

Advance Microprocessor

Author: A.K. Gautam

ISBN 13: 978-93-81068-92-2

ISBN 10: 93-81068-92-5

E-ISBN 13: 978-93-81068-92-2

Edition: First

Pages: 424

Type of

Paperback book:

Weight (g)

560.00

2021 Year:

Language: English

Publisher: Khanna Publishing House

Regular

Price:

Rs 599.00

Sale Price: Rs 479.20

All books, Electrical, Electronics &

Categories

Communication Engineering, Electrical,

Electronics & Communication

Engineering, UNIVERSITY

RECOMMENDED

SKU: Advance Microprocessor

Condition

Type:

New

Country Origin:

India



Product Description

Each topic is well explained by illustration and photographs. The book covers basic microprocessors to advanced processors in a consistent progression from theoretical concept to design considerations. The operation of various microprocessors is described with the help of pin diagram, functional diagram and timing diagrams. A large number of working programs, problem, and the each chapter are summarized in the end.

Table of Contents

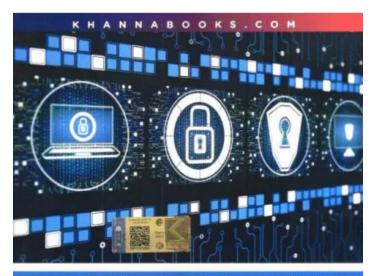
Chapter 1: Introduction To Microprocessors Chapter 2: The 8085 Microprocessor Chapter 3: Architecture And Addressing Modes of The 16 bit 8086 Microprocessor Chapter 4: The 8086/8088 Microprocessor CPU Module Design Chapter 5: Assembly Language Programming Chapter 6: Data Movement Instructions Chapter 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

Author

A.K. Gautam Dr. A.K.Gautam received Ph. D. degree in Electronic Engineering from Indian institute of Technology. Banaras Hindu University, Varanasi, India, in 2007. prof. Gautam is a senior faculty member in the Department of Electronics & Communication Engineering. G.B. Pant Engineering College, Pauri Garwal, India. Dr. Gautam is an active member many academic committees of different Institute and Universities of repute. he is a member of IEEE (USA)



K H A N N A B O O K S . C O M



INFORMATION SECURITY and CYBER LAWS

SARIKA GUPTA • GAURAV GUPTA

AICTE Pacammandad Taythaak as nor Madel Curriculum -201

Information Security & Cyber Laws

Author: Gaurav Gupta

ISBN 13: 978-93-81068-24-3

ISBN 10: 93-81068-24-0

E-ISBN 13: 978-93-81068-24-3

Edition: First

Pages: 424

Type of

book:

Paperback

Weight (g): 575.00

Year: 2025

Language: English

Publisher: Khanna Publishing House

Regular

Price:

Rs 465.00

Sale Price: Rs 372.00

All books, Computer Science

Categories: Engineering, Computer Science

Engineering, UNIVERSITY

RECOMMENDED

Condition

Type:

New

Country

Origin:

India

Product Description

Introduction of Information Security and security and cyber law covers the fundamentals aspect of system,
Information system, Distributed Information system, Cryptography, Network Security e.t.c.. It is Incredibly robust,
portable & adaptable. This book coverage of Model paper, Question Bank and Examination Question Paper etc.



Table of 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

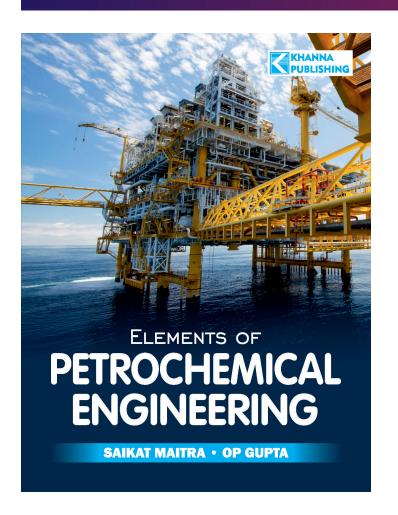
Model papers

Question Bank

Author

Gaurav Gupta Gaurav Gupta is currently working as Manager Client Services in an IT MNC. He has more than Nine years of corporate experience with different MNCs. He has published Research Papers in various international Journals and attended conferences at several states. His area of interest includes Server and Databases, Data Center technologies and IT infrastructure, Project Management, Marketing Automation and different enterprise software's, CRM, ERP etc. **Sarika Gupta** Sarika Gupta is currently working as Assistant Professor in the Department of Computer Science and Engineering at Dronacharya College of Engineering, Greater Noida. She has more than six years of teaching and corporate experience. She has already published Research Papers in various international Journals and conferences of repute. Her area of interest and research includes AdHoc Network, Java, Object Oriented System and Soft Computing etc.





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

Year: 2020

Language: English

Publisher: Khanna Publishing House

Regular

Price : Rs 425.00

Sale Price: Rs 340.00

All books, Chemical Engineering,

Categories: Chemical Engineering, UNIVERSITY

RECOMMENDED

Condition

Type:

New

Country

Origin :



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 informations/ data/statistics pertaining to the subject matter has been included in the edition for the benefit of the readers.



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_A) Chapter 5: Manufacture of Trichloroethylene $(C1HC = CCI_2)$ Chapter 6: Manufacture of Perechloroethylene ($Cl_2Cl = CCl_2$) Chapter 7: Production of Ethylene ($CH_2 = Ch_2$) 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 (C3H6) 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 Proplene Oxide Chapter 18: Production of Aldehydes, Alcohols, Carboxylic Acid by Oxy-Processing of Olefins Chapter 19: Manufacture of Butadeine (C_4H_6) Chapter 20: Important Aromatic Compounds-Benzene, Tolune & Xylene (BTX) Chapter 21: Production of Benzene and Toluene Chapter 22: Production of Benzene by Hydrodealkylation of Tolune 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 Phthalmic Anhydride from Napthalene or O-Xylene Chapter 30: Production of Maleic Anhydride (C₁H₂O₃) from Benzene Chapter 31: Production of Terephthalic Acid (TPA) & Dimethyl Terephthalate (DMT) Chapter 32: Production of Toulene 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



Author

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. Saikat Maitra 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 (Honours 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 programmes and workshops. He visited many countries like US, Australia, Italy, Malasiya, Singapore, Thailand, Bangladesh, Baharain etc for delivering lecturers.

