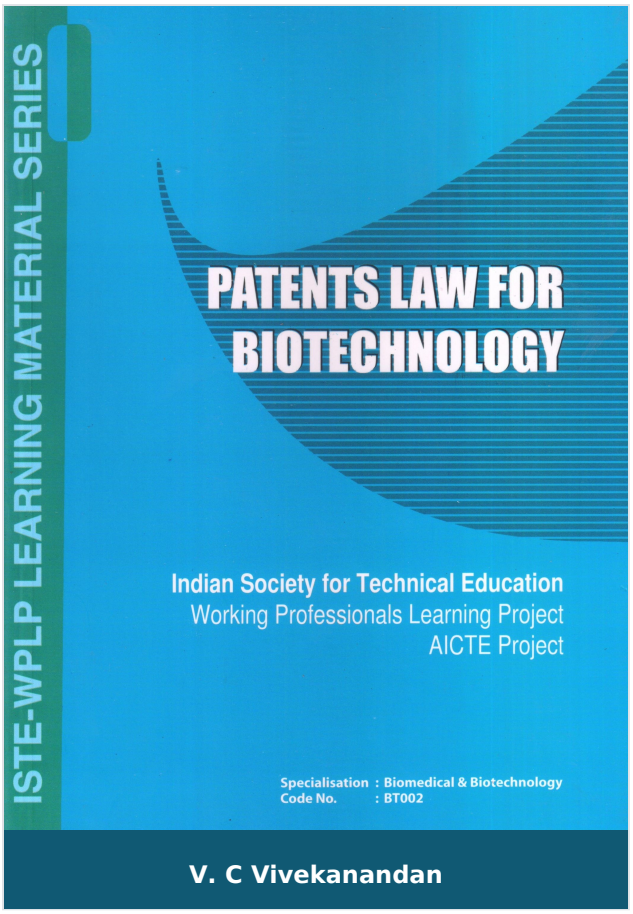


Patents Law For Biotechnology

Author :	V. C Vivekanandan
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E-ISBN 13 :	978-93-55388-75-9
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Publisher :	Khanna Publishing House
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Categories :	Bookstore, ISTE Series, Biomedical & Biotechnology
Condition Type :	New
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Product Description

This module of designed to give the reader - a technocrat or a lawyer an understanding of the history of the development of Intellectual Property in the first chapter. This chapter shows how the need for such a legislation arose in Europe and later in United States. The Second chapter deals with the conceptual understanding of contemporary issues in Patenting, what qualifies for patents, what qualifies for patents, what does not and how standards are constantly raised and interpreted. The third chapter deals with the legislation in India. It deals with what are inventions under law and what are not. How does one proceed to patent and invention? How one can draft a good patent? what are the safeguards if one abuses the system? What are the rights of the public in such a system and related issues? The fourth chapter deals with the special issues relating to the emerging research in Biotechnology like the cell culture, hybridoma technologies, recombinant DNA, patenting of software programmes and other principles. The fifth chapter deals with Patent Cooperation Treaty which offers a single window filing system for patenting inventions world wide. The sixth chapter deals with the TRIPS agreement and its salient features, where the provisions relating to patents law and compulsory licences are dealt with. Chapter Seven deals with the World Intellectual Property Organization, its mission, challenges and future agenda.

The module also has select case laws relating to patenting of life forms, Biotechnology, Chemical patents and issues relating to Pharma industry.

The modules have been written to sensitize the target audience to the exciting, yet complex world of patenting system.

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- V. C Vivekanandan

Author

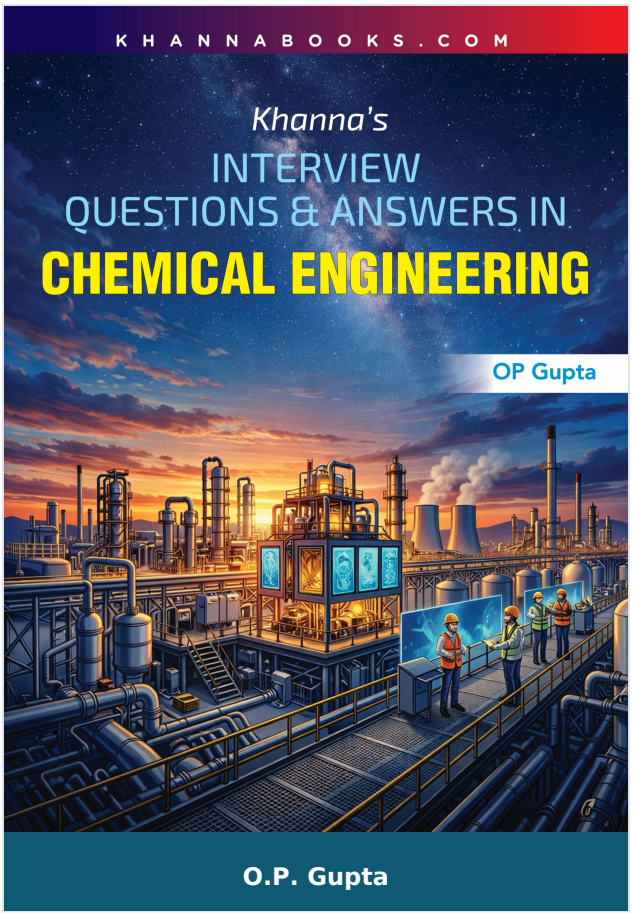
V. C Vivekanandan

Prof. V. C. Vivekanandan

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Khanna's Interview Questions & Answers in Chemical Engineering

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Edition :	First
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Publisher :	Khanna Publishing House
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Product Description

Interview Questions and Answers in Chemical Engineering by O.P. Gupta is a comprehensive, meticulously structured resource designed to bridge the gap between academic learning and professional recruitment. This first-edition volume provides a deep dive into the core pillars of the field, covering essential topics such as Fluid Mechanics, Heat Transfer, Mass Transfer, and Instrumentation. By presenting technical concepts in a clear question-and-answer format, the book helps readers master complex theories while simultaneously preparing them for the practical rigors of the industry.

The book is tailored for a wide-ranging audience, including diploma, degree (B. Tech.), and postgraduate (M. Tech.) students, as well as PhD candidates defending their theses. It also serves as an indispensable guide for professionals preparing for associate membership examinations like AMIE and AMIIChE, and for those appearing for recruitment interviews at premier public and private sector organizations like BARC, SAIL, and IOC. With its focus on both foundational principles and real-world applications—ranging from valve operations to advanced membrane separations—this book acts as a vital tool for anyone looking to excel in the chemical engineering profession.

Salient Features

• Core Technical Mastery: Comprehensive coverage of fundamental subjects like fluid mechanics, heat transfer, and thermodynamics.

• Interview-Ready Format: Concepts presented in a concise question-and-answer style, ideal for viva-voce and recruitment preparation.

• Industrial Equipment Insights: Functional details on hardware like orifice meters, venturi scrubbers, and various heat exchangers.

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• Advanced Separation Processes: In-depth explanations of liquid-liquid extraction, crystallization, and membrane-based techniques.

• Practical Applications: Strong focus on real-world scenarios, including wastewater treatment and industrial process control.

• Safety & Instrumentation: Critical guidance on PID controllers and specialized gauges for operational safety.

• Competitive Exam Alignment: Content tailored to the requirements of GATE, AMIE, and PSU recruitment exams.

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- Evaporation and Evaporators
- Heat Pumps
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- Compact Heat Exchangers
- Fired Heaters
- Mass Trasfer
- Mass Transfer with Chemical Reaction
- Packed Columns
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- Diffusion
- Liquid-Liquid Extraction

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- Solid-Liquid Extraction/leaching
- Crystallization
- Humidification and Water Cooling
- Drying
- Adsorption
- Distillation Column
- MISCELLANEOUS QUESTIONS

Author

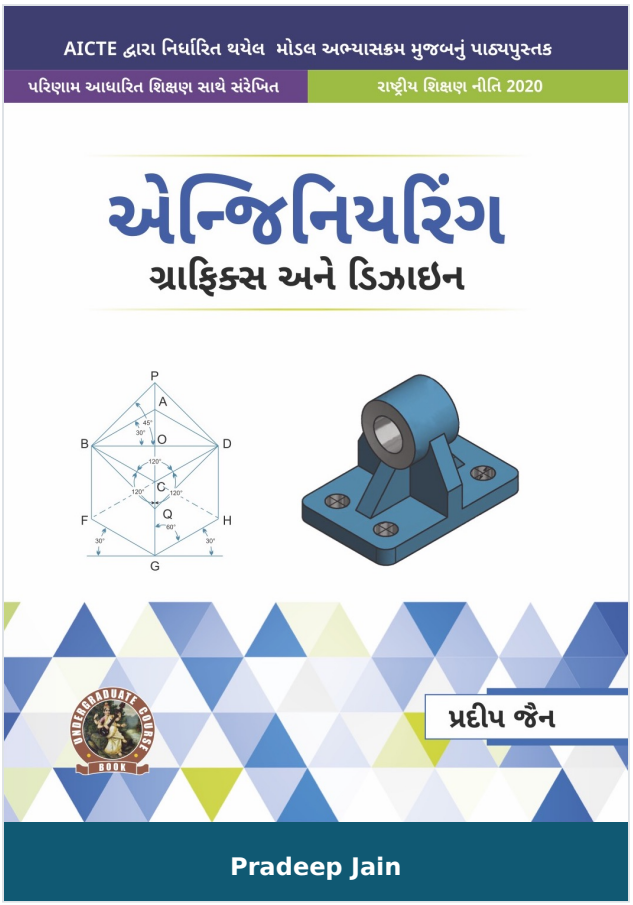
O.P. Gupta

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.

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Engineering Graphics & Design

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Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
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Condition Type :	New
Country Origin :	India

Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

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- Orthographic Projection
- Projection of Solids
- Sectional Views of Solids
- Isometric Projection
- Overview of Computer Graphics
- Customisation &CAD
- Annotation Layers and 3D Modelling
- Projects
- Reference
- CO and Po Attainment Table
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Author

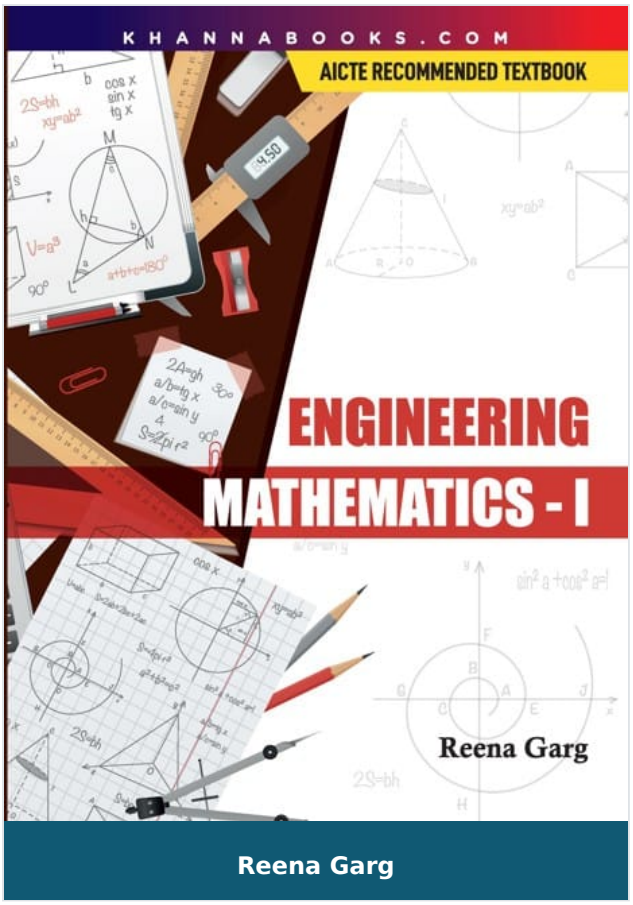
Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.

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Engineering Mathematics-I

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Condition Type :	New
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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 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.

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

Author

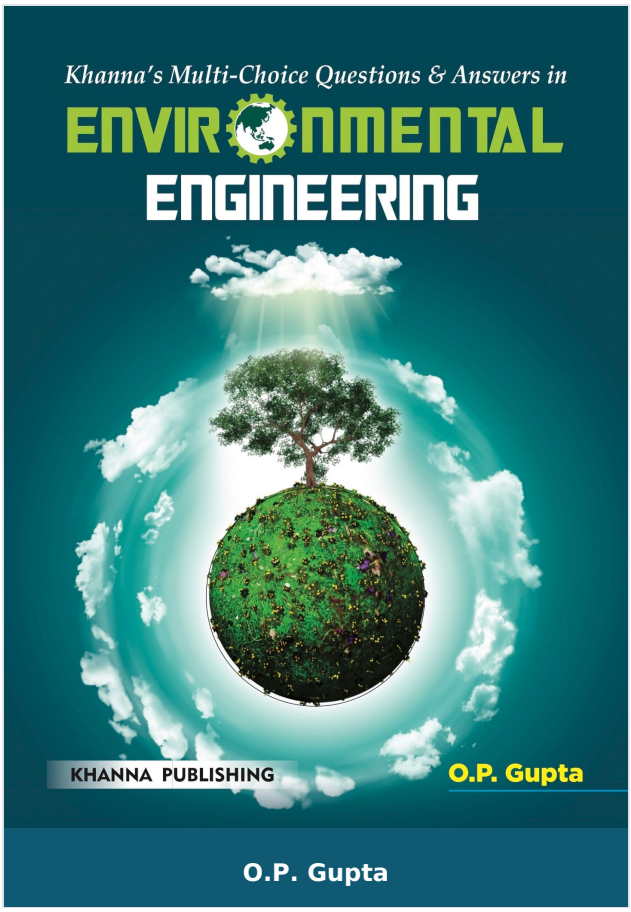
Reena Garg

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 InternationalJournals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.

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Khanna's Multi-Choice Questions & Answers in Environmental Engineering

Author :	O.P. Gupta
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Product Description

This book covers the various topics of environmental engineering in the form of MCQ and Short Q&A; and is useful for degree, postgraduate & diploma courses in engineering, AMIE, AMIIM & AMIICHE examination. Subject matters has been presented in simple, lucid & easy to understand language and Covers all the topics included in the syllabus of various engineering colleges/Technical Institutes & Professional bodies examination papers. Latest and updated information/data/statistics pertaining to the subject matter has been included.

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- Water Pollution
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- Marine Pollution
- Noise Pollution
- Soil/Land Pollution
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- Radioactive/Nuclear Pollution
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- Ozone layer Depletion and its Health Effects
- Climate Change
- ISO-14000
- Smoking and its Health Effects
- Electrical Hazards
- Section B: Multiple Choice Questions and Answers
- multiple Choice Question and Answers on Environmental engineering
- Immediately Dangerous to life of Health (IDLH) Concentrations of Various Substances/Chemicals (as per NIOSH as on 03/01/1995)

Author

O.P. Gupta

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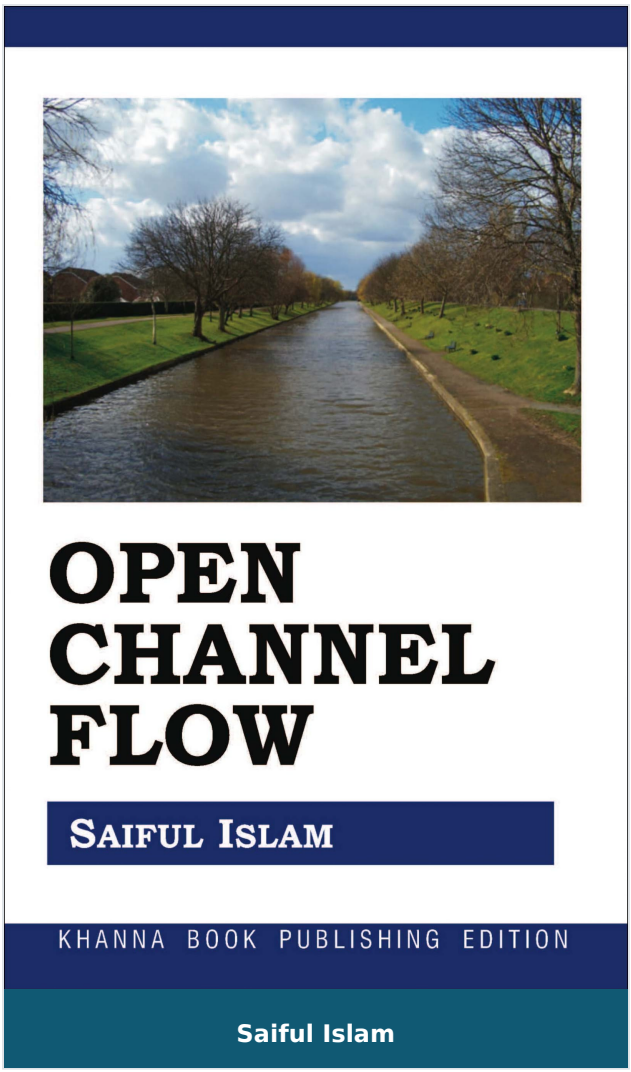
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O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.

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Open Channel Flow

Author :	Saiful Islam
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Product Description

This book is a elective paper for civil engineering student. This book is primarily designed as an introductory text book for the students pursuing B. Tech degree in Civil Engineering. Each chapter contains a set of exercise at the end of each unit to test the student's comprehension.

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- Flow Measurement in Open Channel Flow
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- Flow in Channel of Non-Linear Alignment and Non-Prismatic Channel
- Objective Type Questions : Previous Year Question Papers
- Glossary

Author

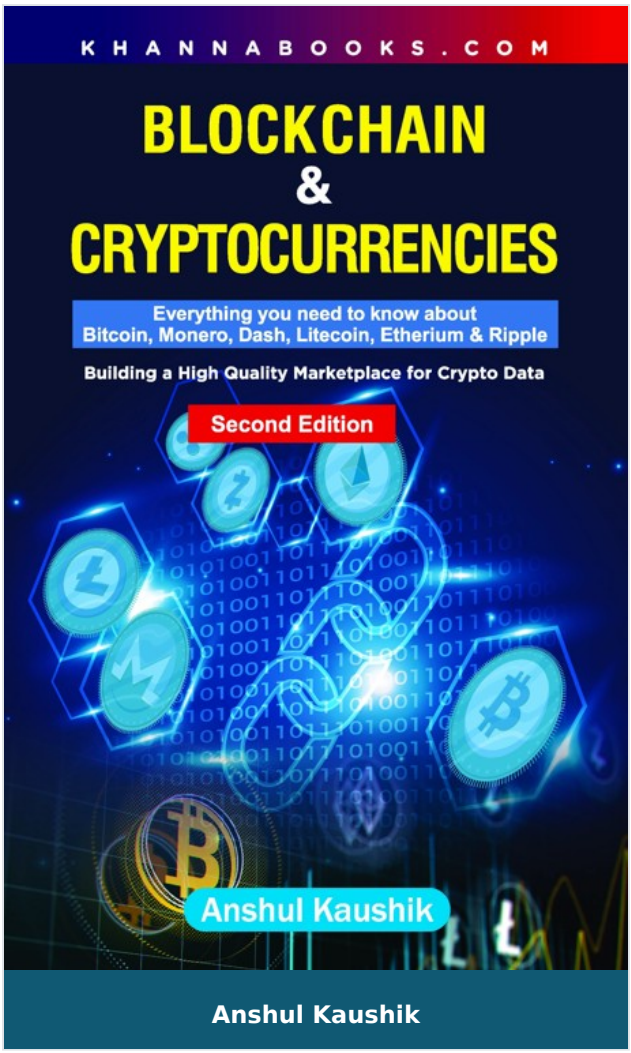
Saiful Islam

Saiful Islam is presently working as a Assistant Professor in the Department of Civil Engineering, RGEC, Meerut, U.P. He did his B.Tech degree from Zakir Hussain College of Engineering, A.M.U, Aligarh. He has completed his M.Tech degree from Indian Institute of Technology, Roorkee. He is the life member of Indian Society of Technical Education, International Association of Engineers and International Association of Protective Structures. He has published two papers in International journal. He has attended several conferences/ Workshops.

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Anshul Kaushik

Block Chain & Crypto Currencies

Author :	Anshul Kaushik
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Product Description

This book is the author's attempt to peep into the world of Block Chain & Crypto Currencies without getting into complex algorithms and mathematics. Both the technical and the transactional aspects are explained with help of simple metaphors for all classes of readers. For curious readers who frequently encounter "Bit Coin", "Block Chain" & Crypto Currencies" in their daily lives without a clue, this book can be considered as an authentic introductory text. Prospective investors can find this book useful in making decisions for choosing a suitable currency for investments. Readers who have already invested will find enough literature to understand the technical and functional aspects of resources for its readers to explore. This text also introduce readers with other popular crypto currencies Monero, DASH, Lite Coin, Etherium & Ripple.

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- PART TWO: Block Chain
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- Core Concepts of Block Chain Cryptography, Hashing Function & Merkle Tree
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- PART THREE: Bit Coin
- Introduction to Bit Coin
- Mining & Mining Pools
- Bit Coin Wallets
- Bit Coin Selling Buying & Exchanges (Bit Coin Trading)
- Transition From Bit Coin to Coin Cash
- PART FOUR: Other Crypto Currencies

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- DASH
- Lite Coin (LTC)
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- PART FIVE: Laws, Legislations & Other Uses
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- APPENDIX-III: QR Codes
- APPENDIX-IV: Glossary

Author

Anshul Kaushik

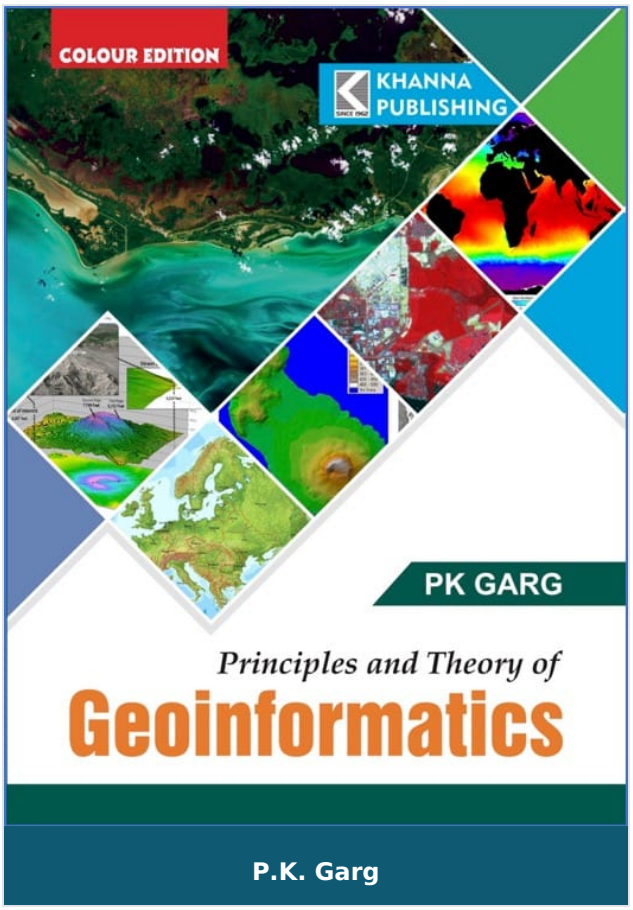
Anshul Kaushik is a computer science graduate and holds MCSE, CCNA, AIX and CEH certifications. He has acquired strong knowlwdge in Network Security, Windows and UNIX Platforms. His topics of interest include penetration testing, includent reports, security profile generation, counter attacks technology and got honored with "Original Mind Award 2002" by minister of information technology for excellence in science and technology. He was also awarded by intel in the Talent Discovery and magazines is his hoppy. He is currently working in IT department of Honda Siel Cars, India as a security specialist and

system administrator. He had also worked for different companies as a security advisor and IT specialist. He can be contacted by email:akaushik@rogers.com

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Principles and Theory of Geoinformatics

Author :	P.K. Garg
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Product Description

Geoinformatics combines photogrammetry and remote sensing, image processing as well as other digital spatial data collection methods like GPS, field measurements, digitizing and scanning of maps, spatial data analysis algorithms and geographical data management, and visualization. It is one of the important tools that can help us to map and monitor the changes in the environment and on Earth, Geoinformatics, being multi-disciplinary in nature, is a fast growing area to solve real world problems by bringing together technologies and tools required for acquisition, exploration, visualization, analysis and integration of various spatial data.

The main key feature of this book is that it concisely covers all the major topics of geoinformatics; Photogrammetry, Remote Sensing, GPS and GIS, so that UG & PG students and researchers can understand the theory of land data collection & mapping, and subsequently the analysis from these maps. The structure and character of spatial and non-spatial datasets are also described.

The book covers basic geoinformatics tools and techniques which encompass a wide range of equipment, images and software, such as laser based devices, LiDAR, UAV/Drone, Aerial and terrestrial photographs, optical, Thermal, microwave and hyperspectral images, GPS, and GIS. The utility and application areas of these data collection techniques are presented in a simple language. This book will be extremely useful to students to understand the principles and theory of Geoinformatics that are crucial for several applications on the Earth surface.

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- GEOINFORMATICS
- PHOTOGRAMMETRY
- REMOTE SENSING
- GLOBAL POSITIONING SYSTEMS
- GEOGRAPHIC INFORMATION SYSTEMS

Author

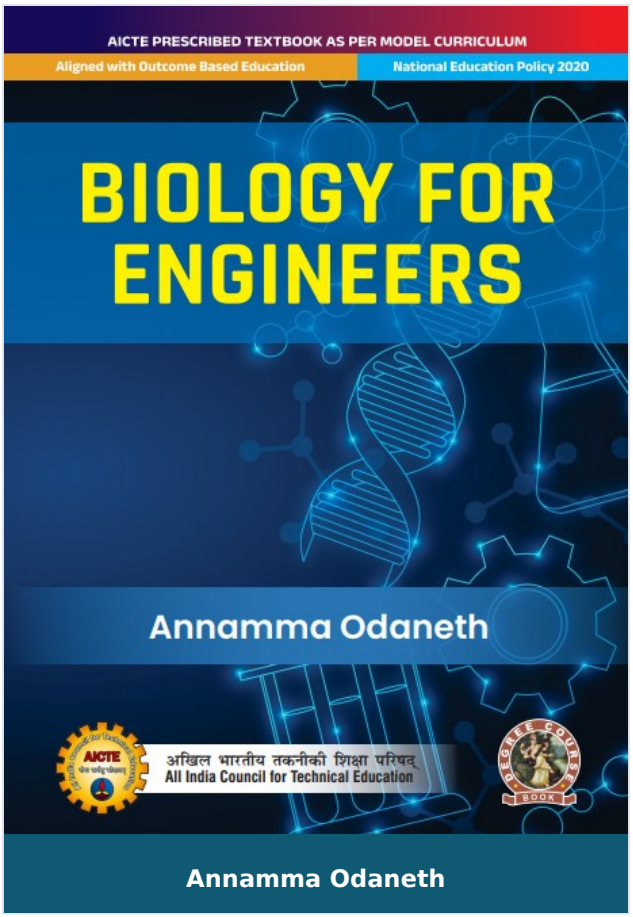
P.K. Garg

P.K. GARG Professor, Civil Engineering Department Indian Institute of Technology Roorkee, Roorkee & Former, Vice Chancellor Uttarakhand Technical University, Dehardun

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Biology for Engineers

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Year :	2026
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Publisher :	Khanna Publishing House
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Condition Type :	New
Country Origin :	India

Product Description

Biology for Engineers

This text book on Biology for Engineers provides foundation of the subject to the reader. It familiarizes readers to important basic technical concepts of cell, its parts, its characterization and other basic biology topics that are the backbone of any work done. The main concept of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per National Education Policy (NEP) 2020.

Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Unsolved problems are solved with systematic steps.

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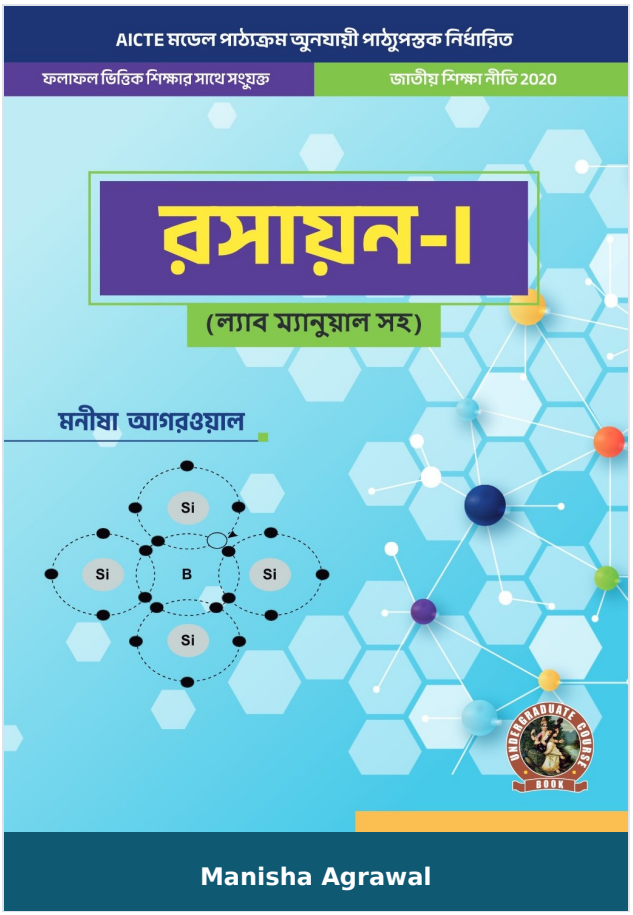
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Chemistry I (with Lab Manual)

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Product Description

“Chemistry-I” is a compulsory paper for the first year Undergraduate course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome based education.

Book covers seven topics- Atomic and molecular structure, Spectroscopic Technique and applications, Inter-molecular Forces and Potential Energy Surfaces, Use of Free Energy in Chemical Equilibrium, Periodic Properties, Stereo-chemistry, Organic Reactions and Synthesis of Drug Molecules. Each topic is written is easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test student’s comprehension.

Salient Features:

Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for us of ICT, Projects group discussion etc. Students and teacher centric subject materials included in book with balanced and chronological manner. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. Solved and unsolved problems including numerical examples are solved with systematic steps.

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