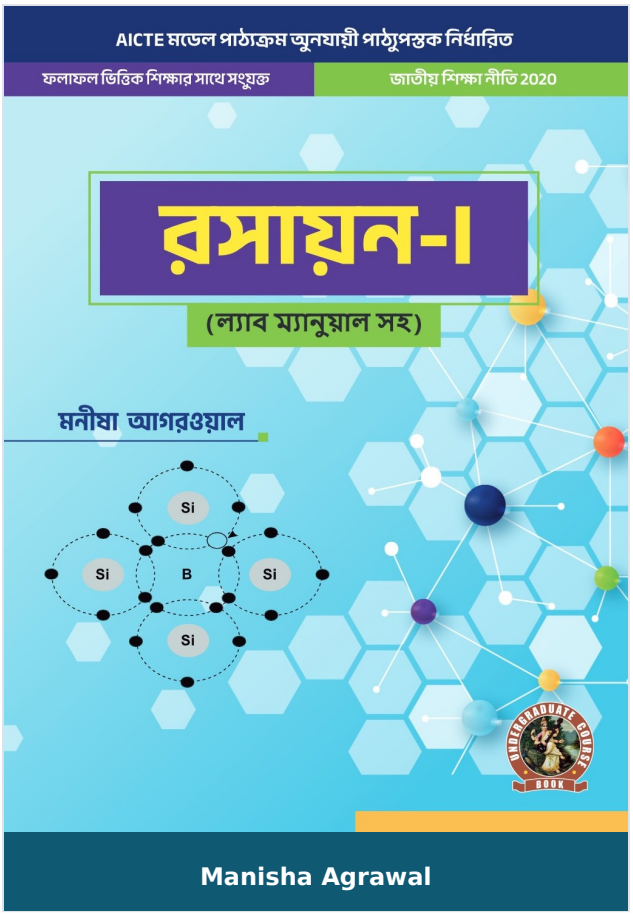


Chemistry I (with Lab Manual)

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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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