arun Rahul S, Manas Kumar Jena

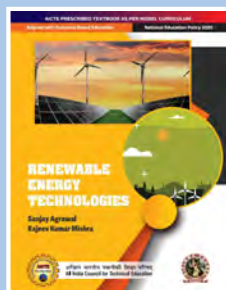
ISBN: 9789355386236

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



RENEWABLE ENERGY TECHNOLOGIES

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Sanjay Agrawal,
Rajeev Kumar Mishra**

ISBN: 9789355387189

Pages: 156

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Introduction

Chapter 2: Solar PV and Concentrated Solar Power Plants

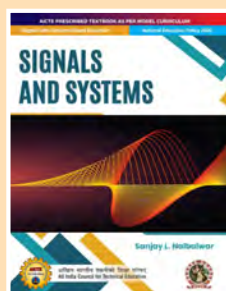
Chapter 3: Large Wind Power Plants

Chapter 4: Small Wind Turbines

Chapter 5: Micro-Hydro Power Plants

Chapter 6: Biomass-Based Power Plants

Chapter 7: Other Renewable Energy Sources



SIGNALS AND SYSTEMS

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Prof. Sanjay L. Nalbalwar

ISBN: 9789355385451

Pages: 312

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction to Signals and Systems

Unit 2: Behavior of Continuous and Discrete-time LTI Systems

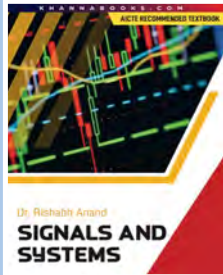
Unit 3: Fourier Series and Transform

Unit 4: Laplace Transform

Unit 5: Z Transform

Unit 6: Sampling & Reconstruction

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



SIGNALS AND SYSTEMS

AICTE RECOMMENDED

Rishabh Anand

ISBN: 9789386173539

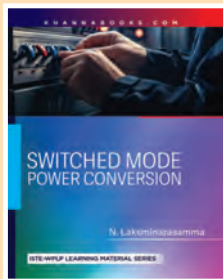
Pages: 716

Year: 2025

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;
- ...



SWITCHED MODE POWER CONVERSION

N. Lakshminarasamma

ISBN: 9789355385826

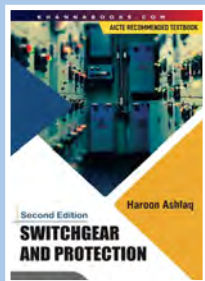
Pages: 84

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



SWITCHGEAR AND PROTECTION

AICTE RECOMMENDED

Haroon Ashfaq

ISBN: 9789380016078

Pages: 244

Year: 2024

Edition: Second

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

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



TELECOMMUNICATION SYSTEMS IN URBAN INFRASTRUCTURES

A. B. Bhattarcharya

ISBN: 9789374542781

Pages: 344

Year: 2026

Edition: First

Language: English

CONTENTS:

- Chapter 1:** Introduction to Telecommunication in Urban Infrastructure
- Chapter 2:** Fundamentals of Telecommunication Systems
- Chapter 3:** Wired Telecommunication Infrastructure in Cities
- Chapter 4:** Wireless Telecommunication Systems
- Chapter 5:** Telecommunication for Urban Mobility and Transportation
- Chapter 6:** Telecommunication in Urban Utilities and Services
- Chapter 7:** Telecommunication in Buildings and Urban Spaces
- Chapter 8:** Internet of Things (IoT) in Urban Infrastructure
- Chapter 9:** Cyber Security and Data Privacy in Urban Telecom Systems
- Chapter 10:** Planning and Deployment of Telecom Infrastructure in Cities
- Chapter 11:** Emerging Technologies In Urban Telecommunications
- Chapter 12:** Case Studies of Telecommunication in Smart Cities
- Chapter 13:** Future Trends and Challenges
- Chapter 14:** Visual Architectures and System Diagrams In Urban Telecommunication Infrastructure



UTILISATION OF ELECTRIC POWER AND ELECTRIC TRACTION

AICTE RECOMMENDED

GC Garg

ISBN: 9789386173355

Pages: 1280

Year: 2019

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

ELECTRICAL, ELECTRONICS & COMMUNICATION ENGINEERING



VLSI DESIGN

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Mahendra Sakare, Shonal Chouksey

ISBN: 9789355385208

Pages: TBD

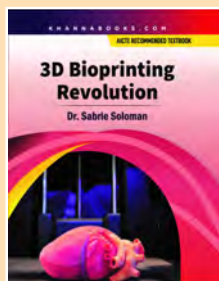
Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.

EMERGING TECHNOLOGIES



3D BIOPRINTING REVOLUTION

AICTE RECOMMENDED

Sabrie Soloman

ISBN: 9789389139082 (PB)

Pages: 336

Year: 2025

ISBN: 9789389139167 (HB)

Pages: 336

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 (HB)

Pages: 440

Year: 2023

ISBN: 9789386173768 (PB)

Pages: 424

Year: 2020

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



A CLASSICAL APPROACH TO ARTIFICIAL INTELLIGENCE

ICTE RECOMMENDED

Munesh Chandra Trivedi

ISBN: 9788190698894

Pages: 540

Edition: Second

Year: 2025

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



ADVANCED ROBOTICS DESIGN & APPLICATIONS

Sabrie Soloman

ISBN: 9789355382009

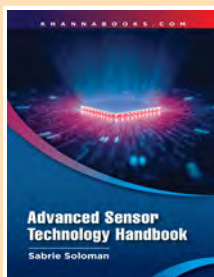
Pages: 280

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



ADVANCED SENSOR TECHNOLOGY HANDBOOK

Sabrie Soloman

ISBN: 9789355389497

Pages: 1492

Year: 2026

Edition: First

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

...

EMERGING TECHNOLOGIES



AIMAGINEERING

T.G. Sitharam,
Jasleen Ahluwalia,
Yogi Kochhar

ISBN: 9789374541647

Pages: 274

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: AI & UN & The World

Chapter 2: AI & Socio-Economics, Politics and Governance

Chapter 3: AI Teaching & Learning

Chapter 4: AI & Edu. Evolution

Chapter 5: AI & Energy, Telecom, Aviation, Agri

Chapter 6: AI & Mfg, Retail, Advt, Supply Chains, Stocks

Chapter 7: AI & Logistics & Insurance

Chapter 8: Immortality, Nanobots, Space, Quantum & Blockchains

Chapter 9: AI & Tourism, Conservation & Adventure

Chapter 10: Event Management

Chapter 11: Social Media Dating, Deepfakes, IPR

Chapter 12: Comedy

Chapter 13: AI & Space, Robotics, Defense & Cyber security

Chapter 14: Fashion, Beauty & Perfume

Chapter 15: Music

Chapter 16: Cinema, Art & Creative Expression

Chapter 17: Gaming

...



AI SHAKTI, AI FOR BHARAT

(COLOURED ADDITION)

Mahesh Verma, T. G.
Sitharam, Yogi Kochhar

ISBN: 9789374541814

Pages: 162

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Dawn Of the AI Age

Chapter 2: 2A 5 – Tier Architecture for Capacity Building

Chapter 3: Tier 0: AI Foundations for Schools

Chapter 4: Tier 1: AI Literacy For ALL

Chapter 5: Tier 2: Applied AI Skills For Employability

Chapter 6: Tier 3: Msme: The Backbone of India

Chapter 7: Tier 4: Deep-Tech AI Talent Pipeline

Chapter 8: Implementing The 5-Tier System at 56tyScale

Chapter 9: Tools, Templates and Worksheets

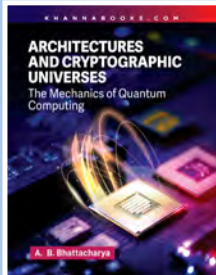
Chapter 10: The Future of India with Alforall

Chapter 11: The Vault of Knowledge

Chapter 12: When the Mind Melts

Chapter 13: AI & Children

EMERGING TECHNOLOGIES



ARCHITECTURES AND CRYPTOGRAPHIC UNIVERSES (THE MECHANICS OF QUANTUM COMPUTING)

A.B. Bhattacharya

ISBN: 9789355389695

Pages: 348

Year: 2026

Language: English

CONTENTS:

- Chapter 1: Quantum Computing Architectures
- Chapter 2: Quantum Cryptography
- Chapter 3: Quantum Simulation
- Chapter 4: Quantum Machine Learning
- Chapter 5: Advanced Topics in Quantum Computing Mechanics
- Chapter 6: Challenges in Quantum Computing Mechanics
- Chapter 7: Hands-on with Quantum Computing Mechanics
- Chapter 8: Future of Quantum Computing Mechanics



BEGINNERS GUIDE FOR DATA ANALYSIS USING R PROGRAMMING

AICTE RECOMMENDED

Jeeva Jose

ISBN: 9789386173454

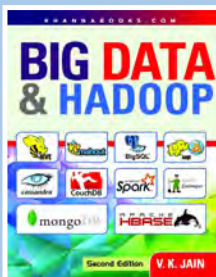
Pages: 368

Year: 2025

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



BIG DATA & HADOOP

AICTE RECOMMENDED

V.K. Jain

ISBN: 9789382609131

Pages: 656

Year: 2025

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

EMERGING TECHNOLOGIES



BLOCKCHAIN & 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



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



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

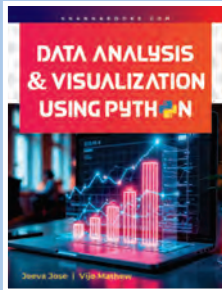
PART-II

Chapter 11: Man in the middle attacks on Banking Devices;

Chapter 12: Attack on Android Customer Phones;

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EMERGING TECHNOLOGIES



DATA ANALYSIS & VISUALIZATION USING PYTHON

Jeeva Jose, Vijo Mathew

ISBN: 9789355387967

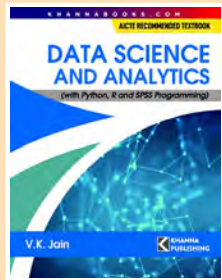
Pages: 316

Year: 2025

Language: English

CONTENTS:

Chapter 1: Introduction to Data Analytics;
Chapter 2: Working With Pandas;
Chapter 3: Exploring Data frames;
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



DATA SCIENCE & ANALYTICS

AICTE RECOMMENDED

V.K. Jain

ISBN: 9789386173676

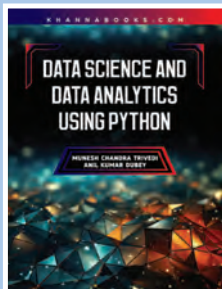
Pages: 276

Year: 2025

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 AND DATA ANALYTICS USING PYTHON

Munesh Chandra Trivedi,
Anil Kumar Dubey

ISBN: 9789355384263

Pages: 296

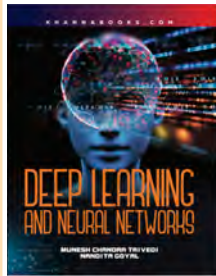
Year: 2025

Language: English

CONTENTS:

Chapter 1: Introduction of Data Science;
Chapter 2: Python Programming;
Chapter 3: Numpy and Pandas Library;
Chapter 4: Scikit Learn and Scipy Library;
Chapter 5: Data Manipulation;
Chapter 6: Modeling Techniques;
Chapter 7: Data Visualization;
Chapter 8: Pre Processing;
Chapter 9: Statistics of Data Analytics;
Chapter 10: Regression;
Chapter 11: Classification

EMERGING TECHNOLOGIES



DEEP LEARNING AND NEURAL NETWORKS

M.C. Trivedi,
Nandita Goyal

ISBN: 9789355383983

Pages: 172

Year: 2025

Language: English

CONTENTS:

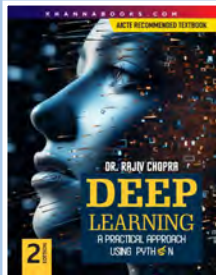
Module 01: Information Flow in a Neural Network, Understanding Basic Structure and ANN

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



DEEP LEARNING AICTE RECOMMENDED

Rajiv Chopra

ISBN: 9789386173416

Pages: 320

Year: 2026

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: 2025

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

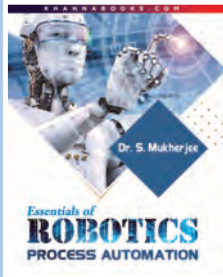
Chapter 9: IoT Application, Security and Management Protocols

Chapter 10: IoT Tools, Platforms and Frameworks

Chapter 11: Storage Models and Systems

Chapter 12: Web of Things and Cloud of Things

EMERGING TECHNOLOGIES



ESSENTIAL OF ROBOTICS PROCESS AUTOMATION

AICTE RECOMMENDED

Dr. 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)



EXPLORING TOMORROW: THE COMPREHENSIVE GUIDE TO ROBOTICS AND AUTOMATION

**A.B. Bhattacharya,
Debasish Roy**

ISBN: 9789355387257

Pages: 416

Year: 2025

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

Chapter 14: Challenges in Robotics and Automation

EMERGING TECHNOLOGIES



FEATURE ENGINEERING FOR MACHINE LEARNING (TECHNIQUES, TOOLS AND APPLICATIONS)

**A. B. Bhattacharya,
R. Bhattacharya**

ISBN: 9789374541517

Pages:388

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction to Feature Engineering

Unit 2: Basic Feature Preprocessing

Unit 3: Feature Engineering Techniques

Unit 4: Feature Extraction vs. Feature Selection

Unit 5: Advanced Topics and Case Studies



FOUNDATIONS OF QUANTUM TECHNOLOGIES (WITH LAB MANUAL)

A.B. Bhattacharya

ISBN: 9789355383242

Pages:420

Year: 2026

Language: English

CONTENTS:

Part I: Fundamentals of Quantum Mechanics

Chapter 1: Introduction to Quantum
Technologies

Chapter 2: Mathematical Foundations

Chapter 3: Postulates of Quantum Mechanics

Chapter 4: Postulates of Quantum Mechanic

Part II: Core Quantum Technologies

Chapter 5: Quantum Computation

Chapter 6: Quantum Cryptograph

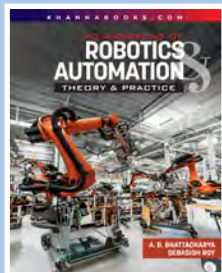
Chapter 7: Quantum Communication

Chapter 8: Quantum Sensing and Metrology

Part III: Experimental and Practical Aspects

Chapter 9: Quantum Communication

...



FOUNDATIONS OF ROBOTICS & AUTOMATION (THEORY & PRACTICE)

**A.B. Bhattacharya,
Debasish Roy**

ISBN: 9789355388001

Pages: 428

Year: 2025

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.

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EMERGING TECHNOLOGIES



FUNDAMENTALS OF BLOCKCHAIN TECHNOLOGY

Kartik Hegadekatti

ISBN: 9789355385888

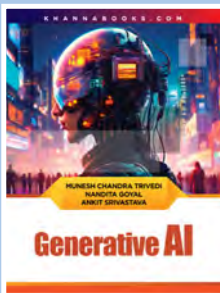
Pages: 154

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,
Nandita Goyal,
Ankit Srivastava**

ISBN: 9789355386397

Pages: 300

Year: 2026

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: 9789355384577

Pages: 224

Year: 2026

Edition: Third

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;

EMERGING TECHNOLOGIES



INTERNET OF THINGS

AICTE RECOMMENDED

Jeeva Jose

ISBN: 9789386173591

Pages: 368

Year: 2025

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;

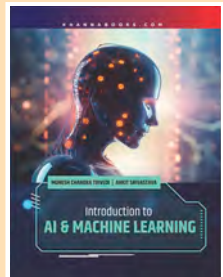
Chapter-13: Smart Homes;

Chapter-14: Smart Grids;

Chapter-15: Smart Cities;

Chapter-16: Connected vehicles;

Chapter-17: Industrial IoT



INTRODUCTION TO AI AND MACHINE LEARNING

M.C. Trivedi,
Ankit Srivastava

ISBN: 9789355386885

Pages: 336

Year: 2025

Language: English

CONTENTS:

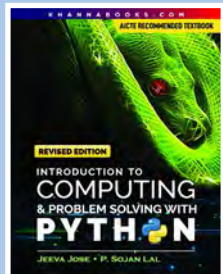
Chapter 1: Artificial Intelligence;

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)



INTRODUCTION TO COMPUTING & PROBLEM SOLVING THROUGH PYTHON

AICTE RECOMMENDED

Jeeva Jose, P. Sojan Lal

ISBN: 9789382609810

Pages: 288

Year: 2025

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;

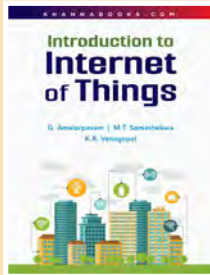
Chapter 9: Object Oriented Programming;

Chapter 10: Exception Handling;

Chapter 11: Regular Expressions;

Chapter 12: Database Programming

EMERGING TECHNOLOGIES



INTRODUCTION TO INTERNET OF THINGS

M.T. Somashekara,
G. Amaorpavam,
K.R. Venugopal

ISBN: 9789374542934

Pages: 384

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Introduction to Internet of Things

Chapter 2: IoT Enabling Technologies, IoT Levels & Deployment

Chapter 3: IoT Paradigm

Chapter 4: IoT Sensors

Chapter 5: The Things in IoT

Chapter 6: IP As The IoT Network Layer

Chapter 7: Protocols For IoT

Chapter 8: M₂M to IoT – A Basic Perspective

Chapter 9: Architectural Overview

Chapter 10: Architecture Reference Model

Chapter 11: Internet of Things Privacy, and Governance

Chapter 12: Developing IoT Solutions

Chapter 13: Introduction to Arduino UNO



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;

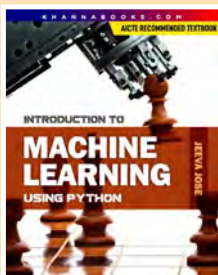
Chapter 10: IoT for Oil and Gas Industry;

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 MACHINE LEARNING USING PYTHON

AICTE RECOMMENDED

Jeeva Jose

ISBN: 9789389139068

Pages: 200

Year: 2025

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

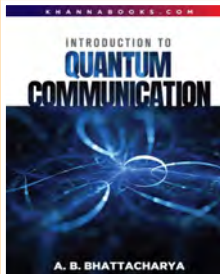
EMERGING TECHNOLOGIES



INTRODUCTION TO PYTHON PROGRAMMING
Venkatesh, Nagaraju Y
ISBN: 9789355384454
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

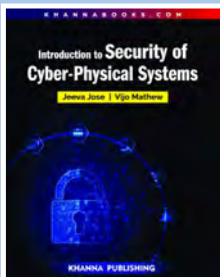


INTRODUCTION OF QUANTUM COMMUNICATION
A.B. Bhattacharya
ISBN: 9789355388926
Pages: 448
Year: 2026
Edition: First
Language: English

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

...



INTRODUCTION TO SECURITY OF CYBER-PHYSICAL SYSTEMS
Jeeva Jose, Vijo Mathew
ISBN: 9789355380586
Pages: 368
Year: 2023
Edition: First
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 Technology 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.
Chapter 13: Cyber-Physical Systems.

EMERGING TECHNOLOGIES



MACHINE LEARNING

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

ISBN: 9789355384980

Pages: 252

Year: 2026

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

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



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;

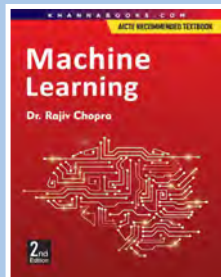
Chapter 3: Classification Families;

Chapter 4: Learning Algorithms;

Chapter 5: Unsupervised Learning and their Algorithms;

Chapter 6: Reinforcement Learning and Control;

Chapter 7: IoT and Machine Learning;



MACHINE LEARNING

AICTE RECOMMENDED

Rajiv Chopra

ISBN: 9789386173423

Pages: 360

Year: 2025

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction to Machine Learning and Deep Learning;

Chapter 2: Types of Learning;

Chapter 3: Classification Families;

Chapter 4: Learning Algorithms;

Chapter 5: Unsupervised Learning and their Algorithms;

EMERGING TECHNOLOGIES



MASTERING HACKING

AICTE RECOMMENDED

Harsh Bothra

ISBN: 9789386173843

Pages: 200

Year: 2025

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

...



MISSION CYBER BHARAT (BHARAT'S GUIDE TO CYBER SAFETY)

Harsh Bothra

ISBN: 9789355387660

Pages: 70

Year: 2025

Language: English

CONTENTS:

Chapter 1: Example: Cyber World Compared to
Older Times.

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



PROGRAMMING IN PYTHON

R.S. Salaria

ISBN: 9789389139013

Pages: 380

Year: 2024

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;

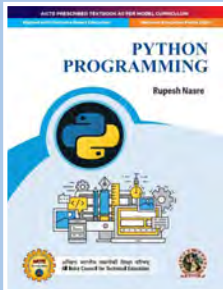
Chapter 12: Dictionaries;

Chapter 13: File Handling

Chapter 14: OOP Concepts

...

EMERGING TECHNOLOGIES



PYTHON PROGRAMMING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Rupesh Nasre

ISBN: 9789355387455

Pages: 132

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Introduction, Variables, and Data Types

Chapter 2: Control Structures

Chapter 3: Functions, Modules, and Packages

Chapter 4: Files and Regular Expressions.

Chapter 5: Django Framework



QUANTUM COMPUTING & TECHNIQUES (THEORY & PRACTICE)

Rajiv Chopra

ISBN: 9789355384232

Pages: 386

Year: 2025

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.



QUANTUM COMPUTING MECHANICS (FOUNDATIONS, PRINCIPLES AND APPLICATIONS)

A.B. Bhattacharya

ISBN: 9789355388858

Pages: 312

Year: 2025

Edition: First

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

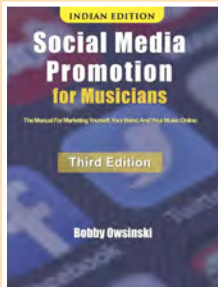
Chapter 5: Quantum Parallelism and Interference

Chapter 6: Quantum Entanglement and Non-locality

Chapter 7: Quantum Algorithms

Chapter 8: Quantum Error Correction and Fault Tolerance

EMERGING TECHNOLOGIES



SOCIAL MEDIA PROMOTION FOR MUSICIANS

Boby Owsinski

ISBN: 9789355383327

Pages: 292

Year: 2025

Edition: Third

Language: English

CONTENTS:

- Chapter 1: It's Called Promotion;
- Chapter 2: Your Social Media Strategy;
- Chapter 3: Developing Your Brand;
- Chapter 4: Creating Your Killer Website;
- Chapter 5: Creating Your Mailing List;
- Chapter 6: Using Facebook for Marketing;
- Chapter 7: Marketing with Instagram;
- Chapter 8: Marketing With YouTube;
- Chapter 9: Marketing With TikTok;
- Chapter 10: Marketing with Twitter;
- Chapter 11: Using LinkedIn for Marketing;
- Chapter 12: Marketing With Blog;
- Chapter 13: Playlist Marketing;
- Chapter 14: Posting Frequency Strategy



TAMING PYTHON BY PROGRAMMING

AICTE RECOMMENDED

Jeeva Jose

ISBN: 9789386173348

Pages: 348

Year: 2025

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;
- ...



THE MASTERING ENGINEER'S HANDBOOK

Boby Owsinski

ISBN: 9789355387066

Pages: 281

Year: 2025

Edition: Fifth

Language: English

CONTENTS:

- Part I: The Mechanics Of Mastering;
- Part II: The Interviews

EMERGING TECHNOLOGIES



THE MIXING ENGINEER'S HANDBOOK

Bobby Owsinski

ISBN: 9789355389152

Pages: 397

Year: 2025

Edition: Fifth

Language: English

CONTENTS:

PART I:

Chapter 1: Meet The Mixers

Chapter 2: Some Background

Chapter 3: Monitoring

Chapter 4: Mix Preparation

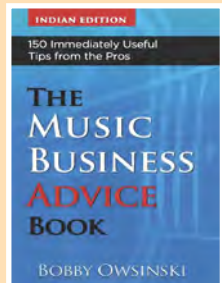
Chapter 5: The Mechanics of Mixing

Chapter 6: Mix Balance

Chapter 7: The Mixing Part of Mixing;

Chapter 8: The Panorama Element: Placing Mix Elements in the Soundfield

...



THE MUSIC BUSINESS ADVICE BOOK

Bobby Owsinski

ISBN: 9789355383907

Pages: 298

Year: 2025

Language: English

CONTENTS:

Chapter 1: Follow Your Passion;

Chapter 2: Learn to Network;

Chapter 3: Play Well with Others;

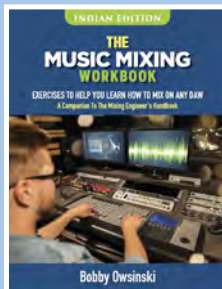
Chapter 4: Educate Yourself;

Chapter 5: Own Your Content;

Chapter 6: Getting Paid;

Chapter 7: Taking Care of Business;

Chapter 8: Music Gems of Wisdom



THE MUSIC MIXING WORKBOOK

Bobby Owsinski

ISBN: 9789355389763

Pages: 260

Year: 2025

Language: English

CONTENTS:

Chapter 1: Mixing Basics;

Chapter 2: Monitoring;

Chapter 3: Session Setup;

Chapter 4: Mixing Mechanics;

Chapter 5: Balance;

Chapter 6: Planning;

Chapter 7: Dynamics Processors;

Chapter 8: Using The EQ;

Chapter 9: Adding Reverb;

Chapter 10: Adding Delay;

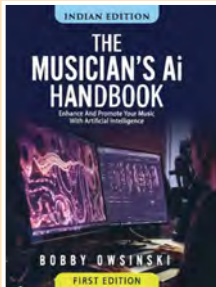
Chapter 11: Modulation Effects;

Chapter 12: Creating Interest;

Chapter 13: The Master Mix;

Chapter 14: Building The Mix in Order
Glossary

EMERGING TECHNOLOGIES



THE MUSICIAN'S AI HANDBOOK

Boby Owsinski

ISBN: 9789355388483

Pages: 191

Year: 2025

Language: English

CONTENTS:

PART I:

Chapter 1: The Foundation of AI;

Chapter 2: AI Copyright;

PART II:

Chapter 3: AI Composition;

Chapter 4: AI Music Production Tools;

Chapter 5: AI Audio Tools;

Chapter 6: AI Mixing and Mastering;

PART III:

Chapter 7: AI Graphics Platforms;

Chapter 8: AI Video Platforms;

Chapter 9: AI Marketing Platforms;

Chapter 10: The Future of AI Music;

Chapter 11: Glossary;

Chapter 12: AI Music Tools and Services



THE RECORDING ENGINEER'S HANDBOOK

Boby Owsinski

ISBN: 9789355385161

Pages: 325

Year: 2025

Edition: Fifth

Language: English

CONTENTS:

PART I

How Microphones Work

Common Microphones

Basic Recording Equipment

DAW Recording

Microphone Placement Fundamentals

Basic Stereo Techniques

Preparing The Drum Kit for Recording

Recording Drums

Miking Individual Instruments

Recording Basic Tracks

Recording Overdubs

Immersive Recording Techniques

PART II

Chuck Ainlay

Michael Bishop

J.J. Blair

Bruce Botnick

Wyn Davis

Eddie Kramer

Mack

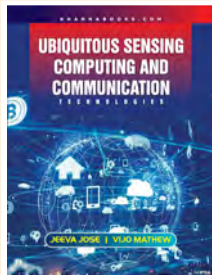
Sylvia Massy

Dennis Moody

Barry Rudolph

...

EMERGING TECHNOLOGIES



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.



UNDERSTANDING EMERGING TECHNOLOGIES

Sabrie Soloman

ISBN: 9789355385437

Pages: 378

Year: 2025

Edition: First

Language: English

CONTENTS:

- Chapter 1: What is AI?
- Chapter 2: Augmented and virtual reality
- Chapter 3: Internet of things – IoT
- Chapter 4: 3d bio-printing
- Chapter 5: Block chain technology
- Chapter 6: Data science
- Chapter 7: Machine learning
- Chapter 8: Quantum computers
- Chapter 9: Harnessing fusion power



VIRTUAL AND AUGMENTED REALITY

Dr. Rajiv Chopra, Damandeep Singh

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

ENVIRONMENTAL ENGINEERING



A TEXTBOOK OF ENVIRONMENTAL SCIENCE

Rimpi Mehani Ne'e Chopra,
Dr. 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



AIR & NOISE POLLUTION THEIR EFFECTS CONTROL EQUIPMENT AND MITIGATION

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

ISBN: 9789374549216

Pages: 152

Year: 2015

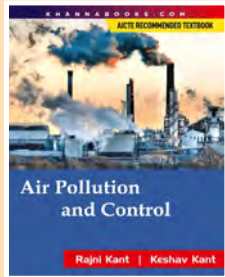
Edition: First

Language: English

CONTENTS:

- Chapter 1:** Air Pollution and its Sources
- Chapter 2:** Global and Indian Scenarios of Air Pollution
- Chapter 3:** Theoretical Aspects Related to Air Pollution
- Chapter 4:** Health Effects Due to Air Pollution
- Chapter 5:** Standards for Air Pollution Control
- Chapter 6:** Sources Harmful Effects and Mitigation of Air Pollutants
- Chapter 7:** Equipment for Air Pollution Control – Design, Operation and Maintenance
- Chapter 8:** Base Line Data, Air Monitoring Devices and GIS
- Chapter 9:** Noise Pollution Its Sources and Standards
- Chapter 10:** Noise Abatement Measures
- Chapter 11:** Nanoparticle Emissions and Protective Controls
- Chapter 12:** Emerging Technologies for Particulate and Gaseous Emissions

ENVIRONMENTAL 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;

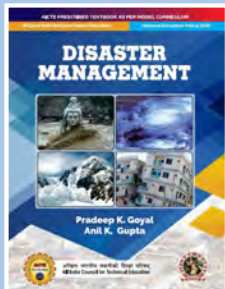
Chapter 7: Control of Emission of Oxides of sulphur(SO_x) for Flue Gases of Boilers;

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;

...



DISASTER MANAGEMENT

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Pradeep K. Goyal,
Anil K. Gupta**

ISBN: 9789355383396

Pages: 200

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction

Unit 2: Disasters

Unit 3: Disaster Impacts

Unit 4: Disaster Risk Reduction

Unit 5: Disasters, Environment and Development

ENVIRONMENTAL ENGINEERING



DISASTER MANAGEMENT

AICTE RECOMMENDED

S.C. Sharma

ISBN: 9789355383969

Pages: 248

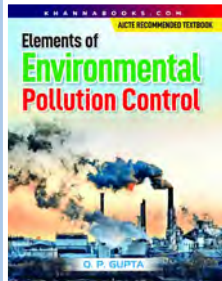
Year: 2025

Edition: Third

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 ENVIRONMENTAL POLLUTION CONTROL

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789382609667

Pages: 872

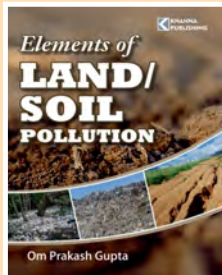
Year: 2025

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



ELEMENTS OF SOLID HAZARDOUS WASTE AND MANAGEMENT

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789382609759

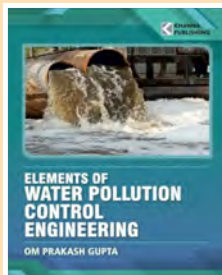
Pages: 392

Year: 2023

Language: English

CONTENTS:

- Chapter 1:** Introduction to Solid Waste Management;
- Chapter 2:** Municipal Solid Waste (MSW) Management;
- Chapter 3:** Industrial Solid Waste Management;
- Chapter 4:** Hazardous Waste Management;
- Chapter 5:** Radioactive Waste Management;
- Chapter 6:** Biomedical Waste (BMW) Management;
- Chapter 7:** E- Waste Management;
- Chapter 8:** Integrated Solid Waste Management
- Chapter 9:** Short Q&A on Solid Waste Management (ISWM);



ELEMENTS OF WATER POLLUTION CONTROL ENGINEERING

AICTE RECOMMENDED

Om Prakash Gupta

ISBN: 9789386173225

Pages: 924

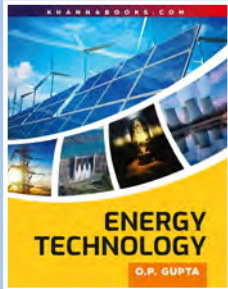
Year: 2019

Language: English

CONTENTS:

- Chapter 1:** Introduction to Water Pollution;
- Chapter 2:** Characteristics and Properties of Water;
- Chapter 3:** Purification of Water/Water Treatment;
- Chapter 4:** Sources, Effects and Control of Water Pollution;
- Chapter 5:** Waste Water/Sewage Treatment;
- Chapter 6:** Industrial Waste Water and Its Treatment;
- Chapter 7:** Water Quality and Standards;
- Chapter 8:** Water Related Disease

ENVIRONMENTAL ENGINEERING



ENERGY TECHNOLOGY

O.P. Gupta

ISBN: 9789386173683

Pages: 850

Year: 2025

Language: English

CONTENTS:

Chapter 1: Introduction to energy basics and energy scenario.

Chapter 2: Fuel and Combustion Technology.

Chapter 3: Alternate fuels for transportation.

Chapter 4: Furnaces.

Chapter 5: Boilers.

Chapter 6: Waste heat recovery.

Chapter 7: Steam-properties & efficient utilization;

Chapter 8: Thermal Insulation.

Chapter 9: Refractories.

Chapter 10: Basics of Electric Energy Uses.

Chapter 11: Electric Transformers.

Chapter 12: Electric Motors.

Chapter 13: Fans and blowers.

...



ENVIRONMENTAL ENGINEERING

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Chandra Sekhar Matli

ISBN: 9789355385963

Year: 2026

Edition: First

Language: English

Forthcoming Title: In Final Production; Releasing Soon.



ENVIRONMENTAL ENGINEERING

AICTE RECOMMENDED

A.K. Jain

ISBN: 9789386173638

Pages: 568

Year: 2024

Language: English

CONTENTS:

Chapter 1: An Introduction to Environmental Engineering;

Chapter 2: Water;

Chapter 3: Water Supply in Buildings;

Chapter 4: Sanitation and Sewerage;

Chapter 5: Drainage and Storm Water Management;

Chapter 6: Solid Waste Management;

Chapter 7: Energy Conservation and Efficiency;

Chapter 8: Water Pollution and Health

Chapter 9: Waste Water Treatment;

Chapter 10: Environmental Planning

ENVIRONMENTAL ENGINEERING



ENVIRONMENTAL ENGINEERING

AICTE RECOMMENDED

**MP Poonia, S.C. Sharma,
Santosh Kumar**

ISBN: 9789390779079

Pages: 392

Year: 2023

Edition: Second

Language: English

CONTENTS:

Chapter 1: Introduction to Environmental Engineering;

PART 1: WATER SUPPLY ENGINEERING

Chapter 2: Water Demands;

Chapter 3: Source of Water;

Chapter 4: Water Quality And Characteristics;

Chapter 5: Transmission of Water;

Chapter 6: Pumps And Pumping Stations;

Chapter 7: Purification of Water Supply;

Chapter 8: Water Distribution System

Chapter 9: Plumbing Systems In Buildings;

Chapter 10: Rural Water Supply

...



ENVIRONMENTAL STUDIES

**MP Poonia, S.C. Sharma,
Santosh Kumar**

ISBN: 9789390779024

Pages: 536

Year: 2025

Edition: Third

Language: English

CONTENTS:

Chapter 1: An Introduction - Multi-Disciplinary Nature of Environmental Studies;

Chapter 2: The Earth and the Biosphere (The Earth Sciences);

Chapter 3: Ecology;

Chapter 4: Ecosystems;

Chapter 5: Biodiversity and its Conservation;

Chapter 6: Natural Resources;

Chapter 7: Forest Resources;

Chapter 8: Water Resources;

Chapter 9: Mineral Resources;

Chapter 10: Land (Soil) Resources;

Chapter 11: Energy Resources;

Chapter 12: Food Resources;

Chapter 13: Environmental Pollution (Hazards and Control);

Chapter 14: Waste Management;

Chapter 15: Disaster Management;

Chapter 16: Social Issues;

Chapter 17: Environmental Challenges

Chapter 18: Human Population and the Environment;

Chapter 19: Resettlement and Rehabilitation (R&R)

Chapter 20: Environmental Protection;

...

ENVIRONMENTAL ENGINEERING



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

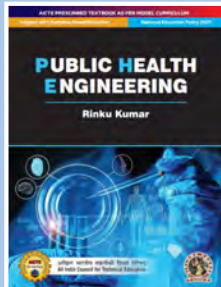
Chapter 8: UN Climate Change Conference – GLASGOW and BEYOND

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



PUBLIC HEALTH ENGINEERING

ICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Rinku Kumar

ISBN: 9789355388704

Pages: 180

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Sources, Demand and Quality of Water

Unit 2: Purification of Water

Unit 3: Conveyance and Distribution of Water

Unit 4: Domestic Sewage and System of Sewerages

Unit 5: Characteristics and Treatment of Sewage



WASTEWATER TREATMENT

P. N. Ravindra

ISBN: 9789355384461

Pages: 320

Year: 2007

Edition: First

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

ENVIRONMENTAL ENGINEERING



WATER TREATMENT

P. N. Ravindra

ISBN: 9789355389220

Pages: 272

Year: 2006

Edition: First

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

Chapter 10: Membrane Treatment Systems

FIRE & SAFETY ENGINEERING



HANDBOOK OF FIRE PROTECTION ENGINEERING

AICTE RECOMMENDED

K. Ehteshami

ISBN: 9789386173775 (PB)

ISBN: 9789389139181 (HB)

Pages: 320

Year: 2025

Edition: First

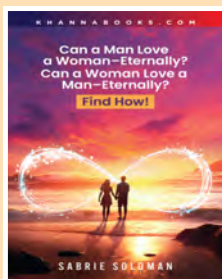
Language: English

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 62;

...

GENERAL BOOKS



CAN A MAN LOVE A WOMAN - ETERNALLY? CAN A WOMAN LOVE A MAN - ETERNALLY?

Sabrie Soloman

ISBN: 9789355382177

Pages: 704

Year: 2025

Edition: First

Language: English

CONTENTS:

Chapter 1: What is a Man?

Chapter 2: What is a Woman?

Chapter 3: What is Love?

Chapter 4: The Integrity of a Single Man

Chapter 5: What is Infidelity?

Chapter 6: Lust in The Life of a Man or a Woman

Chapter 30: The Concept of a Contrite Heart in
Men and Women

Chapter 8: Navigating Daily Crises

Chapter 9: Don't Give up Yet

Chapter 10: How Should a Man Love a Woman
– Eternally?

Chapter 11: Appendix



MATI KAHE PUKAR KE

Girish Chandra Agarwal

ISBN: 9789390779109

Pages: 88

Year: 2022

Edition: First

Language: Hindi

GENERAL TITLES



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

Chapter 19: A Broken Dining Table

Chapter 20: The Beautiful

Chapter 21: The Solo Trip

Chapter 22: The Nihilist

Chapter 23: Warm Loving Medication

Chapter 24: Birthdays

Chapter 25: Cowards

Chapter 26: Rock Bottom

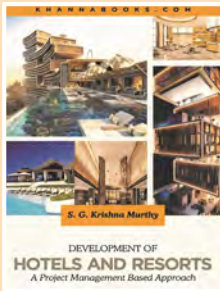
Chapter 27: Love Hurts. Mental Illness Hurts
More

Chapter 28: It's All in Your Head, Akshat

Chapter 29: To Each Their Own Agony

Chapter 30: Flights and Therapists

HOSPITALITY & TOURISM



**DEVELOPMENT OF
HOTELS AND
RESORTS
A PROJECT MANAGEMENT
BASED APPROACH**

S. G. Krishna Murthy

ISBN: 9789355380906

Pages: 136

Year: 2025

Language: English

CONTENTS:

Chapter 1: Introduction;

Chapter 2: Organogram of Owner, Consultants
& Project Coordinator;

Chapter 3: The Owner;

Chapter 4: Role of Project Coordinator;

Chapter 5: Role of Operator During Planning
and Construction;

Chapter 6: Role of Design Team;

Chapter 7: Project Management/ Construction
management;

Chapter 8: Duties of FF & E (Future Fittings
& Equipment) Manager and
Concerned Staff;

Chapter 9: Risks with COVID-19 and
Corrections;

Chapter 10: Scope for hotels & Resorts in India

MANAGEMENT BOOKS



#AWESOME5G- 5G BHARAT (SPEED, COVERAGE, AND CAPACITY)

**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

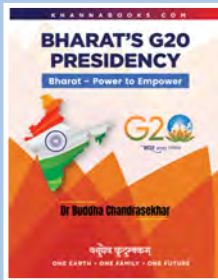
Chapter 15: How 5G can Empower Urban Development in Bharat;

Chapter 16: The Role of Government of Bharat and Telecom Industry in Shaping the Future of 5G Implementation

Chapter 17: The Role of Spectrum in Enabling 5G Deployment in Bharat

...

MANAGEMENT BOOKS



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



BUSINESS COMMUNICATIONS (INCLUDING TECHNICAL COMMUNICATION)

Varinder Bhatia

ISBN: 9788187522676

Pages: 316

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

...

MANAGEMENT BOOKS



COLLECTIVE BARGAINING AND NEGOTIATION SKILLS

Premvir Kapoor

ISBN: 9789374540886

Pages: 148

Year: 2026

Edition: First

Language: English

CONTENTS:

Chapter 1: Importance of Thinking Skills;

Chapter 2: Critical Thinking;

Chapter 3: Creativity and Creative Thinking;

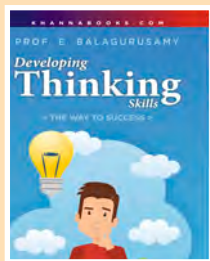
Chapter 4: Rational Thinking;

Chapter 5: Design Thinking;

Chapter 6: Ethical Thinking;

Chapter 7: Systems Thinking;

Chapter 8: Comparison of Thinking Styles



DEVELOPING THINKING SKILLS (THE WAY TO SUCCESS)

AICTE RECOMMENDED

Prof. E Balagurusamy

ISBN: 9789390779086

Pages: 130

Year: 2025

Language: English

CONTENTS:

Chapter 1: Importance of Thinking Skills;

Chapter 2: Critical Thinking;

Chapter 3: Creativity and Creative Thinking;

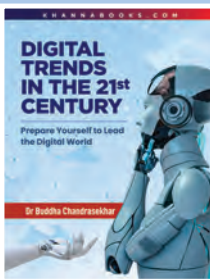
Chapter 4: Rational Thinking;

Chapter 5: Design Thinking;

Chapter 6: Ethical Thinking;

Chapter 7: Systems Thinking;

Chapter 8: Comparison of Thinking Styles



DIGITAL TRENDS IN THE 21ST CENTURY (PREPARE YOURSELF TO LEAD THE DIGITAL WORLD)

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;

...

MANAGEMENT BOOKS



EFFECTIVE IMPLEMENTATION OF OBE LEADING TO ACCREDITATION

B. Kanmani

ISBN: 9789355383976

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



ENERGY MANAGEMENT

P. Balachandra

ISBN: 9789355384478

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



FINANCIAL MANAGEMENT

G. Arun Kumar

ISBN: 9789355387349

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

MANAGEMENT BOOKS



FUTURE EMPLOYMENT OPPORTUNITIES AROUND THE WORLD

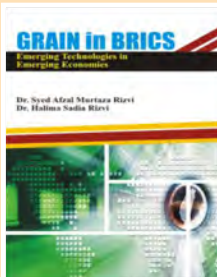
Dr. Buddha Chandrasekhar

ISBN: 9789355385833

Pages: 70

Year: 2024

Language: English



GRAIN IN BRICS

**Dr. Syed Afzal Murtaza Rizvi
Rizvi, Dr. Halima Sadia Rizvi**

ISBN: 9789380016122 (HB)

Pages: 188

Year: 2010

Language: English

CONTENTS:

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



HUMAN RESOURCE MANAGEMENT

Premvir Kapoor

ISBN: 9789355386847

Pages: 252

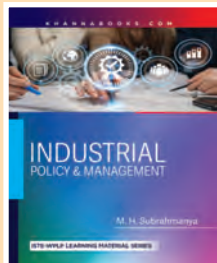
Year: 2026

Edition: First

Language: English

CONTENTS:

- Chapter 1: Managing Human Resources
- Chapter 2: Human Resource Management
- Chapter 3: Human Resource Planning
- Chapter 4: Job Analysis
- Chapter 5: Recruitment and Selection
- Chapter 6: Training and Development
- Chapter 7: Human Resources Development
- Chapter 8: Performance Appraisal and Compensation Management
- Chapter 9: Employee Relations
- Chapter 10: Personnel Policy, Research and Audit
- Chapter 11: Human Resource Accounting
- Chapter 12: Auditing and Accounting



INDUSTRIAL POLICY & MANAGEMENT

M. H. Subrahmanya

ISBN: 9789355386922

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?;

MANAGEMENT BOOKS



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

Chelat Bhuvanahandran

ISBN: 9789355381149

Pages: 262

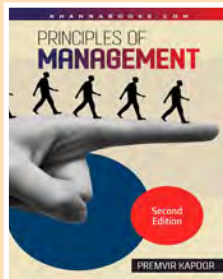
Year: 2022

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?;

...



PRINCIPLES OF **MANAGEMENT**

AICTE RECOMMENDED

Premvir Kapoor

ISBN: 9789355386069

Pages: 304

Year: 2026

Edition: Second

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:** Team development;
- Chapter 13:** Organizational development;
- Chapter 14:** Contemporary issues in management;
- Chapter 15:** Model questions and answers as per latest syllabus;
- Chapter 16:** Important terms and concepts

MANAGEMENT BOOKS



PRODUCT INNOVATION & ENTREPRENEURSHIP

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

**Vigneshwaran
Chidambaram**

ISBN: 9789355383754

Pages: 340

Year: 2026

Edition: First

Language: English

CONTENTS:

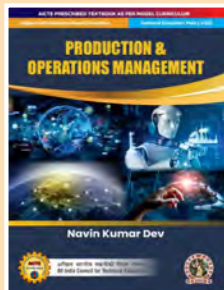
Unit 1: Fundamentals of Entrepreneurship

Unit 2: Product Innovation

Unit 3: Marketing and Finance

Unit 4: Venture Creation

Unit 5: Course Project



PRODUCTION & OPERATIONS MANAGEMENT

AICTE PRESCRIBED TEXTBOOK

Also available in Regional Languages

Dr. Navin Kumar Dev

ISBN: 9789355384584

Pages: 796

Year: 2026

Edition: First

Language: English

CONTENTS:

Unit 1: Introduction to Production and Operations Management

Unit 2: Project Management

Unit 3: Project Scheduling and Closure

Unit 4: Production Planning and Control

Unit 5: Aggregate and Resource Planning

Unit 6: Inventory Management

Unit 7: Just-in-Time Systems

Unit 8: Supply Chain Management

Unit 9: Forecasting

Unit 10: Facility Layout

Unit 11: Material Handling

Unit 12: Lean and Green Manufacturing

Unit 13: Process Analysis and Quality Design

Unit 14: Total Quality Management

Unit 15: Digitalization and Advanced Factory System

Unit 16: Linear Programming

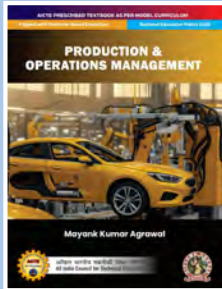
Unit 17: Human Resource Management & Safety Norms

Unit 18: Transportation and Assignment Problems

Unit 19: Queuing Analysis

Unit 20: Network Flow Models

MANAGEMENT BOOKS



PRODUCTION & OPERATIONS MANAGEMENT

AICTE PRESCRIBED TEXTBOOK

Also available in *Regional Languages*

Dr. Mayank Kumar Agrawal

ISBN: 9789355387790

Pages: 288

Year: 2026

Edition: First

Language: English

CONTENTS:

- Unit 1:** Process planning and Process Engineering
- Unit 2:** Production Forecasting and Scheduling
- Unit 3:** Break-Even Analysis & Aggregate Operations Planning
- Unit 4:** Assembly Line Balancing
- Unit 5:** Material Management



FROM BEING A READER TO BECOMING AN AUTHOR THE JOURNEY

M.T. Somashekara

ISBN: 9789389139051

Pages: 136

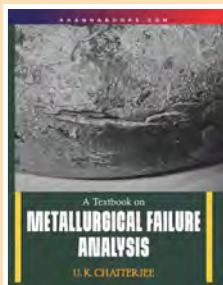
Year: 2021

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

METALLURGICAL ENGINEERING



A TEXTBOOK ON METALLURGICAL FAILURE ANALYSIS

U.K. Chatterjee

ISBN: 9789355387110

Pages: 186

Year: 2025

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

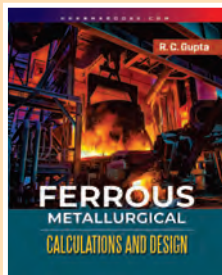
Year: 2024

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: 408

Year: 2025

Edition: First

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

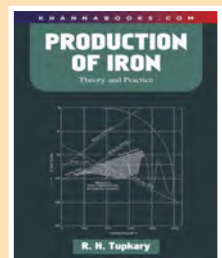
Pages: 270

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
- Group II: Description of Ores
- Part I: Energy Resources for Metallurgical Operations
- Part II: Description of Ores and Minerals



PRODUCTION OF IRON (Theory and Practice)

R. H. Tupkary

ISBN: 9789355380258

Pages: 488

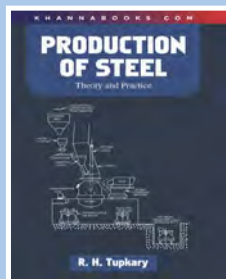
Year: 2026

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 ...

METALLURGICAL ENGINEERING



PRODUCTION OF STEEL

(Theory and Practice)

R. H. Tupkary

ISBN: 9789355380173

Pages: 584

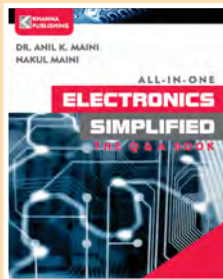
Year: 2026

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

OBJECTIVE TYPE BOOKS



**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;

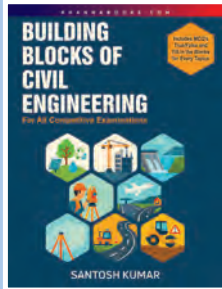
Chapter 19: Operational Amplifiers Application Circuits;

Chapter 20: IC Timers;

Chapter 21: Phase Locked Loops;

...

OBJECTIVE TYPE BOOKS FOR COMPETITION



BUILDING BLOCKS OF CIVIL ENGINEERING (FOR ALL COMPETITIVE EXAMINATIONS)

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



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

AICTE RECOMMENDED

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

ISBN: 9789382609711

Pages: 364

Year: 2016

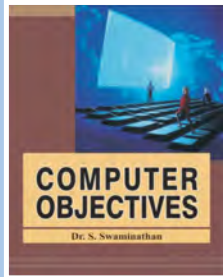
Language: English

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);

...

OBJECTIVE TYPE BOOKS FOR COMPETITION



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;

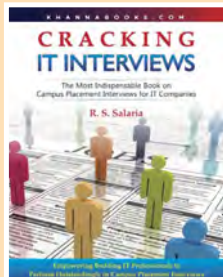
Chapter 14: Matrix Algebra;

Chapter 15: Combinatorics;

Chapter 16: Numerical Analysis;

Chapter 17: Graph Theory;

Chapter 18: Gate Papers with Solutions



CRACKING IT INTERVIEWS

R.S. Salaria

ISBN: 9789382609964

Pages: 288

Year: 2025

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



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:

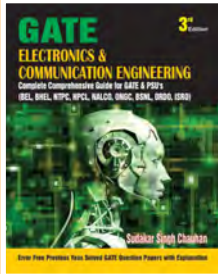
Unit-I: Artificial Intelligence Chapter

Unit-II: Machine Learning

UNIT-III: Deep Learning

UNIT IV: Data Science

OBJECTIVE TYPE BOOKS FOR COMPETITION



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



JAVA/J2EE INTERVIEW QUESTIONS (With Ready Answers)

AICTE RECOMMENDED

Arunesh Goyal

ISBN: 9789381068847

Pages: 240

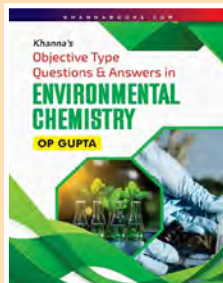
Year: 2013

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

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S OBJECTIVE TYPE QUESTIONS & ANSWERS IN ENVIRONMENTAL CHEMISTRY

OP Gupta

ISBN: 9789374544273

Pages: 220

Year: 2026

Edition: First

Language: English

CONTENTS:

SECTION A

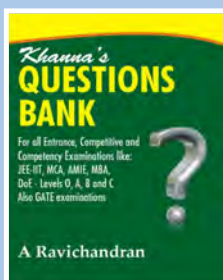
Objective Type Questions

SECTION B

Short Answer Type Questions

SECTION C

Glossary



KHANNA'S QUESTION BANK

A. 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;

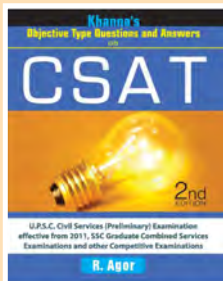
Chapter 18: JAVA Programming;

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 OBJECTIVE TYPE QUESTIONS AND ANSWERS ON CSAT

R. Agor

ISBN: 9789382609483

Pages: 492

Year: 2014

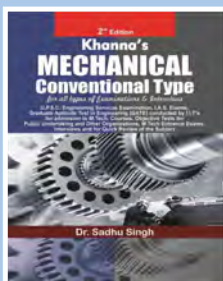
Edition: Second

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);

...



KHANNA'S MECHANICAL CONVENTIONAL TYPE

Sadhu Singh

ISBN: 9789382609612

Pages: 1094

Year: 2015

Edition: Second

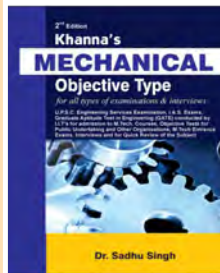
Language: English

CONTENTS:

- Chapter 1:** Mechanical Engineering Paper I – 1992.
- Chapter 2:** Mechanical Engineering Paper I – 1993.
- Chapter 3:** Mechanical Engineering Paper I – 1994.
- Chapter 4:** Mechanical Engineering Paper I – 1995.
- Chapter 5:** Mechanical Engineering Paper I – 1996.
- Chapter 6:** Mechanical Engineering Paper I – 1997.
- Chapter 7:** Mechanical Engineering Paper I – 1998.
- Chapter 8:** Mechanical Engineering Paper I – 1999.
- Chapter 9:** Mechanical Engineering Paper I – 2000.
- Chapter 10:** Mechanical Engineering Paper I – 2001.
- Chapter 11:** Mechanical Engineering Paper I – 2002.
- Chapter 12:** Mechanical Engineering Paper I – 2003.

...

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S MECHANICAL OBJECTIVE TYPE

Sadhu Singh

ISBN: 9789382609605

Pages: 1100

Year: 2015

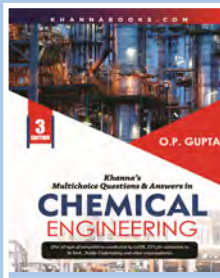
Edition: Second

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;

...



KHANNA'S MULTICHOICE QUESTIONS & ANSWERS IN CHEMICAL ENGINEERING

O.P. Gupta

ISBN: 9789355384386

Pages: 1100

Year: 2025

Edition: Third

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 2025



KHANNA'S MULTICHOICE QUESTIONS & ANSWERS IN ENVIRONMENTAL ENGINEERING

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789391505073

Pages: 582

Year: 2021

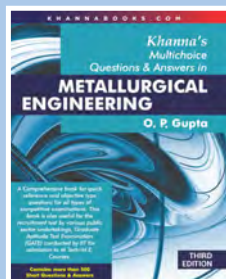
Language: English

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;

...

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S MULTICHOICE QUESTIONS & ANSWERS IN METALLURGICAL ENGINEERING

AICTE RECOMMENDED

O.P. Gupta

ISBN: 9789386173119

Pages: 1080

Year: 2023

Edition: Third

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;

...

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

Chapter 1: General Metallurgy;

Chapter 2: Mineral Dressing;

Chapter 3: Iron Making;

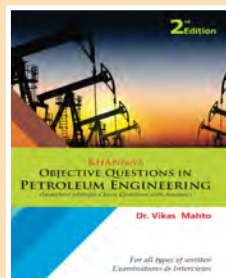
Chapter 4: Steel Making;

Chapter 5: Extractive Metallurgy (Non-Ferrous);

Chapter 6: Mechanical Metallurgy;

Chapter 7: Physical Metallurgy;

...



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;

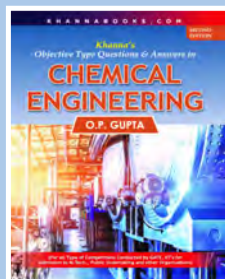
Chapter 9: Health safety and Environment in petroleum Industries;

Chapter 10: Enhanced Oil Recovery Techniques;

Chapter 11: Unconventional Hydrocarbon Resources;

Chapter 12: Hints and Solutions

OBJECTIVE TYPE BOOKS FOR COMPETITION



KHANNA'S OBJECTIVE TYPE QUESTIONS AND ANSWERS IN CHEMICAL ENGINEERING

O.P. Gupta

ISBN: 9788195123193

Pages: 396

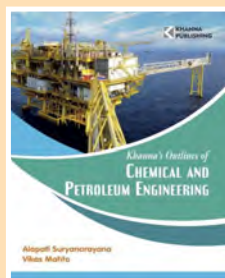
Year: 2023

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;

...



KHANNA'S OUTLINES OF CHEMICAL & PETROLEUM ENGINEERING

AICTE RECOMMENDED

Suryanaryana, Vikas Mahto

ISBN: 9789386173195

Pages: 672

Year: 2018

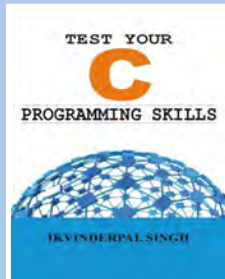
Language: English

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;

...

OBJECTIVE TYPE BOOKS FOR COMPETITION



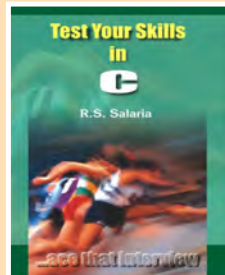
TEST YOUR C PROGRAMMING SKILLS

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;

...

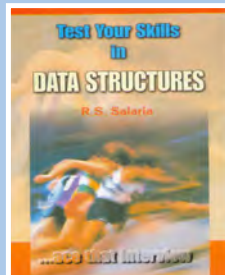


TEST YOUR SKILLS IN C

R.S. Salaria
ISBN: 9788187325499
Pages: 304
Year: 2016
Language: English

CONTENTS:

Some Useful Tips;
Chapter 1: Multiple Choice Type questions;
Chapter 2: True-false type questions;
Chapter 3: Fill-In The Blanks Type Questions;
Chapter 4: Short answer type questions

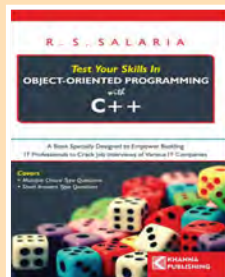


TEST YOUR SKILLS IN DATA STRUCTURES

R.S. Salaria
ISBN: 9788187325475
Pages: 268
Year: 2016
Language: English

CONTENTS:

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



TEST YOUR SKILLS IN OBJECT ORIENTED PROGRAMMING WITH C++

R.S. Salaria
ISBN: 9789382609872
Pages: 340
Year: 2016
Language: English

CONTENTS:

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 **(WITH C#.NET AND VB.NET)**

WebTech Sol.

ISBN: 9788190645140

Pages: 496

Year: 2008

Language: English

CONTENTS:

Chapter 1: Project Finance Management;

Chapter 2: Online Examination;

Chapter 3: Tax Saving System;

Chapter 4: Guest Book Entry;

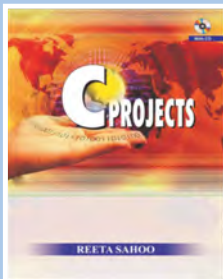
Chapter 5: File Manager;

Chapter 6: Banking Transaction;

Chapter 7: Inventory Management System;

Chapter 8: World of Recipe;

Chapter 9: Online 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;

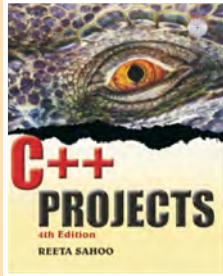
Chapter 10: Bricks Game;

Chapter 11: Charts and Graphs;

Chapter 12: Graphics Demo;

Chapter 13: Utility Services

PROJECT BOOKS



C++ PROJECTS

Reeta Sahoo

ISBN: 9788190645188

Pages: 628

Year: 2013

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;

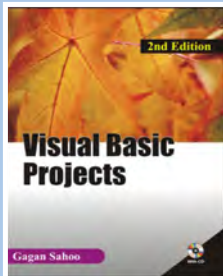
Chapter 10: Paint Brush;

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 & COSMOLOGY



THE TRUTH OF THE ORIGIN OF THE UNIVERSE

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

Sabrie Soloman

ISBN: 9789355382023

Pages: 1606

Year: 2025

Language: English

CONTENTS:

- 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
- 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
- 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
- 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

...

SCIENCE AND COSMOLOGY



THE TRUTH OF THE ORIGIN OF THE UNIVERSE VOLUME-I

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

Sabrie Soloman

ISBN: 9789355387745

Pages: 314

Year: 2024

Language: English

CONTENTS:

- Chapter 1:** The Universe;
- Chapter 2:** The Evolution of The “Big Bang”;
- 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 VOLUME-V

**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 Creation;
- Chapter 31:** The Beginning and the Ending of the Universe;
- Chapter 32:** Will Robots Inherit the Earth?



THE TRUTH OF THE ORIGIN OF THE UNIVERSE VOLUME-II

**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 VOLUME-IV

**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 VOLUME-III

**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

TEXTILES AND GARMENT TECHNOLOGY



QUALITY MANAGEMENT IN GARMENT INDUSTRY

B. Purushothama

ISBN: 9789355388230

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



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

Khanna Publishing House is pleased to present a curated range of high-quality textbooks developed in alignment with the **National Education Policy (NEP) 2020**, which emphasizes imparting education in the mother tongue to enhance creativity and critical thinking among students.

All India Council for Technical Education (AICTE) has initiated a Technical Book Writing Scheme for both Undergraduate and Diploma levels across five major disciplines:

Computer Science & Engineering, Electrical Engineering, Mechanical Engineering, Electronics & Communication Engineering, and Civil Engineering.

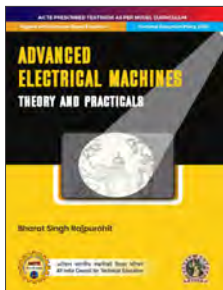
Eminent authors from leading institutions were identified to develop original content in English. Subsequently, experienced translators and reviewers from technical universities across India contributed to translating these books into **12 regional languages**:

Hindi, Tamil, Gujarati, Kannada, Marathi, Bengali, Telugu, Punjabi, Odia, Assamese, Malayalam, and Urdu.

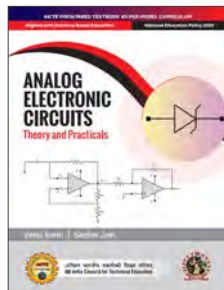
Key Features of AICTE Prescribed Books

- Content is aligned with **Course Outcomes (COs), Program Outcomes (POs), and Unit Outcomes**
- **Learning outcomes are clearly stated at the beginning of each unit**
- Includes **latest information, interesting facts, and QR codes** for additional resources, ICT tools, projects, and group discussions
- Designed with a balanced and student- & teacher-centric approach in a logical sequence
- Rich use of **figures, tables, and software screenshots** to enhance conceptual clarity

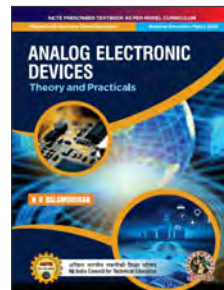
UNDER GRADUATE TITLES



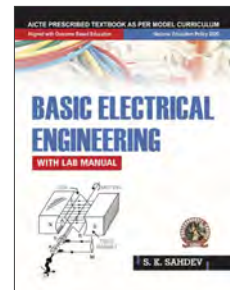
Refer Page No. [163](#)



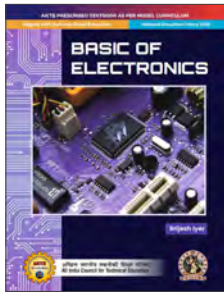
Refer Page No. [164](#)



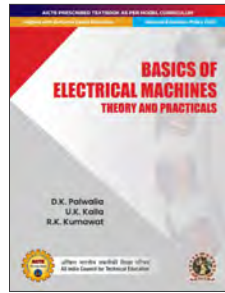
Refer Page No. [164](#)



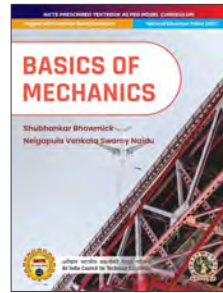
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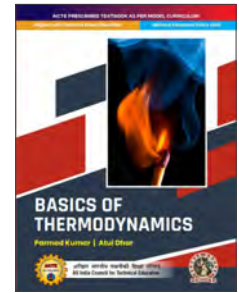
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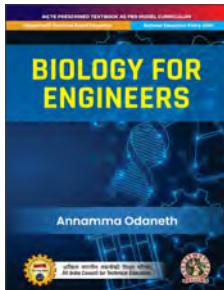
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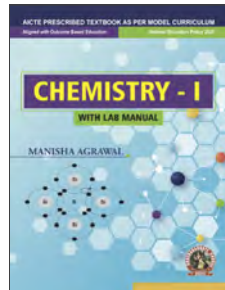
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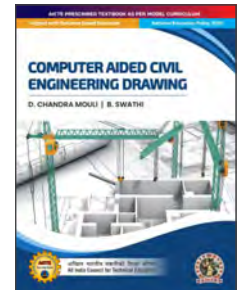
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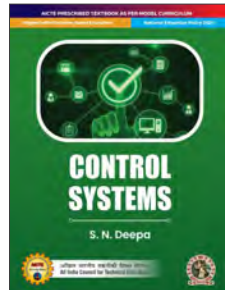
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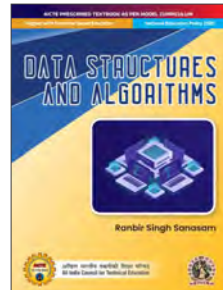
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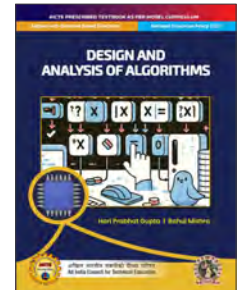
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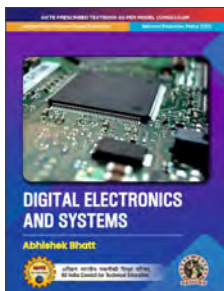
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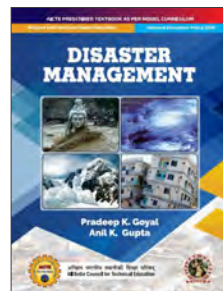
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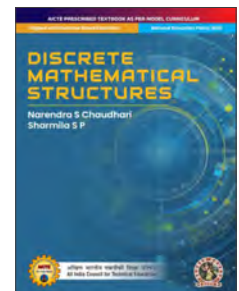
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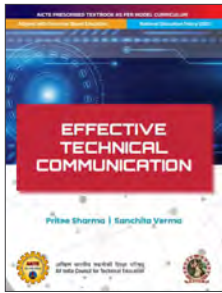
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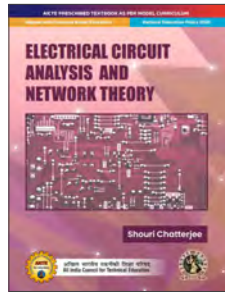
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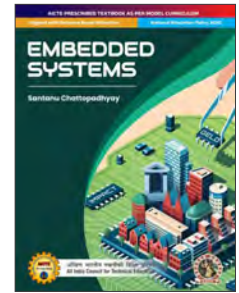
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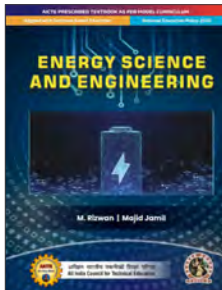
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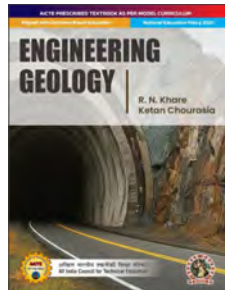
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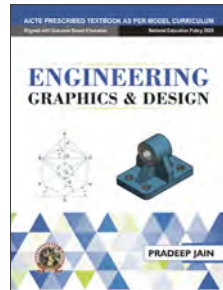
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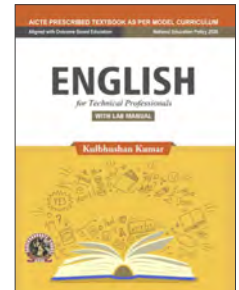
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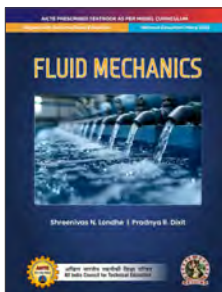
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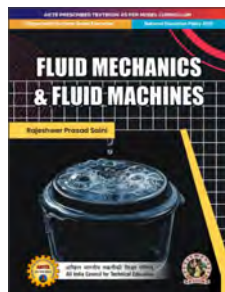
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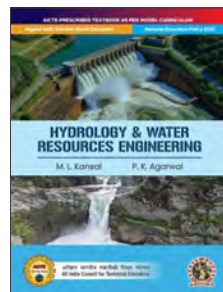
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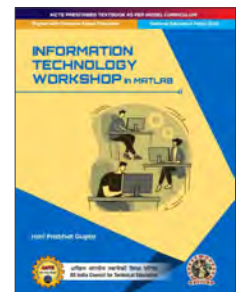
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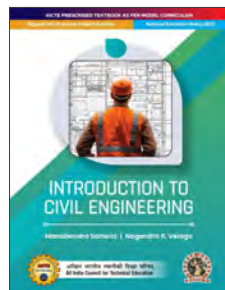
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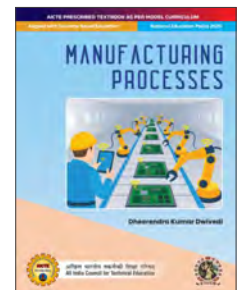
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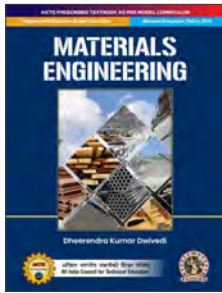
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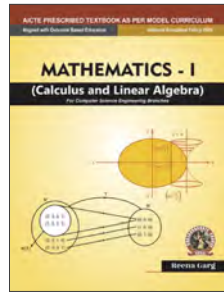
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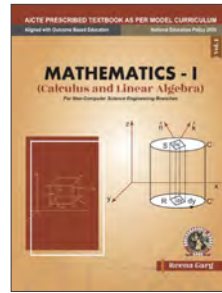
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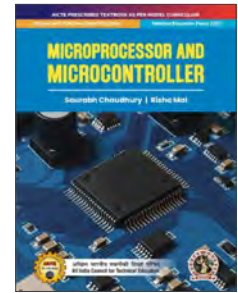
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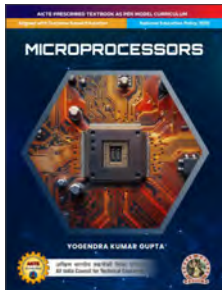
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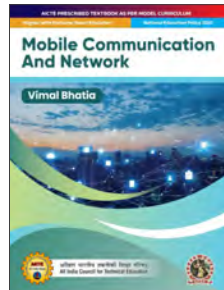
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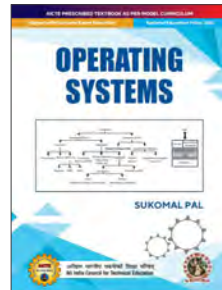
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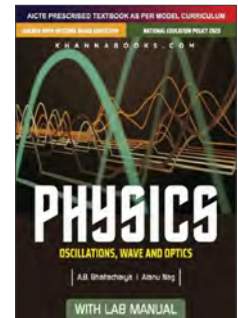
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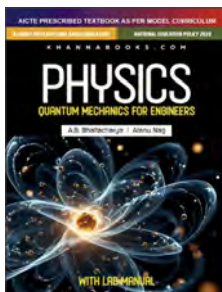
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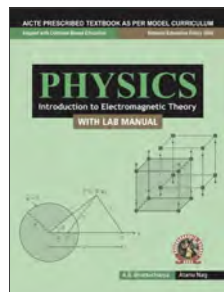
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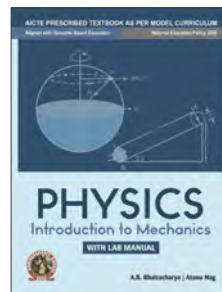
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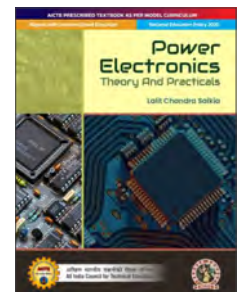
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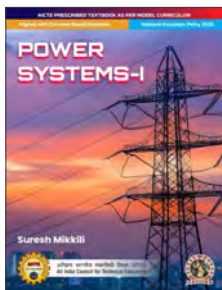
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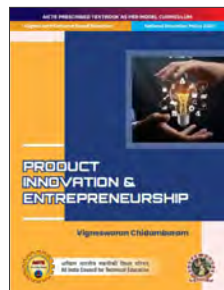
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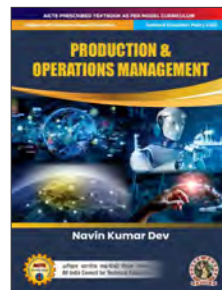
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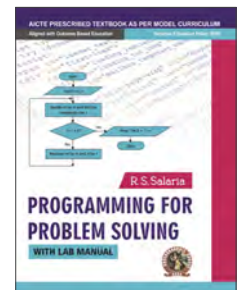
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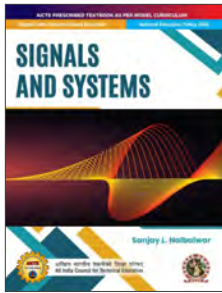
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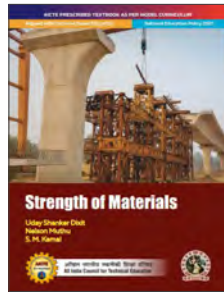
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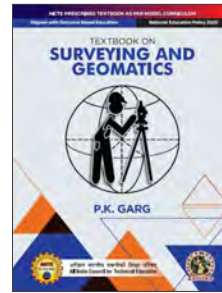
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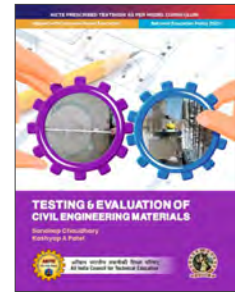
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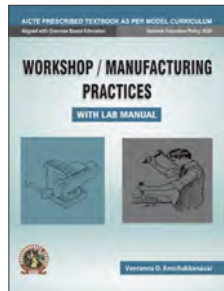
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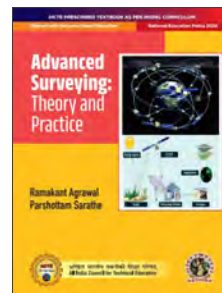
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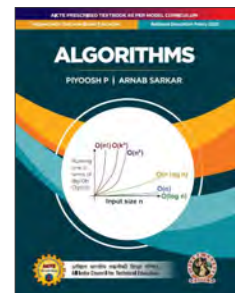
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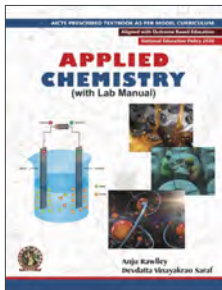
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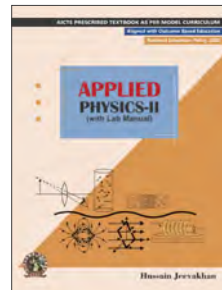
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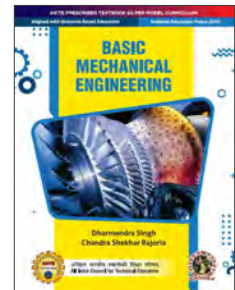
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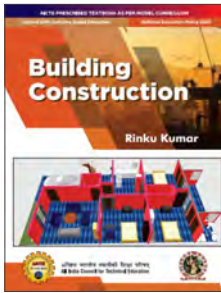
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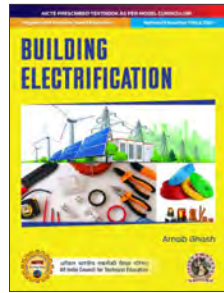
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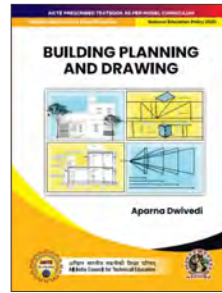
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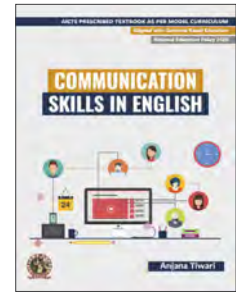
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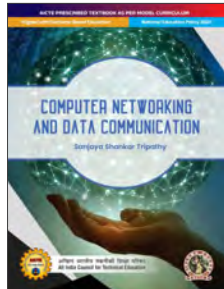
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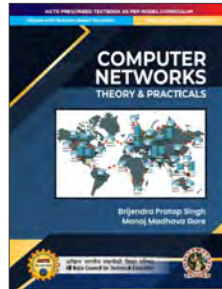
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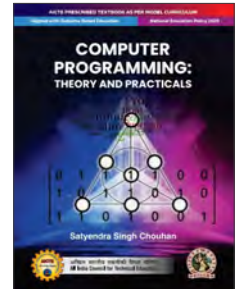
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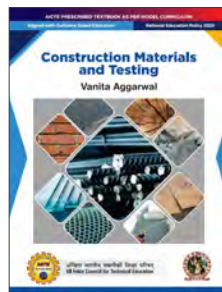
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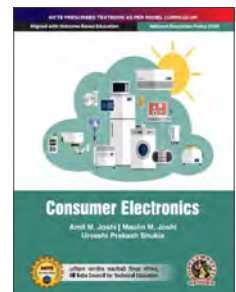
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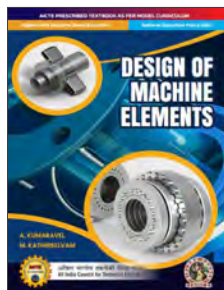
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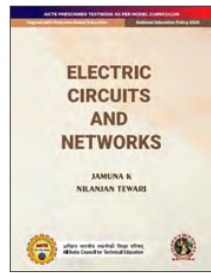
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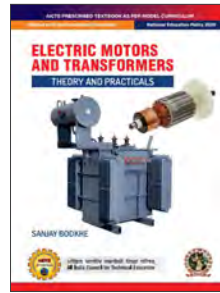
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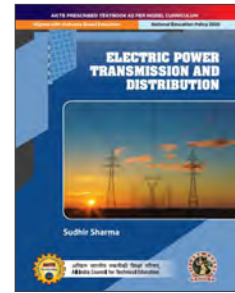
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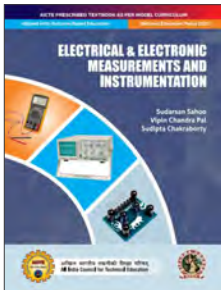
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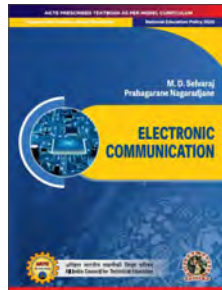
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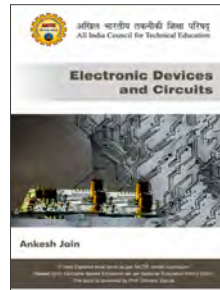
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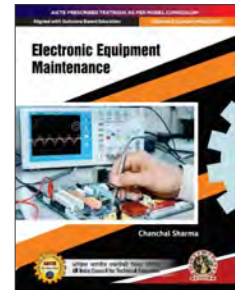
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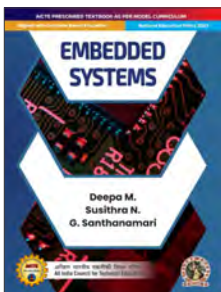
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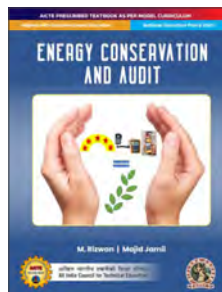
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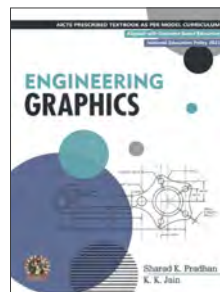
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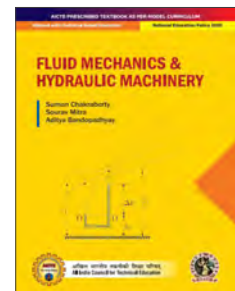
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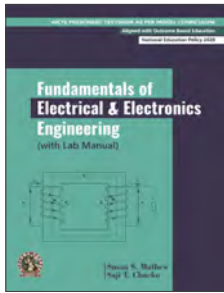
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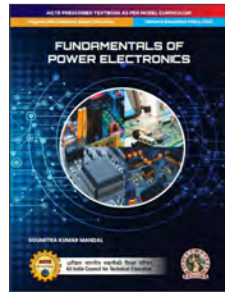
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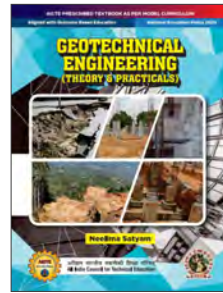
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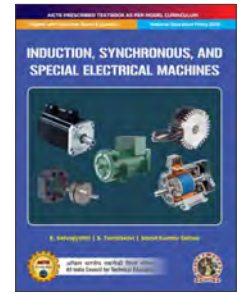
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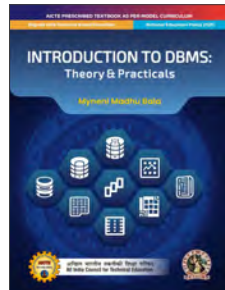
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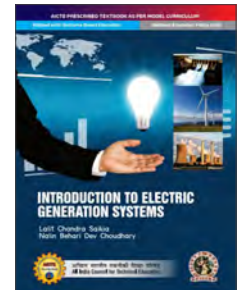
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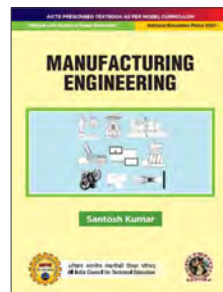
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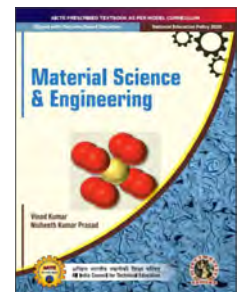
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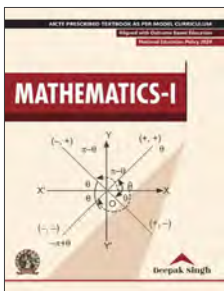
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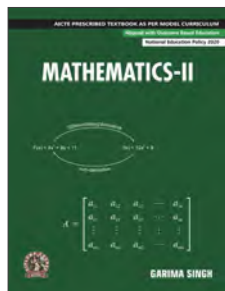
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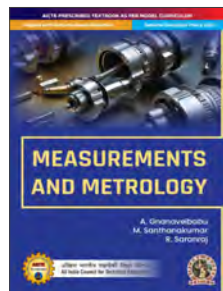
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INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) TITLES

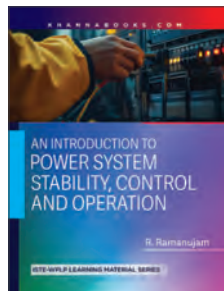
Indian Society for Technical Education (ISTE) is a premier national, non-profit organization dedicated to the advancement of technical education in India. With its core mission of **career development of teachers, personality development of students, and overall enhancement of the technical education system**, ISTE plays a pivotal role in shaping engineering education across the country.

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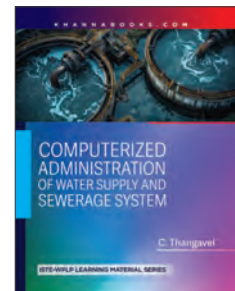
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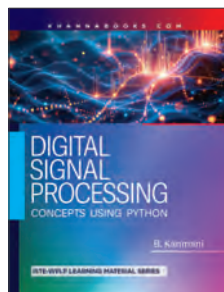
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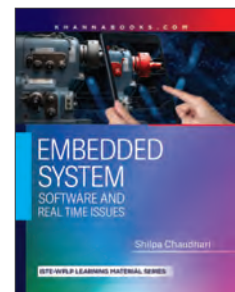
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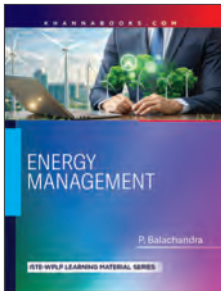
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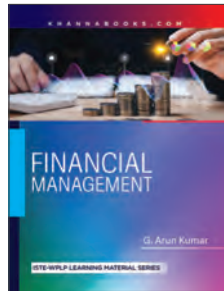
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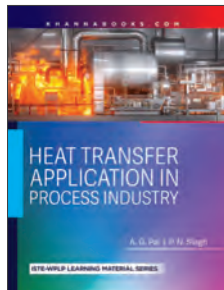
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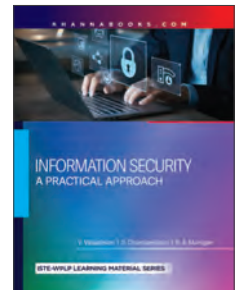
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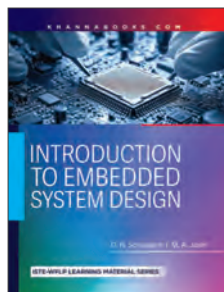
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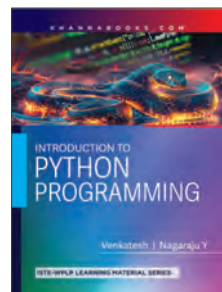
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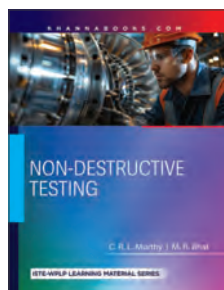
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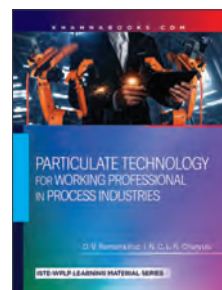
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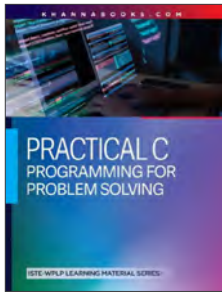
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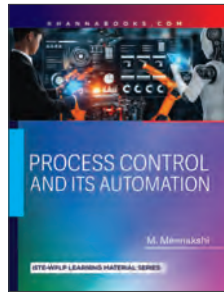
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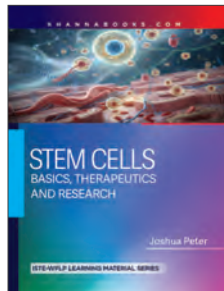
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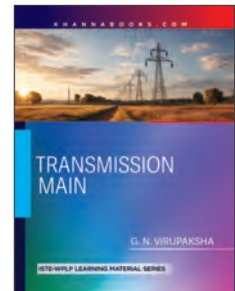
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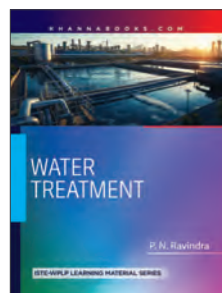
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SATHYABAMA TITLES

Sathyabama Institute of Science and Technology, is a prestigious private, research-driven, STEM-intensive, multidisciplinary deemed university located in Chennai, Tamil Nadu, India. Renowned for its commitment to academic excellence, innovation, and industry-oriented education, the institution has consistently contributed to the advancement of technical and higher education.

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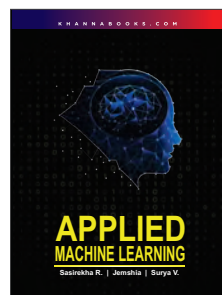
The textbooks are thoughtfully designed to support outcome-based education, seamlessly integrating fundamental concepts with practical applications, thereby enabling students to develop strong analytical skills and real-world problem-solving abilities.



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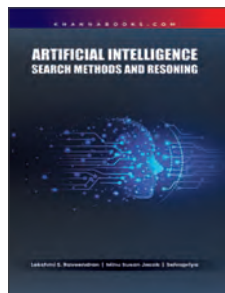
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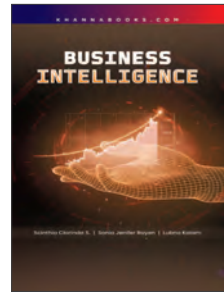
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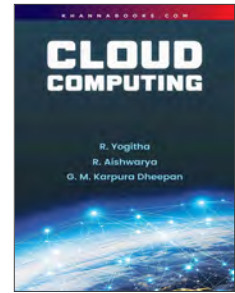
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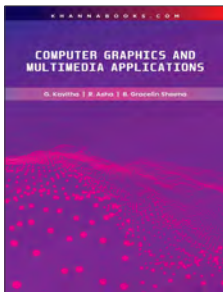
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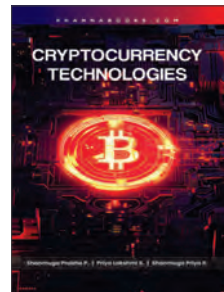
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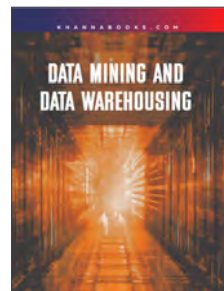
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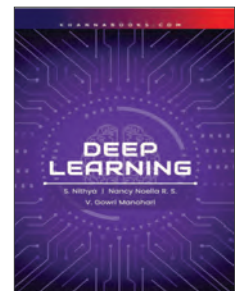
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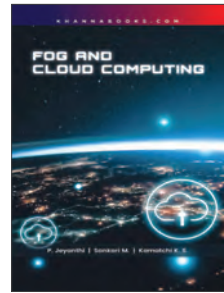
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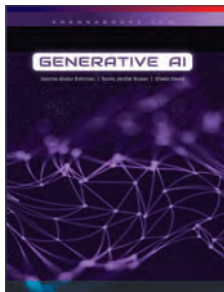
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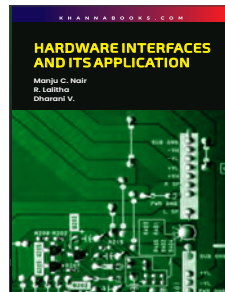
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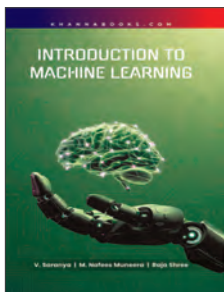
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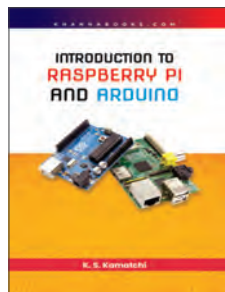
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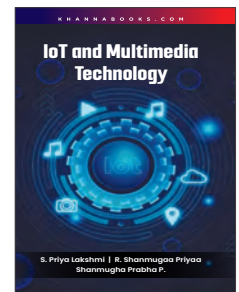
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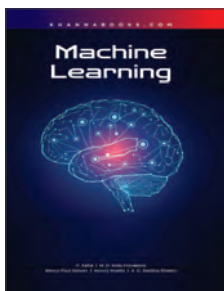
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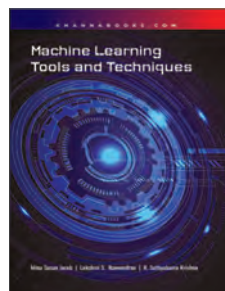
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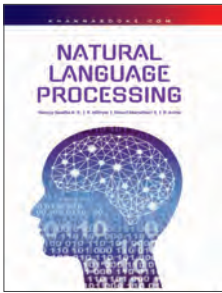
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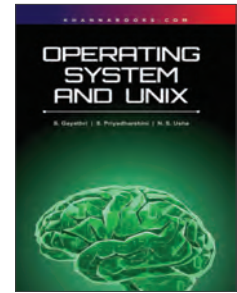
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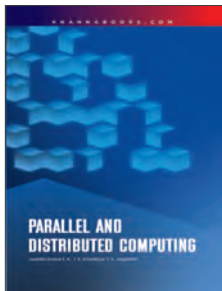
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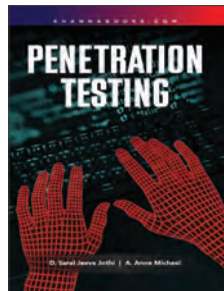
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