

Set of Two Books : Hacking & Mastering Hacking

Author :	Harsh Bothra
ISBN 13 :	KPH-B0-9BNSC-64-G
ISBN 10 :	B0-9BNSC-64-G
E-ISBN 13 :	KPH-B0-9BNSC-64-G
Edition :	1
Pages :	400
Type of book :	Paperback
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 394.00
Categories :	Computer Science Engineering
Condition Type :	New
Country Origin :	India

Product Description

Set of Two Books : Hacking & Mastering Hacking

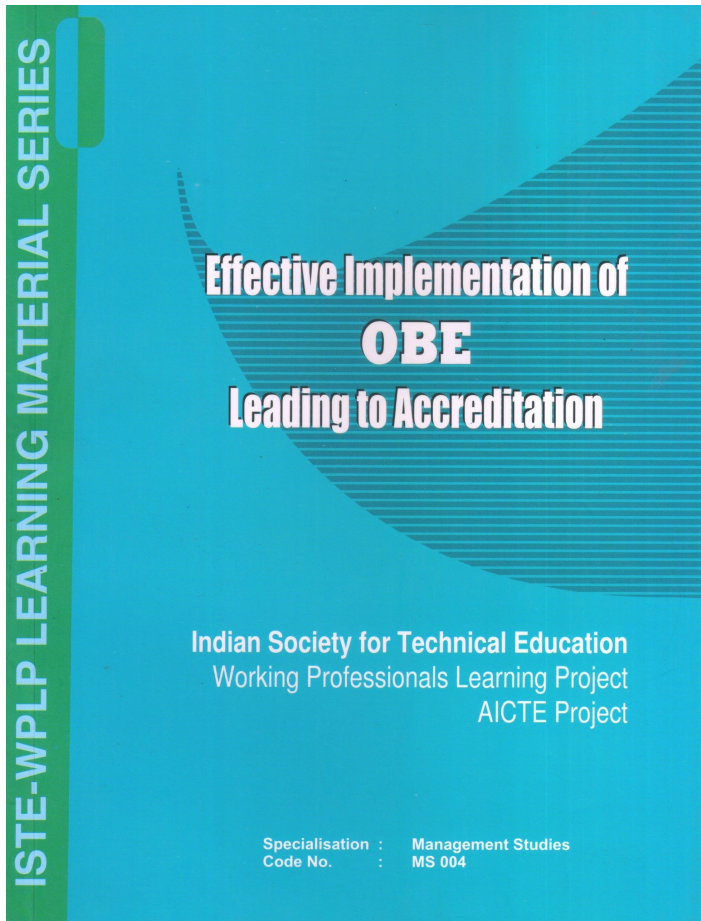
1. Hacking is not a trick, it's an art. 2. The more you get into it, the 3. more you will gain from it.



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



Effective Implementation of OBE Leading to Accreditation

Author :	B. Kanmani
ISBN 13 :	978-93-55383-97-6
ISBN 10 :	93-55383-97-5
E-ISBN 13 :	978-93-55383-97-6
Edition :	1
Pages :	249
Type of book :	Paperback
Weight (g) :	500.00
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	ISTE Series , Management Books
SKU :	1725687221
Condition Type :	New
Country Origin :	India

Product Description

Accreditation of programs has now become a measure of quality. Hence, a large number of engineering programs voluntarily apply to have their programs accredited. The programs put significant efforts towards preparing and submitting the Self-Assessment-Report (SAR), followed by the huge preparations for the actual evaluation by the expert team. Team book provides a comprehensive approach to ensure an effective implementation of OBE that is reflected through quality teaching together with quality assessments. The recommended processes when effectively implemented, leads to enhanced quality of the graduating engineers, as OBE is focused on student learning. This then reflects through enhanced performance of students in: Percentage of On-campus placements; Off-campus placements; Average ad highest pay package; Performance, through planned faculty contribution, eventually lead to accreditation. The book provides broad guidelines focused on implementation of Outcome Based Education (OBE)



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

Table of Contents

Forward

Preface

Acknowledgement

List of Abbreviations

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.

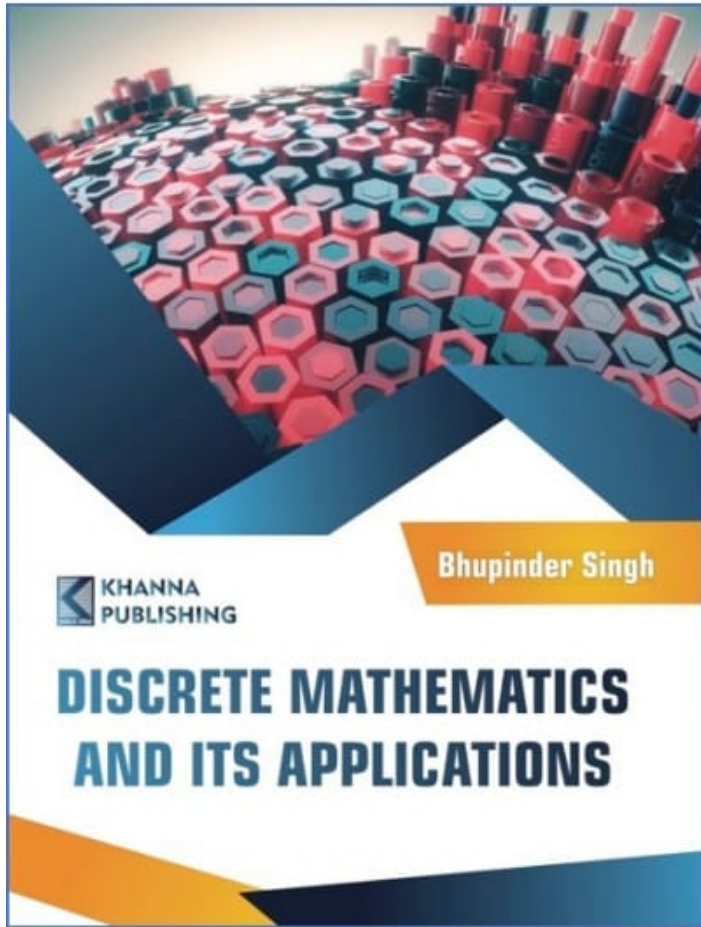
Reference.



Author

Dr. B. Kanmani, obtained her Bachelors in Electronics and Communication Engineering from Nagarajuna University in 1987, M. Tech. in Digital communication from India Institute of Technology, Kanpur in 1990, and PhD from the Indian Institute of Science Bangalore (IISc) in the year 2006. Born in the traditional and ancient city of Tiruchirapalli, she has had her initial education in the states of Maharashtra, Andhra Pradesh and Karnataka. She has been with BMS College of Engineering, Bangalore, since 1995, and has to her credit publications in the domain of Diffuse Optical Tomography; Signal processing; Signal Processing Education; and Engineering Education. She has personally presented papers in conferences held at Singapore, Dubai, Florida and Arizona. She has successfully completed AICTE funded MODROBS and the IIPC projects. She has published a Book on **Effective Implementation of OBE leading to Accreditation**', through the ISTE, WPLP, AICTE, project. She has uploaded few lectures on 'Digital Signal Processing' and 'Outcome Based Education', on her **You Tube Channel-Kanmani's Lectures**'. She has served as Dean-Academics, for a period of two years; and as the Head of the Department, for a period of fifteen years. She handles the under-graduate course, on Signal Processing and Communication. Her prior employment as a teaching faculty was with Thadomal Shahani College of Engineering (Mumbai) and K L College of Engineering (Guntur). She is Senior Member IEEE, Fellow IETE and Life Member ISTE.





Discrete Mathematics and its Applications

Author :	Bhupinder Singh
ISBN 13 :	978-81-87325-24-5
ISBN 10 :	81-87325-24-0
E-ISBN 13 :	978-81-87325-24-5
Edition :	1
Pages :	556
Type of book :	Paperback
Weight (g) :	760.00
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	APPLIED SCIENCES & HUMANITIES, 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.



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

Table of 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 10:** Propositional Logic. **Chapter 12:** Boolean Algebra. **Chapter 13:** Finite State Machine. **Chapter 14:** Recurrence Relations. **Chapter 15:** Generating Functions.

Author

Bhupindra Singh Namadhari, Senior Lecturer, Computer Science and Engineering, Punjab Engineering College, Chandigarh, got his B.sc. (Electronics & Communication). From B.I.T. Mesra, Ranchi and M.E. from Devi Ahialaya Vishwa Vidyalaya, Indore. He joined as lecturer at corps of Singals, Ministry of Defence and worked from May, 1980 to Jan, 91. He joined as a lecturer at Punjab Engineering College, Chandigarh and selected to the post of Assistant Professor in Department of Computer Science & Engineering at R.E.C. Hamirpur. He was reverted back to Punjab Engineering College in Feb' 99. He is life member of the following societies: M.I.E.T.E, M.I.E., C.S.I, He was invited by Pacific Telecommunications Council-97 to act as a Chairperson in the field of Cyptography at Honolulu, Hawaii. He has published more than 30 research papers in the field of Cryptography, Artificial Intelligence, Vedic Mathematics in National/Internal Journal/Conferences. His research work in the field of "Computer Implementation of Vedic Mathematics Sutra" has been considered equivalent to Ph.D. in engineering by Dr. A.K. Ramani of University Putra Malaysia (More than 100 research papers to his credit). and Dr. P.K. Chande, Director, SGSITS Indore (More than 100 research papers to his credit) Bhupindra Singh has authored nine books in the field of Digital Electronics, Microprocessor, Cobol Programming and Microcontrollers.





Warm Loving Medication

Author :	Akshat Srivastava
ISBN 13 :	978-93-89139-09-9
ISBN 10 :	93-89139-09-0
E-ISBN 13 :	978-93-89139-09-9
Edition :	First
Pages :	204
Type of book :	Paperback
Weight (g) :	280.00
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 299.00
Categories :	General Books
Condition Type :	New
Country Origin :	India

Product Description

Following the suicide of an acquaintance, Abeer was suffering from a cliché case of doomsday syndrome. In a life where all everyone could bring into his life was either medication or addictions. In this beautiful city with shit stained sidewalks and shit swinging elitism, life felt directionless until a small incident makes him realise he may need the same help he has been trying to extend. While shuffling through multiple therapists, A chance meeting with a woman leads to something far more than he ever imagined. The woman in question was Meera. The woman on the contrary was a being of never-ending optimism in a society full of nihilists. Would This encounter help Abeer answer some questions which were left unanswered?



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

Table of 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.

Author

Akshat Srivastava



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



3D PRINTING AND DESIGN

DR. SABRIE SOLOMAN



AICTE Recommended Textbook as per Model Curriculum 2018

3D Printing & Design

Author :	Sabrie Soloman
ISBN 13 :	978-93-86173-76-8
ISBN 10 :	93-86173-76-X
E-ISBN 13 :	978-93-86173-76-8
Edition :	First
Pages :	436
Type of book :	Paperback
Weight (g) :	600.00
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
Categories :	Computer Science Engineering, Emerging Technologies
Condition Type :	New
Country Origin :	India

Product Description

This book provides a detailed guide to various 3D printing technologies, explaining their operational principles, similarities, and differences. It offers practical insights into optimal implementation methods, making it an invaluable resource for school students, university undergraduates, and postgraduates. Readers will gain both foundational knowledge and hands-on inspiration to explore their creativity by designing and printing their own innovative models. In addition, educators and professionals will find the content highly relevant, enabling them to effectively apply and advance 3D printing technologies within their institutions or organizations.



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

Table of 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. **References Appendix**

Author

Dr. Sabrie Soloman

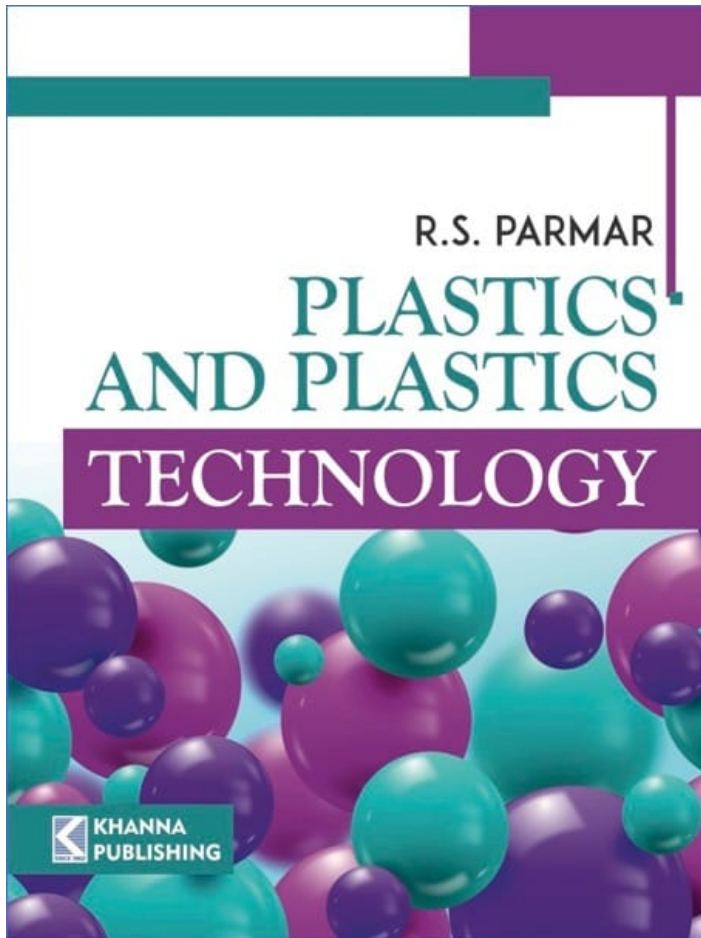
Dr. Sabrie Soloman, Ph.D., Sc.D., MBA, PE - He is the Chairman & CEO of American Sensor_x, In, USA; Founder of Advanced Manufacturing Post Graduate Studies at Columbia University, USA; Professor of Advanced Technology at Columbia, where he lectures on Sensors & Control Systems in Manufacturing, Affordable Automation, Computer Integrated Manufacturing (CIM), Flexible Manufacturing System (FMS), Design for Manufacturability, Introduction to Electromechanical Engineering, Modern Welding Technology, and 3D Printing/Bioprinting Technology. Dr. Soloman authored numbers of technical books published and translated worldwide: Sensors Handbook (2nd edition), Sensors and Control Systems in Manufacturing (2nd edition), Affordable Automation, Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA.



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



Plastics & Plastics Technology

Author :	R.S. Parmar
ISBN 13 :	978-93-86173-74-4
ISBN 10 :	93-86173-74-3
E-ISBN 13 :	978-93-86173-74-4
Edition :	First
Pages :	304
Type of book :	Paperback
Weight (g) :	430.00
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 325.00
Categories :	Civil Engineering , Mechanical Engineering
Condition Type :	New
Country Origin :	India

Product Description

This book is an outcome of author's desire for deeper knowledge into vital field of plastics without which it is almost impossible to imagine the modern day civilization. There has been an effort to cover all plastics used till date and fairly good details are provided regarding their chemical structure, properties and uses. Production of copolymers and poly alloys is also described. Production of Reinforced Plastics and Composites with their properties and specific uses are as well included. Because it is essential to know the physical and mechanical properties of the plastics to select these for required service conditions so methods employed to determine such properties are described in fairly good detail. Manufacturing processes to shape the plastics for specific application are detailed at length. That includes molding, casting, welding, forming, machining and miscellaneous processes like calendaring, silk-screening, pultrusion, filament winding etc. Selection of plastics for specific uses is an important consideration. So important uses of all major engineering plastics are listed. Unlike metals, identification of plastics is not easy but that knowledge is essential for reuse and recycling of them. So identification methods for plastics and their recyclability have been described as per the international norms. At the end some appendices are included that provide helpful data need for selection and use of different plastics. Some selected standards on Plastics form ASTM and BIS are also included for ready reference for use by industries and researchers alike. Finally, Indian Institutes and Universities awarding degrees and diplomas in Plastic/Polymer Engineering and Technology are also listed for the benefit of those interested in pursuing this field as their profession.

Table of 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. **Appendices Bibliography Index**



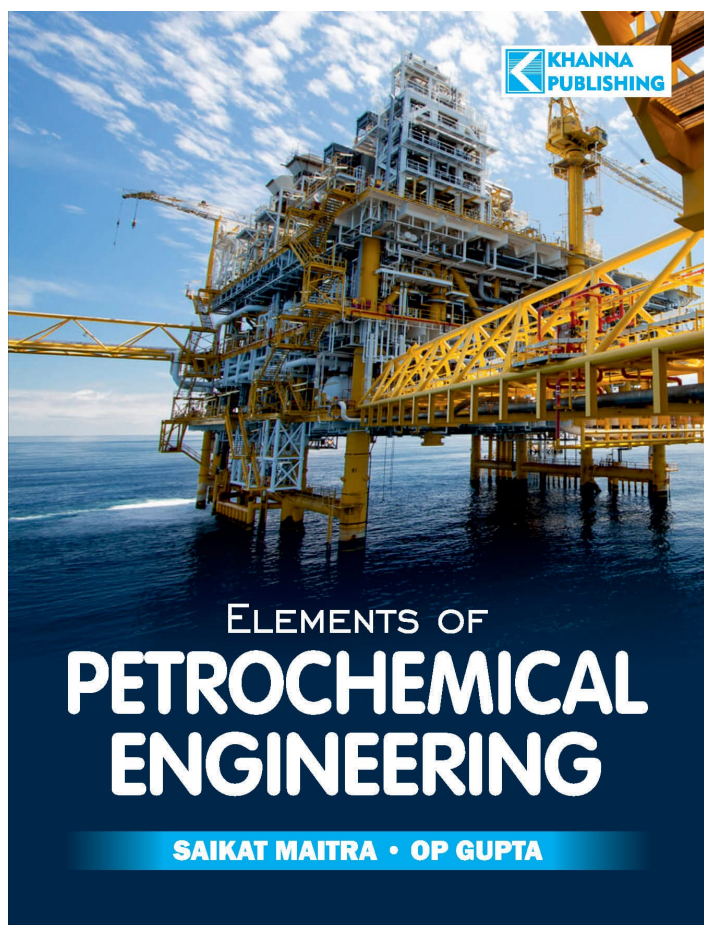
Author

R.S. Parmar

Dr. R.S. Parmar is B.A. and B.Sc. (Mechanical Engineering) from Punjab University, M.E. (Production Engineering) from University of Roorkee (Now IIT, Roorkee) and Ph.D. (Mechanical Engineering) from I.I.T. Kharagpur. He has an experience of more than 50 years in teaching and research in different subject of Mechanical Engineering particularly related to materials and manufacturing processes and technology. He served for about 14 years at R.E.C. (Now NIT), Srinagar (Kashmir), 21 years at I.I.T., Delhi and 20 years at NSIT (Now NSUT), New Delhi. He also served for one year at Brunel University, London (U.K.) He has guided a number of Ph.D., M. Tech., and B. Tech. Research Projects and published a large number of technical papers in Indian and foreign journals on different aspects of manufacturing processes.

He is a gold medalist from University of Roorkee and has won a number of awards from Institution of Engineers (India), American Welding Society, and Indian Institute of Welding. He is a life Fellow of Institution of Engineers (India) and The India Institute of Welding and a Life Member of Indian Society of Technical Education.





Elements of Petrochemical Engineering

Author :	O.P. Gupta
ISBN 13 :	978-93-86173-36-2
ISBN 10 :	93-86173-36-0
E-ISBN 13 :	978-93-86173-36-2
Edition :	First
Pages :	424
Type of book :	Paperback
Weight (g) :	640.00
Year :	2020
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 425.00
Categories :	Chemical Engineering
Condition Type :	New
Country Origin :	India

Product Description

Elements of Petrochemical Engineering book is meant for the students, teachers and practicing Engineers. This book contains the manufacture, properties and applications of important petrochemicals. Important information's about feedstocks and applications of petrochemical derived products, status of Indian Petrochemical Industry and environment standards for the petrochemical plant are given in the appendices. It also contains short questions and answers and multiple choice questions and answers drawn from examination papers of various engineering colleges for the benefits of the students. The book is targeted to benefit the following : Diploma in Engineering Students, Degree in Engineering Students, AMIE AMIIM, AMIICHE students, Faculty members and teaching staff, Practicing Engineers/Professionals. Latest and updated information/ data/statistics pertaining to the subject matter has been included in the edition for the benefit of the readers.



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

Table of 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 (C_2HCl_3). **Chapter 6:** Manufacture of Perchloroethylene (C_2Cl_4). **Chapter 7:** Production of Ethylene ($\text{CH}_2 = \text{CH}_2$). **Chapter 8:** Manufacture of Ethylene Dichloride (EDC) and Vinyl Chloride Monomer (VCM). **Chapter 9:** Production of Ethylene Oxide (EO). **Chapter 10:** Manufacture of Ethanolamines. **Chapter 11:** Manufacture of Propylene (C_3H_6). **Chapter 12:** Production of Isopropanol (Iso-Propyl Alcohol) from Propylene. **Chapter 13:** Manufacture of Acetone by Dehydrogenation of Iso-Propanol. **Chapter 14:** Manufacture of Cumene (Isopropyl Benzene from Propylene). **Chapter 15:** Production from Acrylonitrile from Propylene. **Chapter 16:** Production of Isoprene from Propylene. **Chapter 17:** Manufacture of Epichlorohydrin and Propylene Oxide. **Chapter 18:** Production of Aldehydes, Alcohols, Carboxylic Acid by Oxy-Processing of Olefins. **Chapter 19:** Manufacture of Butadiene (C_4H_6). **Chapter 20:** Important Aromatic Compounds-Benzene, Toluene & Xylene (BTX). **Chapter 21:** Production of Benzene and Toluene. **Chapter 22:** Production of Benzene by Hydrodealkylation of Toluene. **Chapter 23:** Manufacture of Xylene. **Chapter 24:** Manufacture of Phenol from Cumene. **Chapter 25:** Manufacture of Phenol from Toluene Oxidation **Chapter 26:** Manufacture of Phenol from Hydrochlorination of Benzene. **Chapter 27:** Manufacture of Phenol from Chlorobenzene. **Chapter 28:** production of Styrene from Benzene. **Chapter 29:** Production of Phthalic Anhydride from Naphthalene or O-Xylene. **Chapter 30:** Production of Maleic Anhydride ($\text{C}_4\text{H}_2\text{O}_3$) from Benzene. **Chapter 31:** Production of Terephthalic Acid (TPA) & Dimethyl Terephthalate (DMT). **Chapter 32:** Production of Toluene Di-Isocyanate (TDI). **Chapter 33:** Fundamentals of Polymerisation Technology. **Chapter 34:** Polymer Processing Technologies.

Appendix A: Petrochemicals Feedstocks, Products & Applications. **Appendix B:** Uses of Petrochemicals in Various Sectors. **Appendix C:** All About Indian Petrochemical Industry. **Appendix D:** Indian National Emission Standards for Petrochemical Plants. **Appendix E:** Glossary of Terms Related to Petrochemical Engineering. **Appendix F:** Bibliography/References/Further Reading. **Appendix G:** Objective Type Questions and Answers. **Appendix H:** Short Questions and Answers.



Authors

Om Prakash Gupta is basically being a chemical engineer, he has a practicing experience of efficient Energy 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 Program (UNDP) to study the scope of energy conservation in steel plants in 1987. **Prof. Saikat Maitra** is presently working as the Vice Chancellor of Maulana Abul Kalam Azad University of Technology, West Bengal (formerly West Bengal University of Technology). He did his B.Sc. (Honors in Chemistry) from the Presidency Colleges, Kolkata, B. Tech, M. Tech and Ph. D in Chemical Technology from the University of Calcutta. He is a Chartered Chemical Engineer and Fellow of Institute of Engineers (India). Prof. Maitra earlier worked as Professor and Principal-in-Charge at Government College of Engineering; Ceramic Technology, Associate Professor at University Technology Petronas, Malasiya and as Scientist at Central Fuel Research Institute, Dhanbad. He has worked in industries too. Prof. Maitra published 150 research papers in different national & international journals, presented 60 papers in different conferences, filed two patents, authored three books and three book chapters. He has guided twelve Ph. D students, completed several funded research projects, organized several training program and workshops. He visited many countries like US, Australia, Italy, Malasiya, Singapore, Thailand, Bangladesh, Bahrain etc for delivering lecturers.

