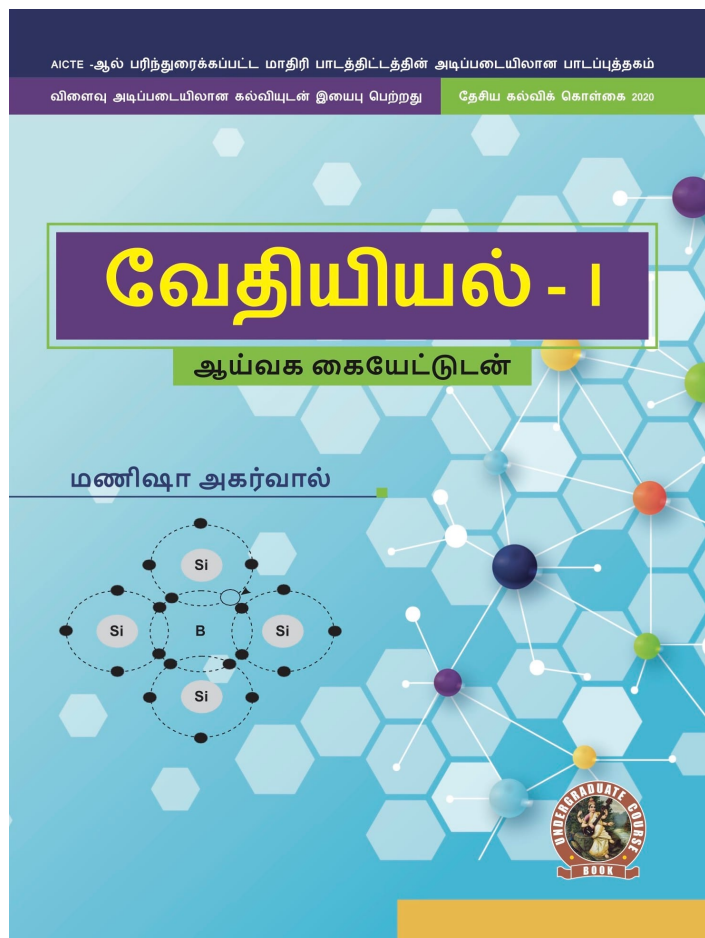




Chemistry I (with Lab Manual)

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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 in 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 use 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.

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