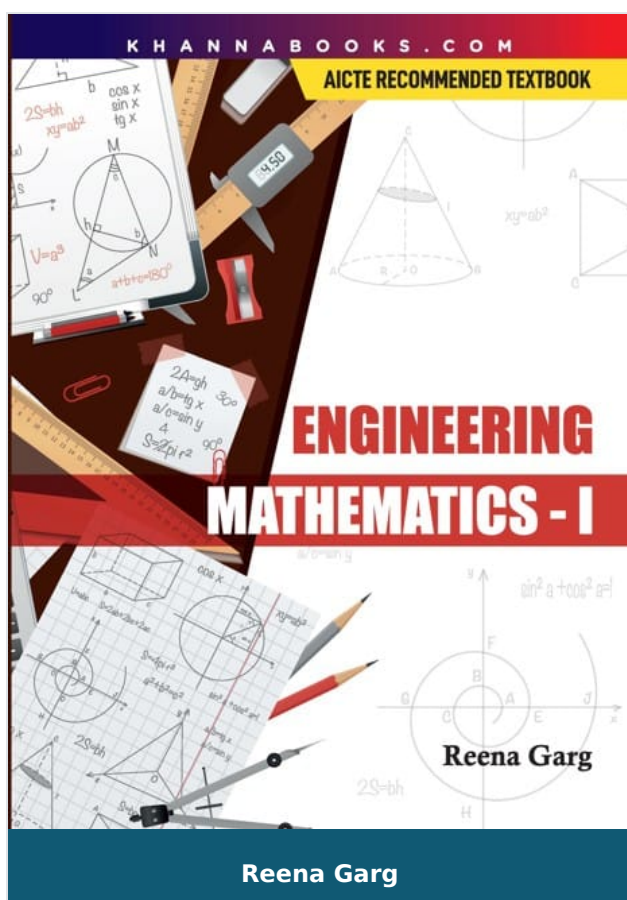




Engineering Mathematics-I

Author :	Reena Garg
ISBN 13 :	978-93-82609-55-1
ISBN 10 :	9382609555
E-ISBN 13 :	978-93-82609-55-1
Edition :	First
Pages :	656
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 465.00
Categories :	University Recommended, Applied science & Humanities, Book Store, Best Sellers, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

This book is designed to meet the complete requirements of Engineering Mathematics course of undergraduate syllabus, The book consists of seven chapters viz. infinite Series, Matrices, Expansion of Functions, Asymptotes, Curvature, Partial Differentiation, Multiple Integrals, Each chapter is treated in systematic, logical and lucid manner, All these chapters are independent units in themselves. The students can go through the book picking up any chapter at any given times, without referring to other chapters, Hints, where ever necessary and answers of the questions in the exercises are given at the end of each exercise, Most of the questions-solved as well as unsolved-have been picked up from the examination papers of different universities and professional examinations, There are fully worked out examples and graded exercises (with answers) aimed at preparing the student for examination as well as higher studies, The authors have illustrated various methods to solve particular problems.

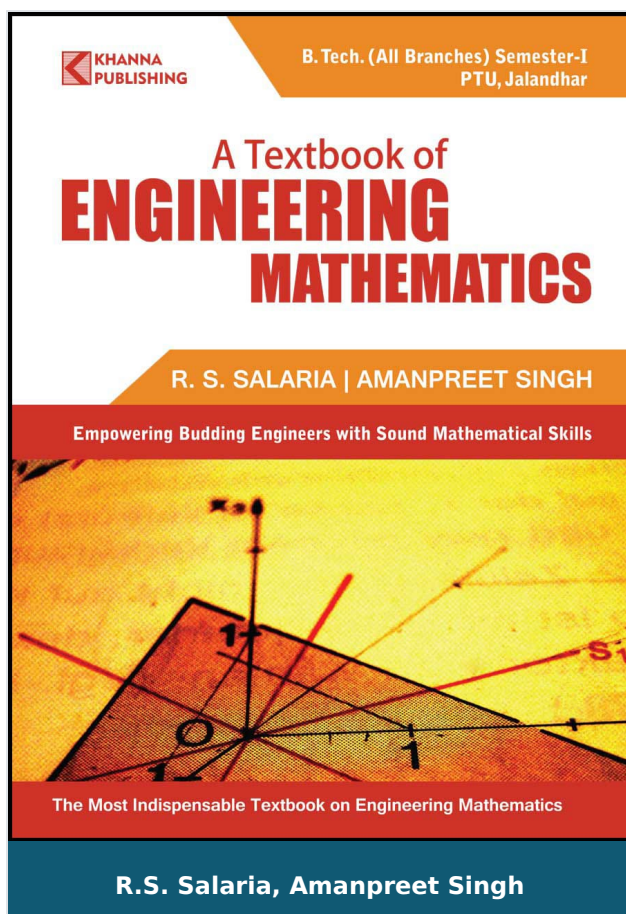
Table Of Contents

- Infinite Series
- Matrices
- Expansion of Functions
- Asymptotes
- Curvature
- Partial Differentiation
- Double and Triple Integrations

Author

Reena Garg

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this book more valuable for the knowledge seekers. She has published more than 10 research papers in various International Journals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.



A Textbook of Engineering Mathematics (PTU-I)

Author : R.S. Salaria, Amanpreet Singh

ISBN 13 : 978-93-82609-98-8

ISBN 10 : 9382609989

E-ISBN 13 : 978-93-82609-98-8

Edition : 1

Pages : 518

Type of book : Physical

Year : 2016

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 350.00

Categories : [Applied science & Humanities, Book Store, Applied Sciences & Humanities](#)

Condition Type : New

Country Origin : India

Product Description

The subject of Engineering Mathematics is an integral part of the course curriculum of Bachelor of Engineering/Technology (BE/B. Tech) program of all Indian Universities. The present state of teaching and learning of Mathematics is not that encouraging. A lot has to be done on both the Fronts.

The book in your hand is a first step of our commitment to uplift the standard of teaching and learning of Mathematics. We assure you that in our continuous journey in this endeavor and with your whole hearted support, we hope to make significant contribution in the teaching and learning of Mathematics We hope to see that day when we hear from our student that Mathematics is a wonderful subject and you all are relishing it.

This book is designed to serve as a textbook for the students of B. Tech. (All Branches) Semester-I of Punjab Technical University, Jalandhar

While writing, due care is taken to present the subject matter in a simple and illustrative manner so that a reader can grasp it with quite ease and can built basic and conceptual knowledge in the subject

Table Of Contents

- Useful Formulae, Theorems and Results
- Differential Calculus
- Partial Derivatives
- Applications of Partial Differentiation
- Integral Calculus
- Introduction to Three Dimensional Geometry
- Multiple Integrals
- Vector Calculus
- Applications of Vector Calculus

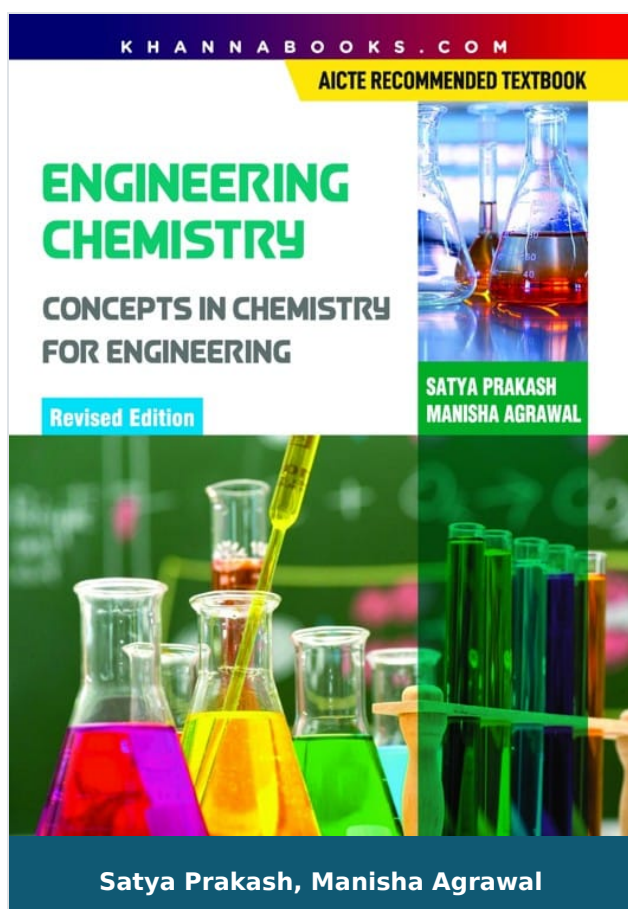
Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>

Amanpreet Singh

Amanpreet Singh Amanpreet Singh SGTB Khalsa College, Anandpur Sahib, Formerly with Rayat-Bahra Institute of Engineering& Nano Technology, Hoshiarpur.



Engineering Chemistry

Author :	Satya Prakash, Manisha Agrawal
ISBN 13 :	978-93-80016-75-7
ISBN 10 :	9380016751
E-ISBN 13 :	978-93-80016-75-7
Edition :	Revised
Pages :	240
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 399.00
Categories :	University Recommended, Applied science & Humanities, Book Store, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

The book has been written in simple language to help self study. The concepts have been explained with the help of equations and diagrams. The diagrams have been nicely labeled for clear understanding. Numerical examples have been solved with systematic steps. Solved and unsolved problems have been included. Experiments prescribed for engineering chemistry course have been included. theory and principle of each experiment have been explained in detail. Experimental producers have been written in an step wise manner. Viva voice has been discussed at the end of each experiment. Important points have been emboldened.

Table Of Contents

- Atomic and Molecular Structure
- Spectroscopic Techniques and Applications
- Intramolecular Forces and Potential Energy Surfaces
- Use of Free Energy in Chemical Equilibria
- Periodic Properties
- Stereochemistry and Organic Reactions
- Objectives
- Index

Author

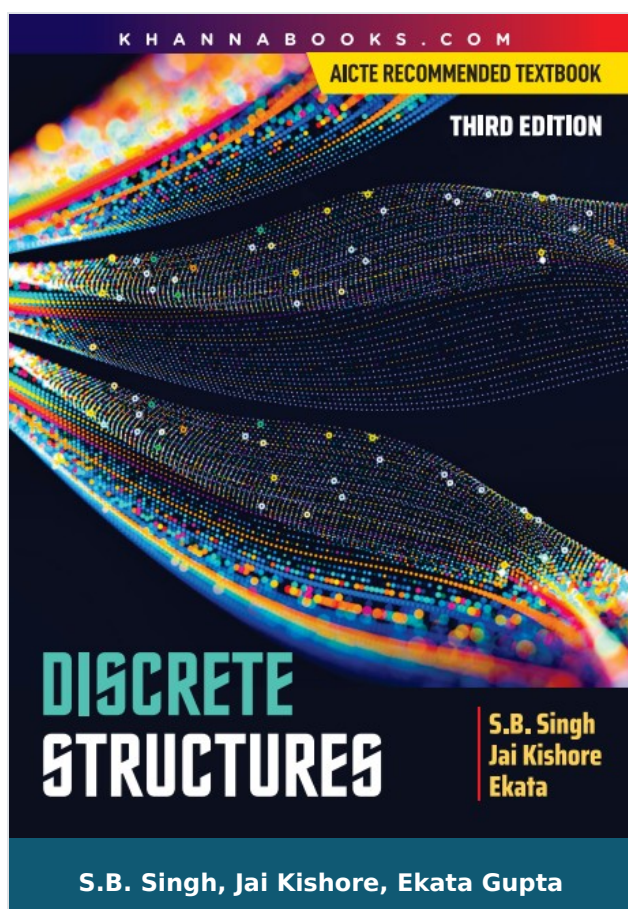
Satya Prakash

Satya Prakash is presently professor of Chemistry at Guru Teg Bahadur Institute of Technology, GGSIP University, New Delhi. He has earlier been associated with teaching and research work at Delhi University, University of Jodhpur, University of New South Wales, Sydney (Australia), La Trobe University, Melbourne (Australia) and University of Zambia, Zambia for about 40 years. Dr. Prakash has published about 25 research papers in National and International Journals of repute. He has also vetted and edited a number of books published by the Ministry of HRD, Government of India."

Manisha Agrawal

Manisha Agrawal Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanand Technical University Bhilai. Professor and head, Department of Chemistry at Rungta College of Engineering & Technology, Bhilai, (C.G.). She completed Ph. D. from Pt. Ravishankar Shukla University, Raipur in 1999. Since then she has been engaged in teaching and research. Dr. Manisha has authored several papers which have been

published in SCI indexed International and National journals. She has organised more than 10 Conferences and workshops as convener among them four were International Conferences. She has credited five books as author, three patents as inventor and applicant and six Research Project Grants as Principal Investigator from Government Funding agencies like AICTE, CCOST and CSVTU. She has supervised 5 M. Phil. Students, 12 BE and Diploma students. Presently 6 research scholars are perusing Ph. D. under her supervision.



Discrete Structures

Author :	S.B. Singh, Jai Kishore, Ekata Gupta
ISBN 13 :	978-93-82609-40-7
ISBN 10 :	9382609407
E-ISBN 13 :	978-93-82609-40-7
Edition :	3
Pages :	680
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 745.00
Categories :	University Recommended , Applied science & Humanities , Book Store , Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Khanna Publishing House

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

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

Product Description

Extremely well organized and lucidly written book with an approach to explain the concepts in communicable languages. Suitable text book for the students of BCA, B. Tech., M.C.A., M.Sc., M Tech., etc.

Each Chapter follows Objective type problems. Around 500 objective type problems (235) Multiple choice questions, 130 Fill in the blanks type, 135 True/False type with their answers to help Students understand very concept.

Around 800 problems of various level of difficulty in exercises to review the understanding and testing the skills of the students after every section.

Around 140 theorems to give better understanding and insights of the concepts.

Topics are followed by figures and tables. In total more than 400 figures and 140 tables are taken to back the understanding of topics.

Chapter includes: Combinatorics, Set Theory, Relations Functions, Group Theory, Rings and Fields, Logic, Lattices, Boolean Algebra, Graph Theory, Automata.

Table Of Contents

- Combinatorics
- Set Theory
- Relations
- Functions
- Groups
- Rings & Fields
- Logic
- Lattices
- Boolean Algebra
- Graph Theory
- Automata
- Appendix
- Bibliography
- Index

Author

S.B. Singh

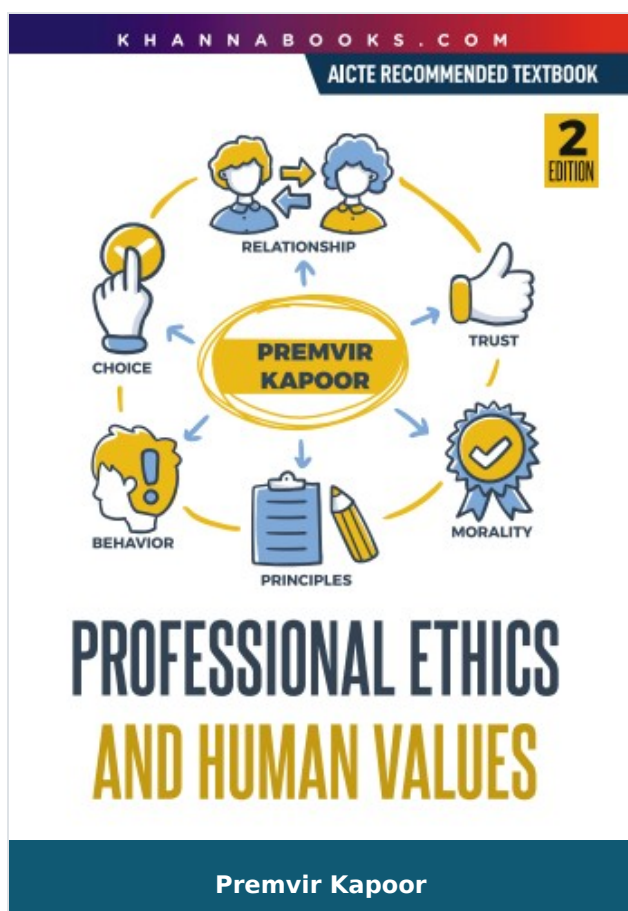
Dr. S.B. Singh is an Associate Professor in the Deptt. Of Mathematics Statistics and Computer Sc., G.B. Pant University of Agri. & Tech., Pantnagar. He has around thirteen years of teaching experience at different Engineering Colleges and University. He has authored and co-authored seven more books. he has been conferred with four national awards.

Jai Kishore

Jai Kishore Dr. Jai Kishore is an Assistant professor in the Deptt. of Mathematics, Indraprastha Engg. College Ghaziabad. He has more than 8 Years of teaching experience in different Engg. colleges. He has authored and co-authored four more books.

Ekata Gupta

Ekata Gupta Dr. Ekata is an Assistant Professor at Deptt. of Mathematics, Krishna Institute of Engg. & Tech. Ghaziabad. She has more than fifteen years of teaching experience in different Engg. Colleges.



Professional Ethics and Human Values

Author :	Premvir Kapoor
ISBN 13 :	978-93-55387-05-9
ISBN 10 :	9355387059
E-ISBN 13 :	978-93-55387-05-9
Edition :	2
Pages :	232
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	University Recommended, Applied science & Humanities, Book Store, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

The book explain the concept of Business Ethics and Human Values in proper Perspective and shall make the readers realise the important of value and ethics in business and provide them a framework to take ethical decisions by following a life of values a person develop certain fine qualities hope honesty, courage, confidence, maturity, helpfulness and achieve aspiration dream by using the right way of thinking and doing.

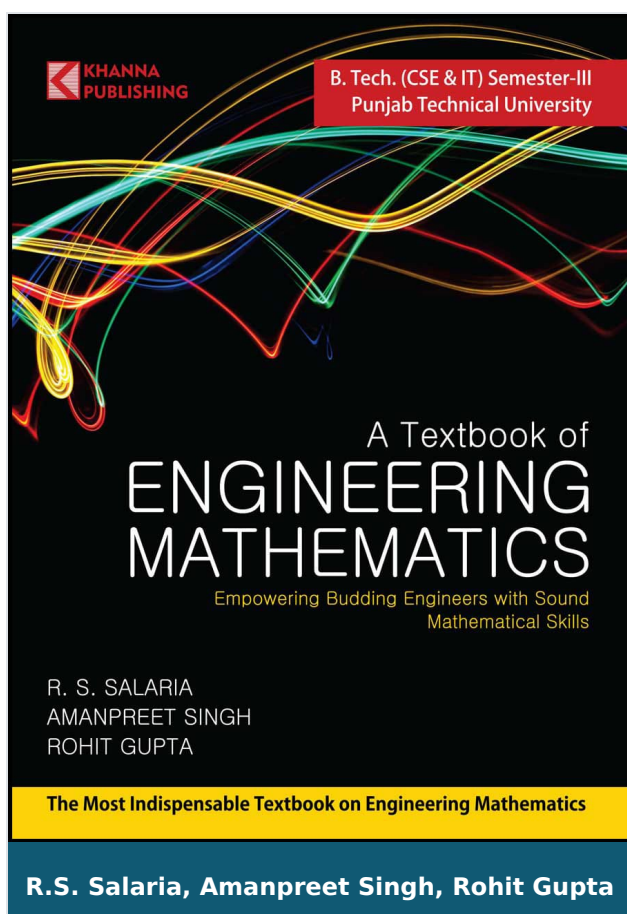
Table Of Contents

- 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

Author

Premvir Kapoor

Dr. Premvir Kapoor BBM(BHU), MBA(Podar Institute of Management), LLB Delhi, Ph.D(Meerut University), Diploma in Training and Development, ISTD New Delhi, Diploma in Corporate Laws and Secretarial Practice(Indian Law institute New Delhi). He has worked s Director in Sri Ram Institute of Management and IIMT Institute of Management, Greater Noida and Professor of Human Resource Management at IMS Ghaziabad and Lingaya University Faridabad. He has been associated with some of the leading Institutes of Company Secretaries of India, Institute of Marketing management, Western U.P Productional Council. He is a member of Indian Law Institute, New Delhi. He has been visiting faculty at various prestigious business schools.



A Textbook of Engineering Mathematics

Author : R.S. Salaria, Amanpreet Singh,
Rohit Gupta

ISBN 13 : 978-93-82609-99-5

ISBN 10 : 9382609997

E-ISBN 13 : 978-93-82609-99-5

Edition : 1

Pages : 430

Type of book : Physical

Year : 2016

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 295.00

Categories : [Applied science & Humanities,](#)
[Book Store, Applied Sciences &](#)
[Humanities](#)

Condition Type : New

Country Origin : India

Product Description

The subject of Engineering Mathematics is an integral part of the course curriculum of Bachelor of Engineering/Technology (BE/B. Tech) program of all Indian Universities. and is taught in first and/or second semester (s). The present state of teaching and learning of Mathematics is not that encouraging. A lot has to be done on both the fronts.

The book in your hand is a first step of our commitment to uplift the standard of teaching and learning of Mathematics. We assure you that in our continuous journey in this endeavor and with your wholehearted support. We hope to make significant contribution in the teaching and learning of Mathematics. We hope to see that day when we hear from our students that Mathematics is a wonderful subject and you all are relishing it.

This book is designed to serve as a textbook for the students of B. Tech.(CSE & IT) Semester-III of Punjab Technical University, Jalandhar.

While writing, Due care is taken to present the subject matter in a simple and illustrative manner so that a reader can grasp it with quite ease and can built basic and conceptual knowledge in the subject.

Table Of Contents

- Useful Formulae, Theorems and Results
- Fourier Series
- Laplace Transformations
- Partial Differential Equations
- Functions of Complex Variables
- Linear Systems and Eigen-Values
- Numerical Solution of Ordinary Differential Equations
- Probability Distributions
- Sampling Distribution and Testing of Hypothesis

Author

R.S. Salaria

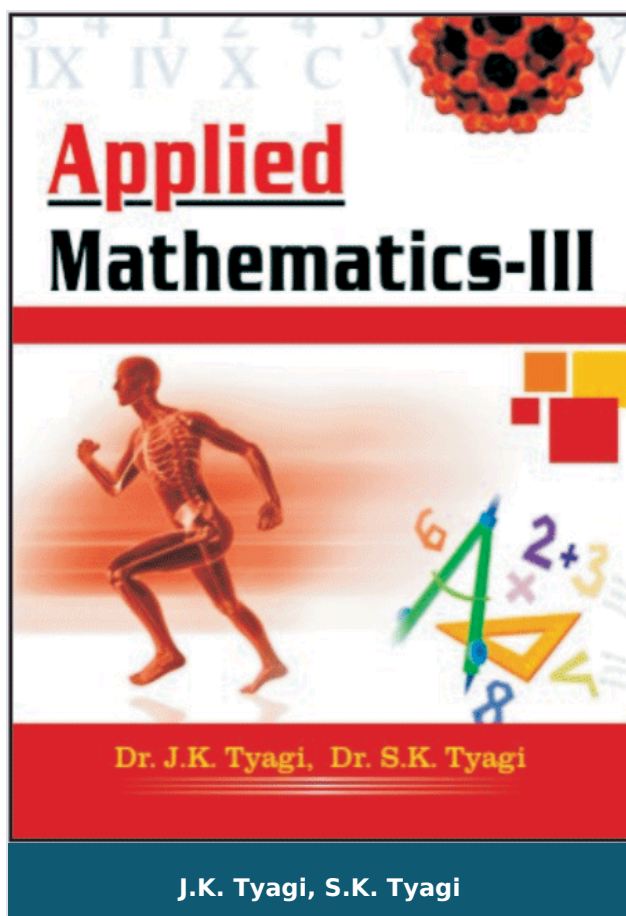
Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>

Amanpreet Singh

Amanpreet Singh Amanpreet Singh SGTB Khalsa College, Anandpur Sahib, Formerly with Rayat-Bahra Institute of Engineering& Nano Technology, Hoshiarpur.

Rohit Gupta

Rohit Gupta Formerly With Department of applied Sciences Rayat-Bahra College of Engineering and Nano-Technology for Women, Hoshiarpur



Applied Mathematics-III

Author : J.K. Tyagi, S.K. Tyagi

ISBN 13 : 978-93-80016-23-8

ISBN 10 : 9380016239

E-ISBN 13 : 978-93-80016-23-8

Edition : 1

Pages : 288

Type of book : Physical

Year : 2012

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 210.00

Categories : [Applied science & Humanities,](#)
[Book Store, Applied Sciences &](#)
[Humanities](#)

Condition Type : New

Country Origin : India

Product Description

The language is very simple and easily understandable. The approach is to communicate the practical aspects of mathematics in a way that drives out the common fear of learning any mathematical subject. A large number of solved and unsolved problems have been included. Topics are followed by figures and tables. The notations and terminology have been clearly explained wherever desirable. In each chapter, all concepts and definitions have been discussed in details with suitable examples.

Table Of Contents

- Partial Differently Equations
- Fourier Series
- Laplace Transformation
- Linear Programming

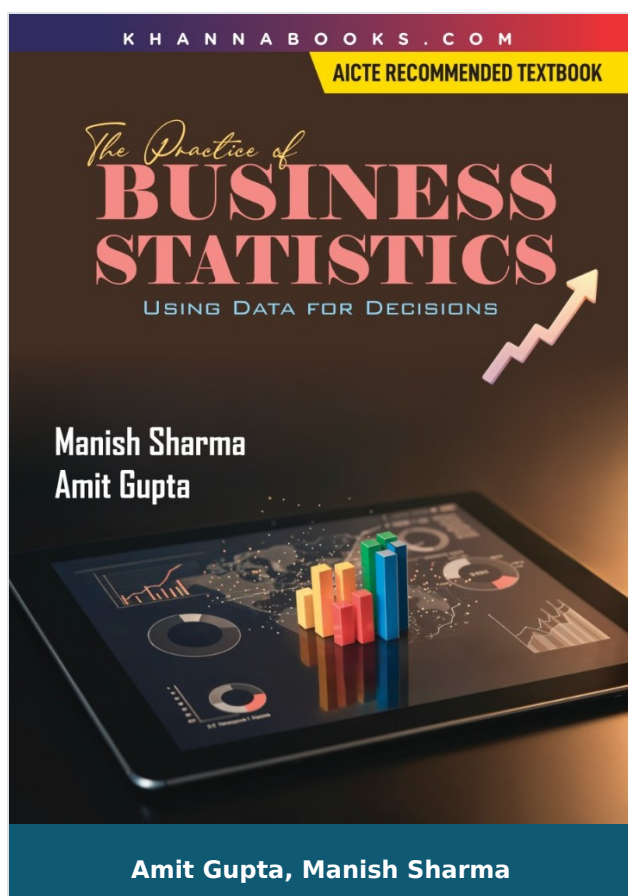
Author

J.K. Tyagi

Dr. J.K. Tyagi is Professor and head department of Applied Science, Maharaja Agarsain Institute of Technology Ghaziabad (U.P.)

S.K. Tyagi

Dr. S.K. Tyagi is Senior Lecturer, Amity School of Engineering and Technology , Amity University, Noida (U.P.)



The Practice of Business Statistics

Author :	Amit Gupta, Manish Sharma
ISBN 13 :	978-93-80016-51-1
ISBN 10 :	9380016514
E-ISBN 13 :	978-93-80016-51-1
Edition :	1
Pages :	840
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 650.00
Categories :	Applied science & Humanities, Book Store, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

Easy to read & write style, Adequate example and problems based on real-life business situations, Every chapter is supported with multiple choice questions, Theoretical questions and numerical for better practice, Explanation of import concepts through various worked-out examples, The book is presented with an approach to explain the graphs have been drawn which enable students to grasp the subject in an easy way, Systematic and sequential arrangement of different topics, Rich pedagogy.

Table Of Contents

- Introduction, Meaning, Definition and Scope
- Collection of Data
- Organising Data: Classification and Tabulation
- Presentation of Data: Diagrammatic
- Presentation of Data: Graphic
- Measures of Central Tendency
- Measures of Dispersion (Variation)
- Skewness, Moments and Kurtosis
- Index Numbers
- Correlation Analysis
- Regression Analysis
- Time Series Analysis and Forecasting
- Probability and Mathematical Expectation
- Probability Theoretical Distributions
- Sampling Distributions and Estimation
- Test of Hypothesis
- CHI-Square Test
- Analysis of Variance (Anova)
- Association of Attributes
- Statistical Decision Theory (SDT)
- Statistical Quality Control (SQC)
- Appendix
- Index

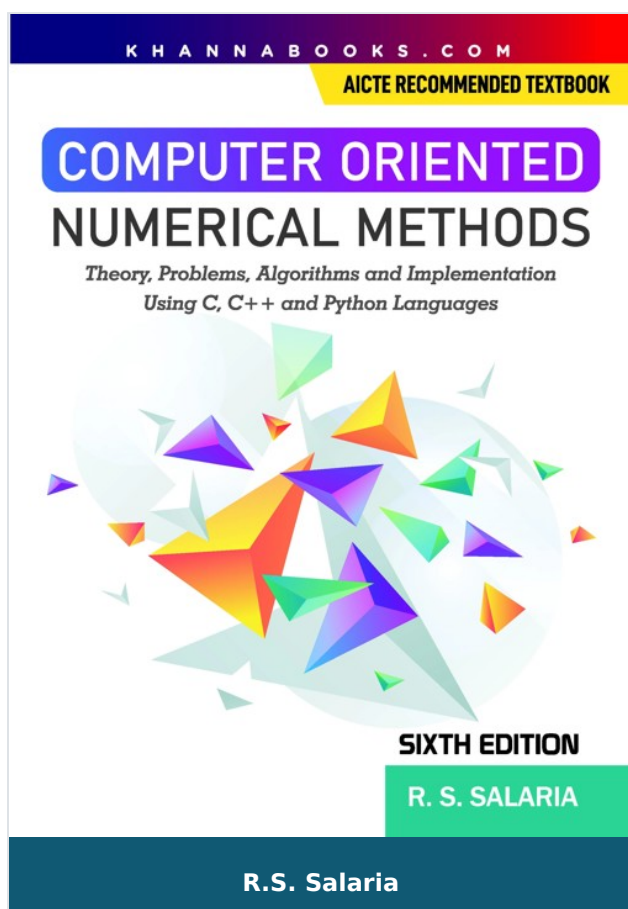
Author

Amit Gupta

Amit Gupta: Asst. professor, Determent of CS & IT, Rakshpal Bahadur Management Institute, Bareilly.

Manish Sharma

Dr. Manish Sharma : Director General, RBMI Group of Institutions, Bareilly and Greater Noida.



Computer Oriented Numerical methods

Author :	R.S. Salaria
ISBN 13 :	978-93-89139-00-6
ISBN 10 :	9389139007
E-ISBN 13 :	978-93-89139-00-6
Edition :	Sixth
Pages :	468
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 425.00
Categories :	Applied science & Humanities, Book Store, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

The subject of Computer Oriented Numerical Methods is one of the courses in the curriculum of almost all universities and other institutes offering undergraduate and postgraduate courses in Computer Science, Information Technology, and Physical Sciences. This book is designed as a textbook for the students taking these courses. Even the practicing engineers and researchers will also find it useful as reference book.

The label of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically this book will provide you everything you need on the subject of Computer Oriented Numerical Methods.

Salient Features:

- * Provides a Comprehensive coverage of the subject
- * Emphasis is laid to ensure the conceptual understanding of different numerical methods.
- * Formulae for different numerical methods have been derived in the simplest manner.
- * Algorithms for these methods are developed using pseudo Language.
- * Large number of programming exercises to test your programming skills acquired.
- * Majority of the algorithms are implemented in C, C++ and Python languages.

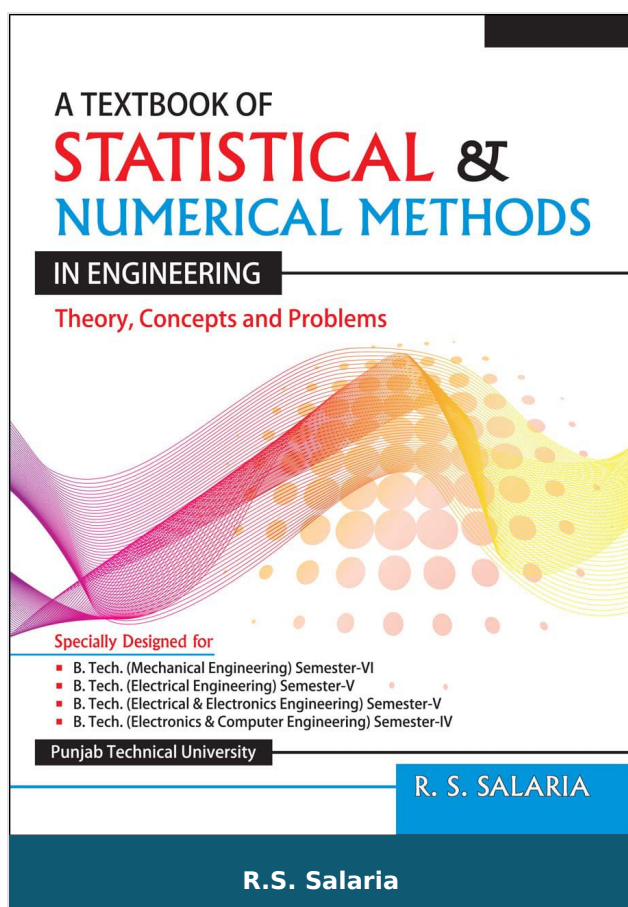
Table Of Contents

- Preamble.
- Data Presentation And Computer Arithmetic.
- Solution of Non-Linear Equation.
- Matrices And Determinations.
- Solution Of System Of Linear Equations.
- Interpolation & Approximation.
- Curve Fitting And Method Of Least Squares.
- Numerical Differentiation.
- Numerical Integration.
- Solution Of Ordinary Differential Equations.
- Appendices
- Appendix A:
 - Listing of C Programs.
- Appendix B:
 - Listing of C++ Programs.
- Appendix C:
 - Listing of Python Programs.
- Appendix D:
 - Proficiency Test.
- Appendix E:
 - Numerical and Statistical Software Libraries.
- Index.

Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p>



A Textbook of Statistical & Numerical Methods in Engineering

Author :	R.S. Salaria
ISBN 13 :	978-93-82609-95-7
ISBN 10 :	9382609954
E-ISBN 13 :	978-93-82609-95-7
Edition :	1
Pages :	452
Type of book :	Physical
Year :	2016
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	Applied science & Humanities, Book Store, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

The subject of A Textbook of Statistical & Numerical Methods is one of the courses in the curriculum of almost all universities and other institutes offering undergraduate and postgraduate courses in Engineering and Physical Science.

The Book is designed to serve as a textbook for the students of Bachelor of Technology in Mechanical Engineering, Electrical Engineering, Electrical & Electronics Engineering and Electronics & Computer Engineering of Punjab Technical University. Even the Practicing Engineers and researchers will also find it useful as reference book.

The level of presentation is kept simple and illustrative so that even an average reader can grasp the subject matter with quite ease. Practically this book will provide you every thing you need on the subject of Statistical & Numerical Methods.

Table Of Contents

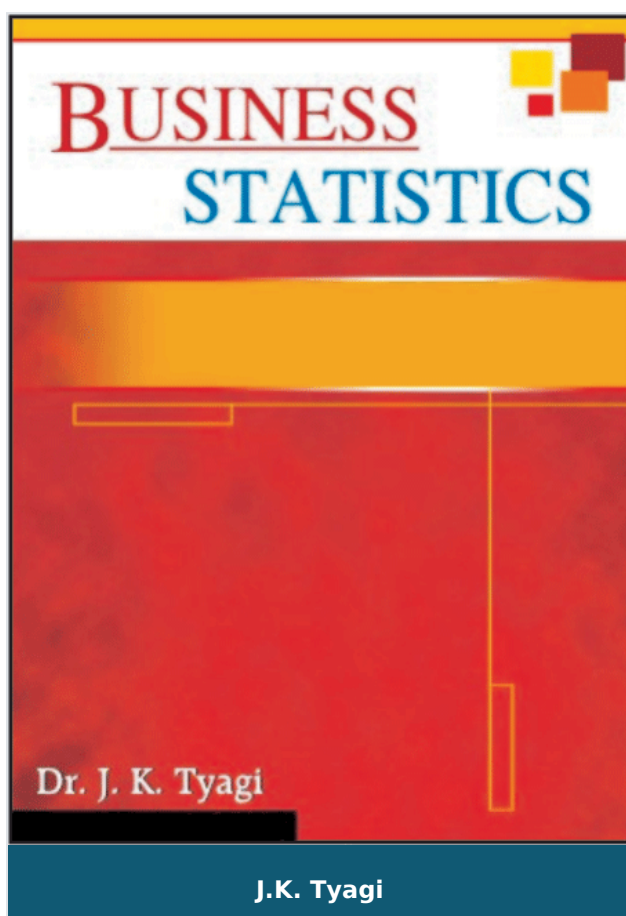
- Data, Its Arrangements and Measures
- Probability and Probability Distributions
- Sampling and Sampling Distributions
- Errors in Numerical Calculations
- Solution of Algebraic and Transcendental Equations
- Interpolation Methods
- Curve Fitting
- Numerical Differentiation
- Numerical Integration
- Solution of Linear Systems of Equations
- Numerical Solution of Ordinary & Partial Differential Equations
- Appendix A: Listing of Selected Programs in C++
- Appendix B: Statistical Tables

Author

R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a

wonderful place for happy and peaceful living. </p>



Business Statistics

Author :	J.K. Tyagi
ISBN 13 :	978-93-80016-33-7
ISBN 10 :	9380016336
E-ISBN 13 :	978-93-80016-33-7
Edition :	1
Pages :	338
Type of book :	Physical
Year :	2012
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Applied science & Humanities, Book Store, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

Step-by-step approach, The book is provided in the simplest language, The subject matter has been set in four units, More than 500 solved examples are provided in the book, A large no of unsolved questions are also provided in the book, Multiple choice questions better understanding of the subject, Systematic and sequential arrangement of different topics.

Table Of Contents

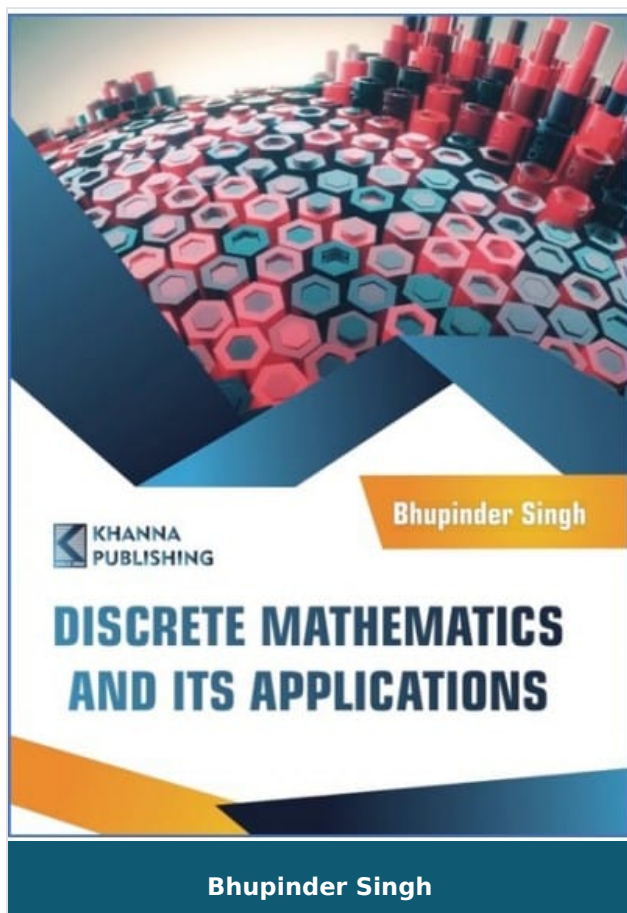
- UNIT-I
- Problem Set 1.1
- Problem Set 1.2
- Problem Set 1.3
- Problem Set 1.4
- Problem Set 1.5
- Problem Set 1.6
- Problem Set 1.7
- Problem Set 1.8
- UNIT-II
- Problem Set 2.1
- Problem Set 2.2
- Problem Set 2.3
- Problem Set 2.4
- UNIT-III
- Problem Set 3.1
- Problem Set 3.2
- Problem Set 3.3
- 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
- Multiple Choice Questions
- Examination Paper
- Log Tables

Author

J.K. Tyagi

Dr. J.K. Tyagi is Professor and head department of Applied Science, Maharaja Agarsain Institute of Technology Ghaziabad (U.P.)



Discrete Mathematics and its Applications

Author :	Bhupinder Singh
ISBN 13 :	978-81-87325-24-5
ISBN 10 :	8187325240
E-ISBN 13 :	978-81-87325-24-5
Edition :	1
Pages :	556
Type of book :	Physical
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	Applied science & Humanities, Book Store, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

The book is designed for a one semester course in discrete mathematics for B.E. (Computer Science and Engineering), B.E. (Information Technology), MCA and BCA students. It covers syllabus of the most Indian universities. Keeping this in mind the contents of the books are incorporated accordingly. The discipline of mathematics requires working of problems to enhance the understanding. Therefore, numbers problems are appended at the end of each chapter. Solutions are also provided to these problems. This has been divided into 15 chapters. In spite of my best care, it is possible that some errors, printing mistakes etc., might have crept in. I shall be thankful if the same is brought to my notice. Suggestions for further improvement of the book by readers will be highly appreciated.

Table Of Contents

- Set Theory
- Mathematical Induction
- Relations
- Functions
- Combinatorial Analysis
- Graph Theory
- Planar Graphs, Colorations
- Trees
- Algebraic Systems
- Posets and Lattices
- Propositional Logic
- Boolean Algebra
- Finite State Machine
- Recurrence Relations
- Generating Functions

Author

Bhupinder Singh

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