

Engineering Mechanics (With lab Manual)

Author: B. B. Gokaldas

ISBN 13: 978-93-55381-62-0

ISBN 10: 93-55381-62-X

E-ISBN 13: 978-93-55381-62-0

Edition: 1

Pages: 224

Type of book : Paperback

Year: 2025

Language: Malayalam

Publisher: Khanna Publishing House

Categories:

AICTE Prescribed Textbooks,

Ebooks, Malayalam

Condition Type: New

Country Origin : India

Product Description

"Engineering Mechanics with Lab Manual" is a compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE). Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student's comprehension. Also in each unit the laboratory practical pertaining to unit is included. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.

- 2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc. 3. Student and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, equations and activities are insert to improve clarity of the topics.
- 5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.
- 6. Solved and unsolved problems including numerical examples taken with systematic steps.



Table of Contents

Foreword,

Acknowledgement,

Preface,

Outcome Based Educations,

Course Outcomes,

Abbreviations and symbols,

List of Figures,

Guidelines for Teachers,

Guidelines for Students,

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.

Chapter 6: Appendix.

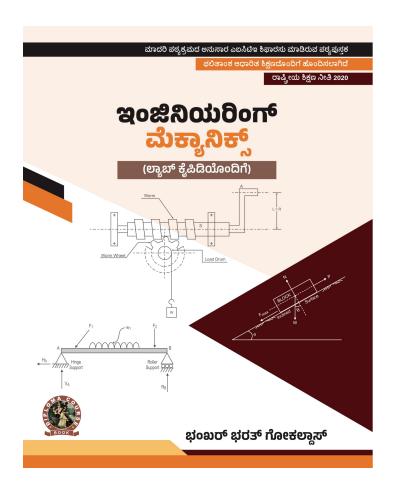
Index

Author

B. B. Gokaldas

Vandana Somkuwar





Engineering Mechanics | AICTE Prescribed Textbook

Author: B. B. Gokaldas

ISBN 13: 978-93-55380-14-2

ISBN 10: 93-55380-14-3

E-ISBN 13: 978-93-55380-14-2

Edition: 1

Pages: 224

Type of book : Paperback

Weight (g): 300

Year: 2024

Language: Kannada

Publisher: Khanna Publishing House

Categories:AICTE Prescribed Textbooks,

Ebooks, Kannada Books

Condition Type: New



Product Description

"Engineering Mechanics with Lab Manual" is a compulsory for the first year Diploma course in Engineering 7
Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE). Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student's comprehension. Also in each unit the laboratory practical pertaining to unit is included. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.

2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc. 3. Student and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, equations and activities are insert to improve clarity of the topics. 5.

Objective questions, Short questions and long answer exercise given for practice of students after every unit. 6.

Solved and unsolved problems including numerical examples taken with systematic steps.

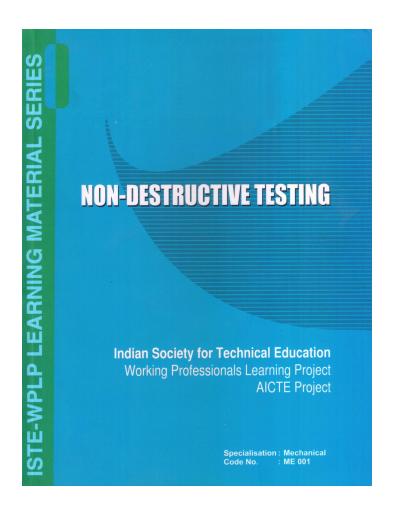
Table of Contents

Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and symbols, List of Figures, Guidelines for Teachers, Guidelines for Students, 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. Chapter 6: Appendix. Index

Authors

B. B. Gokaldas Vandana Somkuwar





Non-Destructive Testing

Author: C. R. L. Murthy

ISBN 13: 978-93-55386-29-8

ISBN 10: 93-55386-29-X

E-ISBN 13: 978-93-55386-29-8

Edition: 1

Pages: 224

Type of book : Paperback

Weight (g): 470.00

Year: 2007

Language: English

Publisher: Khanna Publishing House

M.R.P: Rs 325.00

Categories : Civil Engineering, ISTE Series

SKU: 1725734051

Condition Type: New

Country Origin: India

Product Description

Quality, Reliability and Structural Integrity Evaluation have been the key words for a Safe world. Non-invasive industrial diagnostics though have been in practice through intuitive methods since times immemorial, the scientific formalization of the term Nondestructive Testing (NDT) which is synonymously used with Nondestructive Evaluation (NDE) and Nondestructive Inspection (NDI) is only a few centuries old. With the evolving needs of the industry the Science and Technology of NDE has lead to tremendous Research and Development efforts and standardization of testing techniques to meet these ever changing requirements. In fact, the basic concept of the subject itself has taken a transformation and brought forth a newer title Structural Health Monitoring (SHM) and Smart Structures hand in hand with the changing concepts of design and discovery of newer materials to achieve higher levels of safety, quality and reliability via real time diagnosis and implementation of healing strategies.



Table Of Content

FOREWORD

PREFACE

SECTION-I INTRODUCTION

Chapter 1: NDT & E- ITS Significance.

SECTION II General and Simple Methods

Chapter 2: Liquid Penetrant Testing.

Chapter 3: Visual Inspection.

Chapter 4: Leak Testing.

SECTION III Magnetic and Electro Magnetic Methods

Chapter 5: Radiography.

Chapter 6: Real -Time Radiography.

Chapter 7: Computed Tomography.

Chapter 8: Magnetic Particle Testing

Chapter 9: Eddy Current Testing.

Chapter 10: Thermal Inspection.

SECTION IV Acoustic Methods

Chapter 11: Ultrasonic Testing.

Chapter 12: Acoustic Emission Testing.

SECTION V Other techniques

Chapter 13: Microwave Inspection.

Chapter 14: Shearography.

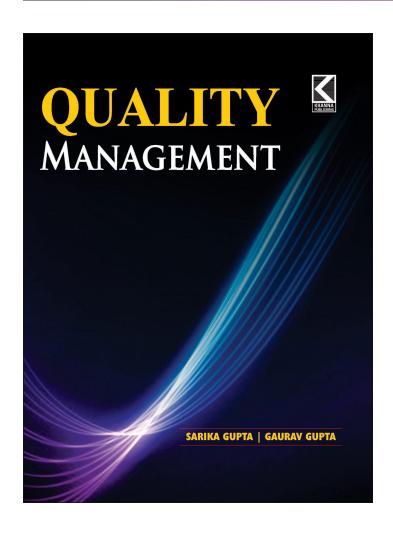
Bibliography



Authors

Prof. C. R. L. Murthy is currently a Professor at the Department of Aerospace Engineering, Indian Institute of Science, Bangalore. He has more than three decades of experience in teaching and practicing different NDE methods. He has been a pioneer specialized in the field of NDT & E in the country. **Dr. M. R. Bhat** is currently working as Principal Research Scientist at the Department of Aerospace Engineering, Indian Institute of Science, Bangalore. He has more than twenty years of experience in teaching and practicing NDE methods.





Quality Management

Author: Gaurav Gupta

ISBN 13: 978-93-82609-45-2

ISBN 10: 93-82609-45-8

E-ISBN 13: 978-93-82609-45-2

Edition: 1

Pages: 224

Type of book : Paperback

Weight (g): 300.00

Year: 2015

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 195.00

Categories : Computer Science Engineering

Condition Type: New

Country Origin: India

Product Description

Quality management thinking has influenced a revolution in the way organizations are managed over the past few decades. Idea such as customer focus, ethical management, continuous improvement, Six sigma, leadership and organizational learning have all been impacted by and in some cases developed from this important field. this provides a coherent view of the underlying principles quality management, and how these relate to practical application in a range of organizations. This book is designed to provide an overview of the key elements, important historical context and current debates in the field of quality management. It aims to give a coherent view of the underlying principles of quality management, and how these relate to practical application in a range of organization.



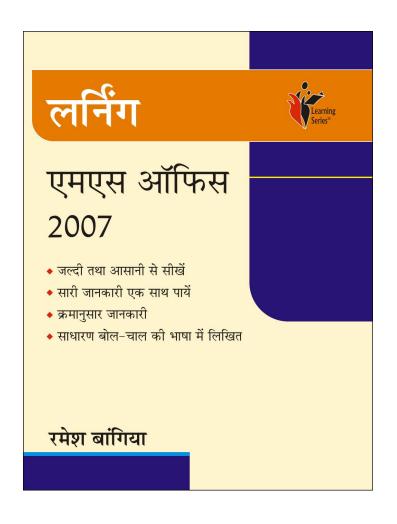
Table of Contents

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.

Authors

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 Ad hoc Network, Java, Object Oriented System and Soft Computing etc.





Learning MS Office 2007

Author: Ramesh Bangia

ISBN 13: 978-93-80016-54-2

ISBN 10: 93-80016-54-9

E-ISBN 13: 978-93-80016-54-2

Edition: 1

Pages: 224

Type of book : Paperback

Weight (g): 300.00

Year: 2011

Language: Hindi

Publisher: Khanna Publishing House

M.R.P: Rs 225.00

BASIC COMPUTER BOOKS,

Categories: Computer Books - Hindi,

Learning Series

Condition Type: New

Country Origin: India

Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.



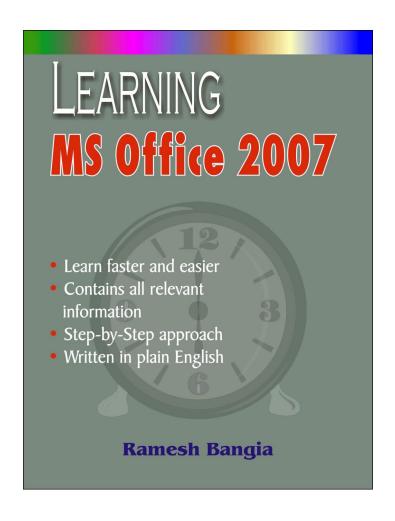
Table of Contents

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: Keyboard Shortcuts of Microsoft Office 2007. Chapter 7: Ouestions.

Author

Ramesh Bangia For the last fifteen years, Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.





Learning MS Office 2007

Author: Ramesh Bangia

ISBN 13: 978-81-90611-67-1

ISBN 10: 81-90611-67-4

E-ISBN 13: 978-81-90611-67-1

Edition: 1

Pages: 224

Type of book : Paperback

Weight (g): 300.00

Year: 2015

Language : English

Publisher: Khanna Publishing House

M.R.P: Rs 225.00

Categories:BASIC COMPUTER BOOKS,

Learning Series

Condition Type: New

Country Origin: India

Product Description

The complete Learning Series has been designed in a very systematic and logical manner. Each topic has been developed from the basic concepts. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book. The language of the text of the book is lucid, direct and easy-to understand. Each chapter is laced with various diagrams wherever possible. Functions has been explained in full and some of them have been explained in the form of examples. Tips for working faster using the keyboard shortcuts are also provided.



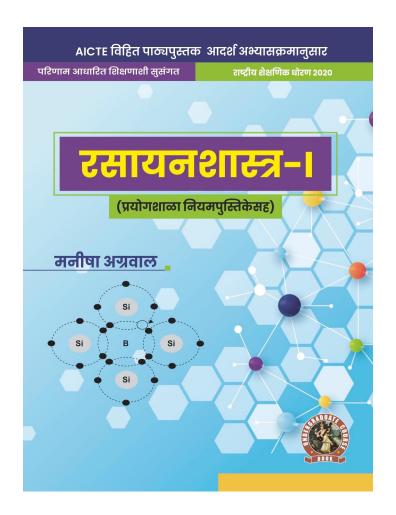
Table of Contents

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.

Author

Ramesh Bangia For the last fifteen years, Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.





Chemistry-I (with Lab Manual)

Author: Manisha Agrawal

ISBN 13: 978-93-55380-16-6

ISBN 10: 93-55380-1X-

E-ISBN 13: 978-93-55380-16-6

Edition: First

Pages: 224

Type of book : Paperback

Weight (g): 300.00

Year: 2022

Language: Marathi

Publisher: Khanna Publishing House

Categories:AICTE Prescribed Textbooks,

Ebooks, Marathi Books

Condition Type: New



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: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for us of ICT, Projects group discussion etc. 3. Students and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics. 5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. 6. Solved and unsolved problems including numerical examples are solved with systematic steps.



Table of Contents

Foreword

Acknowledgement

Preface

Outcome Based Education

Course Outcomes

Abbreviations and Symbols

List of Figures

List of Tables

Guidelines for Teacher

Guidelines for Students

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.

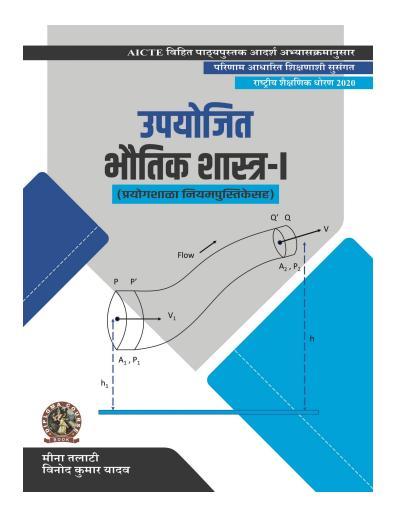
Chapter 8: Annexure.

Chapter 9: Appendices.

Author

Dr. Manisha Agarwal is Dean, Basic Sciences at Chhattisgarh Swami Vivekanandan 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.





Applied Physics-I (with Lab Manual)

Author: Mina Talati

ISBN 13: 978-93-55380-46-3

ISBN 10: 93-55380-46-1

E-ISBN 13: 978-93-55380-46-3

Edition: First

Pages: 224

Type of book : Paperback

Weight (g): 280.00

Year: 2022

Language : Marathi

Publisher: Khanna Publishing House

Categories:AICTE Prescribed Textbooks,

Ebooks, Marathi Books

Condition Type: New



Product Description

"Applied Physic-I" is a compulsory paper for the first year Diploma course in Engineering & Technology. Syllabus of this books is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concepts of outcome-based education. Book covers six topics- Physical World, Units and Measurements; Force and Motion; Work, Power and Energy; Rotational Motion; Properties of Matter; Heat and Thermometry. Each topic is written in easy and lucid manner. Every chapter contains a set of exercise at the end of each unit to test the student's comprehension. Some salient features of the book: 1. Content of the book is aligned with the mapping of Course Outcome, Programs Outcomes and Unit Outcomes. 2. Book provides lots of interested facts, QR Code for Eresources, QR Code for use of ICT etc. 3. Students and teacher centric subject materials are included in book with balanced and chronological manner. 4. Figures and tables are inserted to improve clarity of the topics. 5. Short questions, objective questions and long answer exercises of different difficulty levels are given for practice after every chapter. 6. Solved numerical examples are provided with systematic steps in each chapter followed by numerical exercises with hints.

Table of Contents

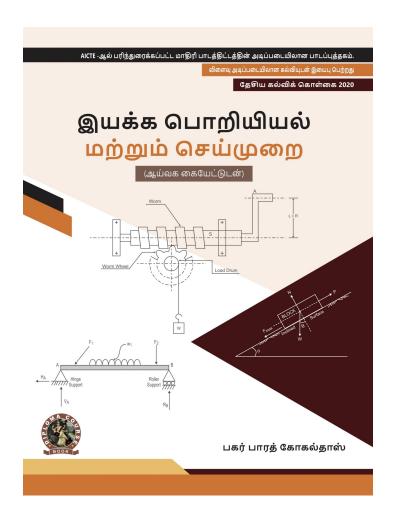
Unit 1: Physical World, Units and Measurements. Unit2: Force and Motion. Unit 3: Work, Power and energy. Unit 4: Rotational Motion. Unit 5: Properties of Matter. Unit 6: heat and Thermometry. Annexes Appendices

Index

Author

Mina Talati Vinod Kumar Yadav





Engineering Mechanics (with Lab Manual)

Author: B. B. Gokaldas

ISBN 13: 978-93-91505-32-5

ISBN 10: 93-91505-32-5

E-ISBN 13: 978-93-91505-32-5

Edition: First

Pages: 224

Type of book : Paperback

Weight (g): 310.00

Year: 2022

Language : Tamil

Publisher: Khanna Publishing House

Categories:AICTE Prescribed Textbooks,

Ebooks, Tamil Books

Condition Type: New



Product Description

"Engineering Mechanics with Lab Manual" is a compulsory for the first year Diploma course in Engineering 7
Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE). Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student's comprehension. Also in each unit the laboratory practical pertaining to unit is included. Some salient features of the book: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.

2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc. 3. Student and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, equations and activities are insert to improve clarity of the topics. 5.

Objective questions, Short questions and long answer exercise given for practice of students after every unit. 6.

Solved and unsolved problems including numerical examples taken with systematic steps.

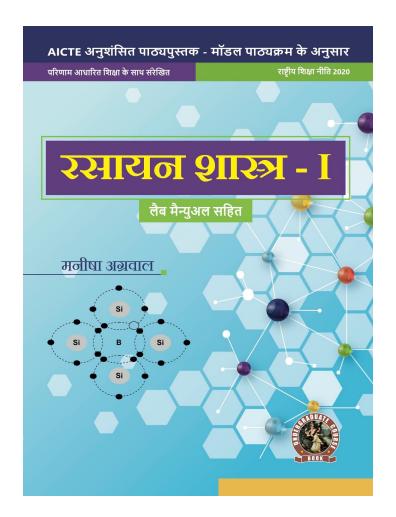
Table of Contents

Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and symbols, List of Figures, Guidelines for Teachers, Guidelines for Students, 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. Appendix Index

Authors

B. B. Gokaldas Vandana Somkuwar





Chemistry I (with Lab Manual)

Author: Manisha Agrawal

ISBN 13: 978-93-55380-91-3

ISBN 10: 93-55380-91-7

E-ISBN 13: 978-93-55380-91-3

Edition: First

Pages: 224

Type of book : Paperback

Weight (g): 300.00

Year: 2023

Language: Hindi

Publisher: Khanna Publishing House

Categories:AICTE Prescribed Textbooks,

Ebooks, Hindi Books

Condition Type: New



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: 1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes. 2. Book Provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for us of ICT, Projects group discussion etc. 3. Students and teacher centric subject materials included in book with balanced and chronological manner. 4. Figures, tables, chemical equations and comparative charts are inserted to improve clarity of the topics. 5. Short questions, objective questions and long answer exercises are given for practice of students after every chapter. 6. Solved and unsolved problems including numerical examples are solved with systematic steps.



Table of Contents

Foreword

Acknowledgement

Preface

Outcome Based Education

Course Outcomes

Abbreviations and Symbols

List of Figures

List of Tables

Guidelines for Teacher

Guidelines for Students

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.

Chapter 8: Annexure.

Chapter 9: Appendices.

Author

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.

