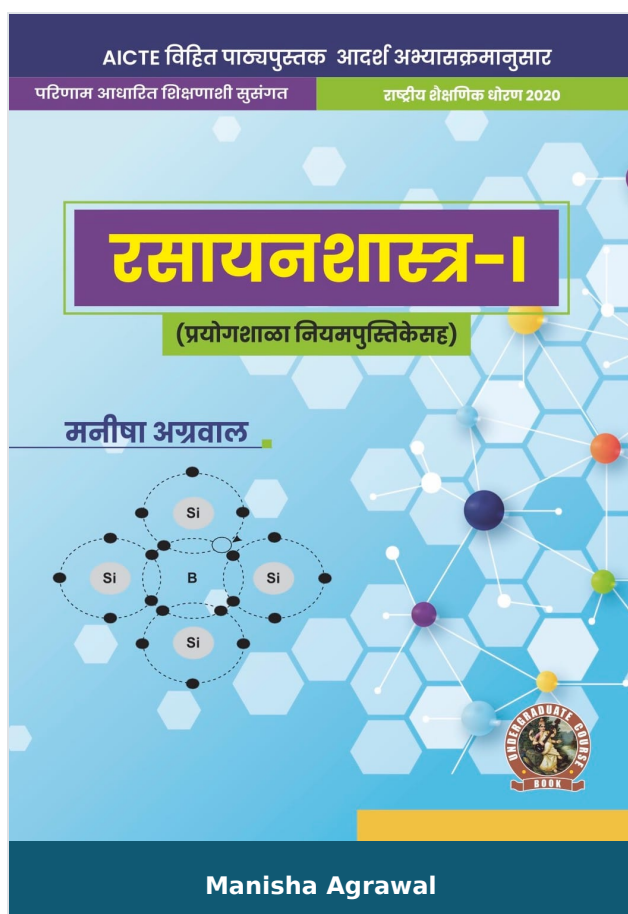




## Chemistry-I (with Lab Manual)

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Manisha Agrawal                                                                                                     |
| <b>ISBN 13 :</b>        | 978-93-55380-16-6                                                                                                   |
| <b>ISBN 10 :</b>        | 93553801X                                                                                                           |
| <b>E-ISBN 13 :</b>      | 978-93-55380-16-6                                                                                                   |
| <b>Edition :</b>        | First                                                                                                               |
| <b>Pages :</b>          | 224                                                                                                                 |
| <b>Type of book :</b>   | Physical                                                                                                            |
| <b>Year :</b>           | 2022                                                                                                                |
| <b>Language :</b>       | English                                                                                                             |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                             |
| <b>M.R.P :</b>          | Rs 395.00                                                                                                           |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks,</a><br><a href="#">Marathi Books, Book Store,</a><br><a href="#">Ebooks</a> |
| <b>Condition Type :</b> | New                                                                                                                 |
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## 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
- Atomic and
- Molecular Structure
- Spectroscopic
- Techniques and Applications
- Intermolecular
- Forces and Potential Energy Surfaces
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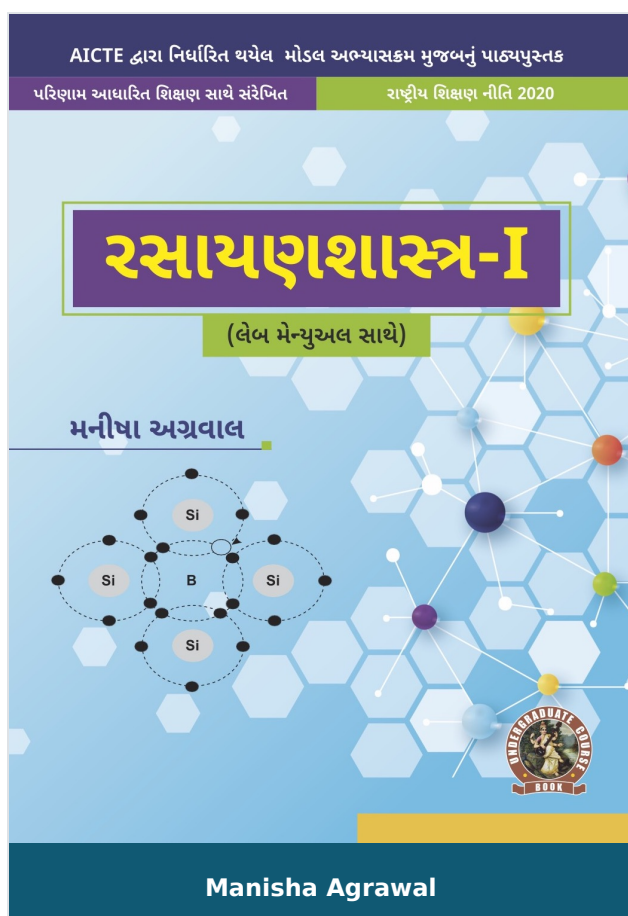
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| <b>ISBN 10 :</b>        | 9355381522                                                                                                           |
| <b>E-ISBN 13 :</b>      | 978-93-55381-52-1                                                                                                    |
| <b>Edition :</b>        | First                                                                                                                |
| <b>Pages :</b>          | 212                                                                                                                  |
| <b>Type of book :</b>   | Physical                                                                                                             |
| <b>Year :</b>           | 2023                                                                                                                 |
| <b>Language :</b>       | English                                                                                                              |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                              |
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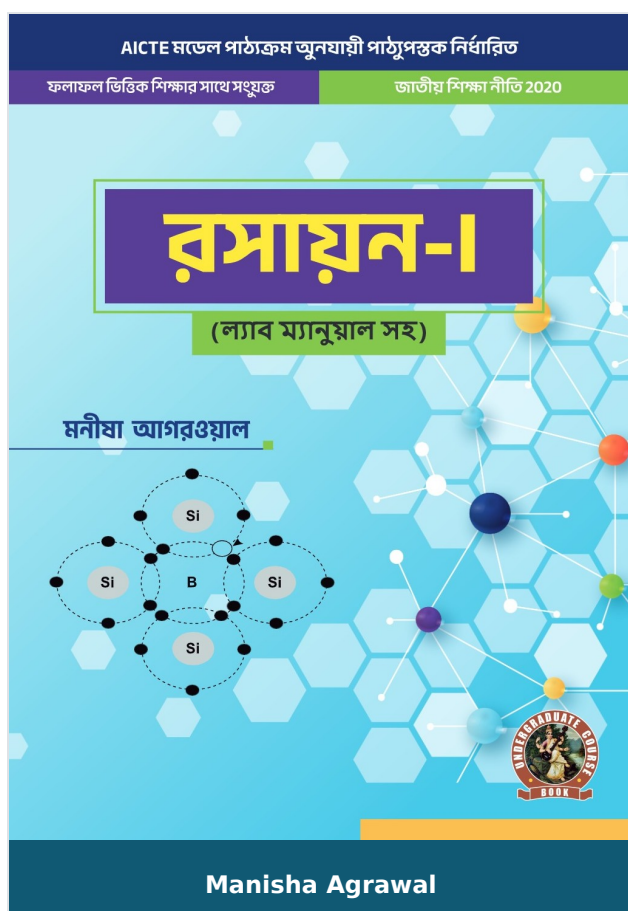
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- Acknowledgement
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| <b>ISBN 10 :</b>        | 9355381026                                                                   |
| <b>E-ISBN 13 :</b>      | 978-93-55381-02-6                                                            |
| <b>Edition :</b>        | 1                                                                            |
| <b>Pages :</b>          | 244                                                                          |
| <b>Type of book :</b>   | Physical                                                                     |
| <b>Year :</b>           | 2025                                                                         |
| <b>Language :</b>       | English                                                                      |
| <b>Publisher :</b>      | Khanna Publishing House                                                      |
| <b>M.R.P :</b>          | Rs 295.00                                                                    |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks,</a><br><a href="#">Bengali Books</a> |
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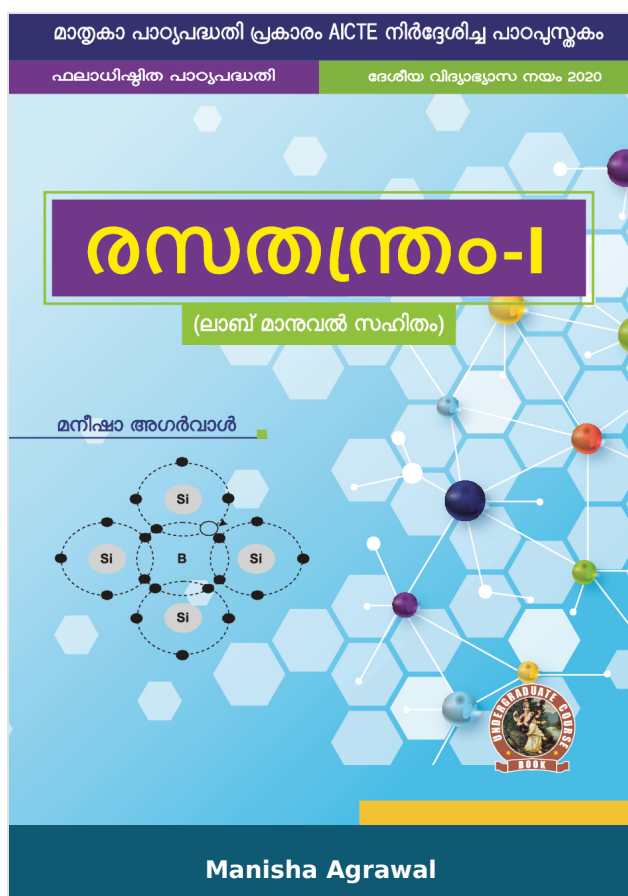
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- Abbreviations and Symbols
- List of Figures
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- Spectroscopic Techniques and Applications.
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| <b>ISBN 13 :</b>        | 978-93-55381-39-2                                                               |
| <b>ISBN 10 :</b>        | 9355381395                                                                      |
| <b>E-ISBN 13 :</b>      | 978-93-55381-39-2                                                               |
| <b>Edition :</b>        | 1                                                                               |
| <b>Pages :</b>          | 288                                                                             |
| <b>Type of book :</b>   | Physical                                                                        |
| <b>Year :</b>           | 2025                                                                            |
| <b>Language :</b>       | English                                                                         |
| <b>Publisher :</b>      | Khanna Publishing House                                                         |
| <b>M.R.P :</b>          | Rs 295.00                                                                       |
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## Table Of Contents

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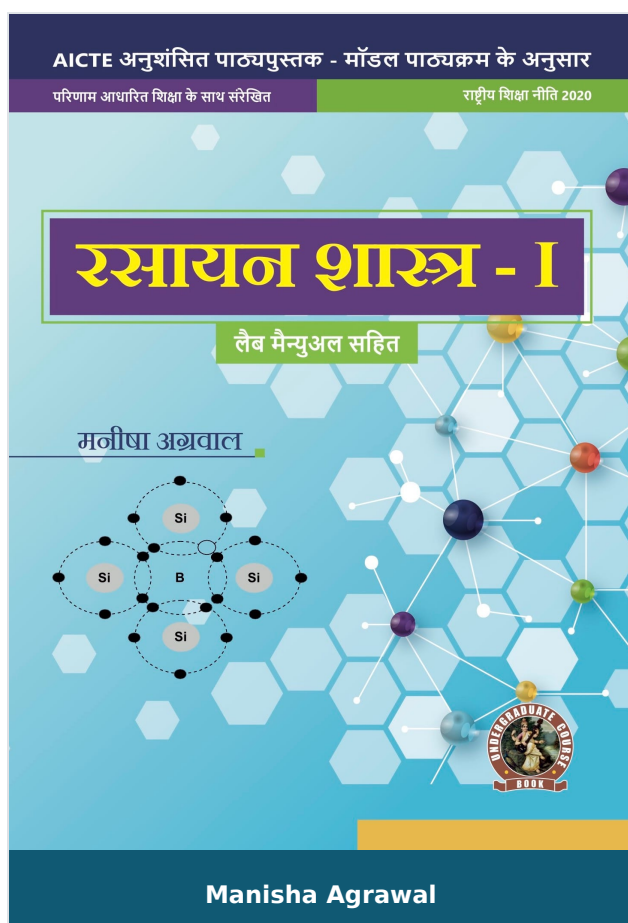
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- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
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- Atomic and Molecular Structure.
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| <b>Author :</b>         | Manisha Agrawal                                                             |
| <b>ISBN 13 :</b>        | 978-93-55380-91-3                                                           |
| <b>ISBN 10 :</b>        | 9355380917                                                                  |
| <b>E-ISBN 13 :</b>      | 978-93-55380-91-3                                                           |
| <b>Edition :</b>        | First                                                                       |
| <b>Pages :</b>          | 224                                                                         |
| <b>Type of book :</b>   | Physical                                                                    |
| <b>Year :</b>           | 2023                                                                        |
| <b>Language :</b>       | English                                                                     |
| <b>Publisher :</b>      | Khanna Publishing House                                                     |
| <b>M.R.P :</b>          | Rs 495.00                                                                   |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks, Hindi Books, Book Store, Ebooks</a> |
| <b>Condition Type :</b> | New                                                                         |
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## 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
- Atomic and
- Molecular Structure
- Spectroscopic
- Techniques and Applications
- Intermolecular
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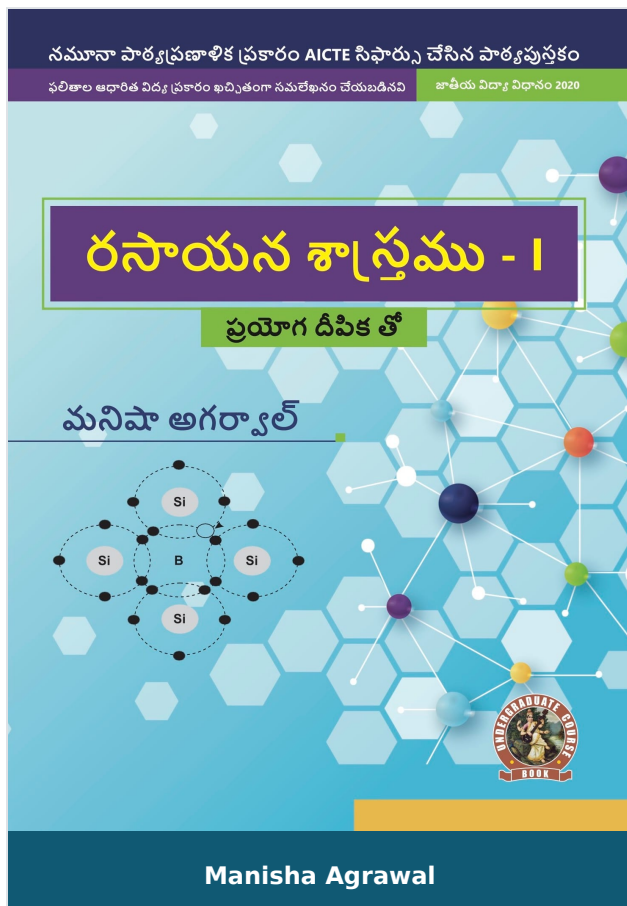
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| <b>ISBN 13 :</b>        | 978-93-91505-48-6                                                                               |
| <b>ISBN 10 :</b>        | 9391505481                                                                                      |
| <b>E-ISBN 13 :</b>      | 978-93-91505-48-6                                                                               |
| <b>Edition :</b>        | First                                                                                           |
| <b>Pages :</b>          | 300                                                                                             |
| <b>Type of book :</b>   | Physical                                                                                        |
| <b>Year :</b>           | 2022                                                                                            |
| <b>Language :</b>       | English                                                                                         |
| <b>Publisher :</b>      | Khanna Publishing House                                                                         |
| <b>M.R.P :</b>          | Rs 495.00                                                                                       |
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- Preface
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- List of Figures
- List of Tables
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- Molecular Structure
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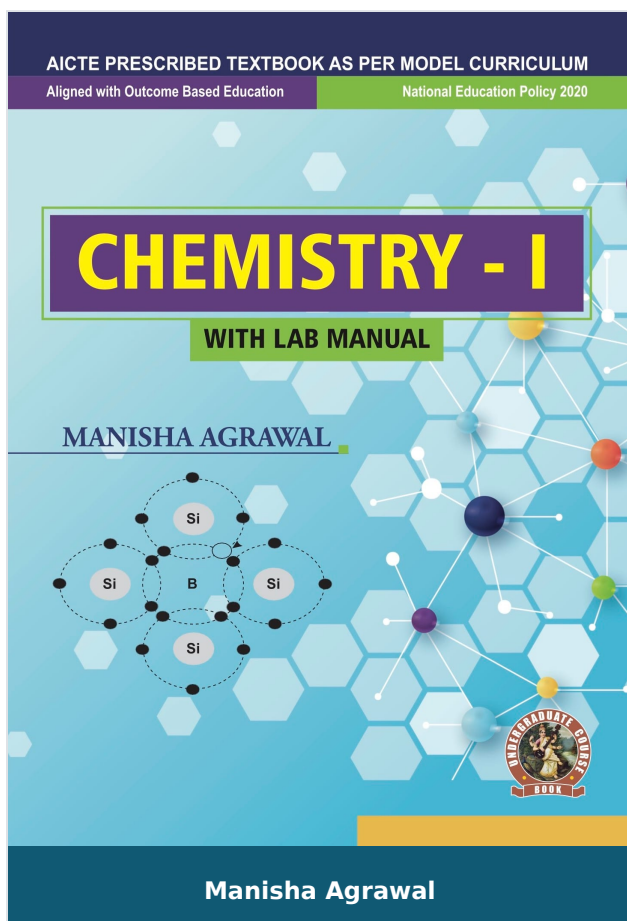
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| <b>ISBN 10 :</b>        | 9391505147                                                                                                                                                                |
| <b>E-ISBN 13 :</b>      | 978-93-91505-14-1                                                                                                                                                         |
| <b>Edition :</b>        | First                                                                                                                                                                     |
| <b>Pages :</b>          | 220                                                                                                                                                                       |
| <b>Type of book :</b>   | Physical                                                                                                                                                                  |
| <b>Year :</b>           | 2024                                                                                                                                                                      |
| <b>Language :</b>       | English                                                                                                                                                                   |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                                                                                   |
| <b>M.R.P :</b>          | Rs 295.00                                                                                                                                                                 |
| <b>Categories :</b>     | <a href="#">AICTE Prescribed Textbooks,</a><br><a href="#">English Books, Book Store,</a><br><a href="#">Ebooks, Applied Sciences &amp;</a><br><a href="#">Humanities</a> |
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- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Atomic and
- Molecular Structure
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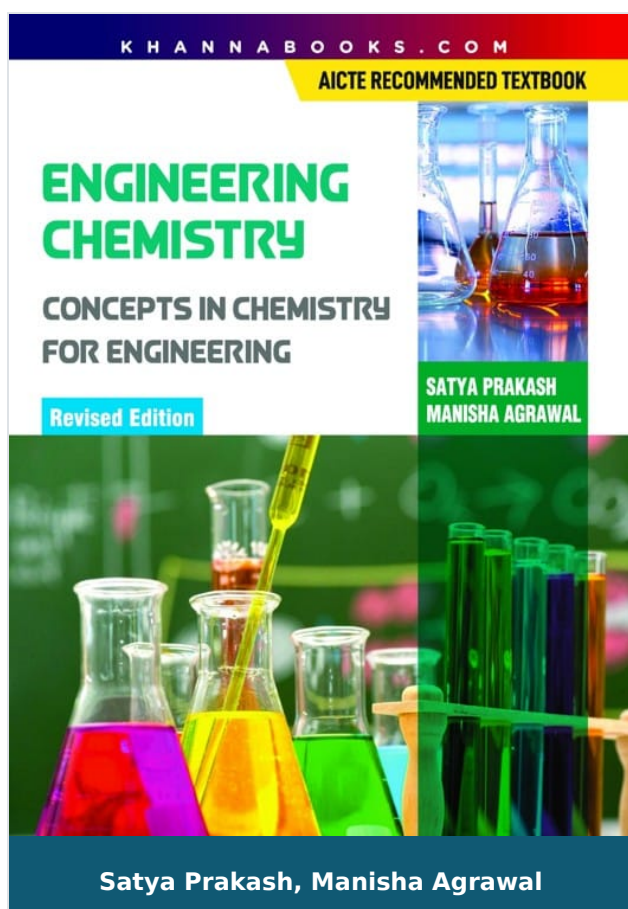
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## Engineering Chemistry

|                         |                                                                                                                         |
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| <b>Author :</b>         | Satya Prakash, Manisha Agrawal                                                                                          |
| <b>ISBN 13 :</b>        | 978-93-80016-75-7                                                                                                       |
| <b>ISBN 10 :</b>        | 9380016751                                                                                                              |
| <b>E-ISBN 13 :</b>      | 978-93-80016-75-7                                                                                                       |
| <b>Edition :</b>        | Revised                                                                                                                 |
| <b>Pages :</b>          | 240                                                                                                                     |
| <b>Type of book :</b>   | Physical                                                                                                                |
| <b>Year :</b>           | 2024                                                                                                                    |
| <b>Language :</b>       | English                                                                                                                 |
| <b>Publisher :</b>      | Khanna Publishing House                                                                                                 |
| <b>M.R.P :</b>          | Rs 399.00                                                                                                               |
| <b>Categories :</b>     | <a href="#">University Recommended, Applied science &amp; Humanities, Book Store, Applied Sciences &amp; Humanities</a> |
| <b>Condition Type :</b> | New                                                                                                                     |
| <b>Country Origin :</b> | India                                                                                                                   |

## Product Description

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The book has been written in simple language to help self study. The concepts have been explained with the help of equations and diagrams. The diagrams have been nicely labeled for clear understanding. Numerical examples have been solved with systematic steps. Solved and unsolved problems have been included. Experiments prescribed for engineering chemistry course have been included. theory and principle of each experiment have been explained in detail. Experimental producers have been written in an step wise manner. Viva voice has been discussed at the end of each experiment. Important points have been emboldened.

## Table Of Contents

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- Atomic and Molecular Structure
- Spectroscopic Techniques and Applications
- Intramolecular Forces and Potential Energy Surfaces
- Use of Free Energy in Chemical Equilibria
- Periodic Properties
- Stereochemistry and Organic Reactions
- Objectives
- Index

## Author

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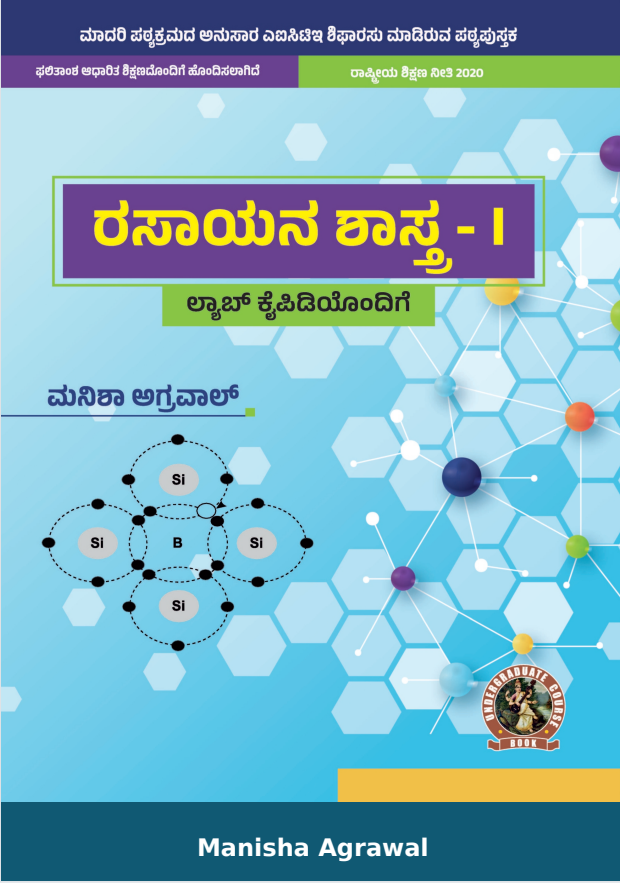
### Satya Prakash

Satya Prakash is presently professor of Chemistry at Guru Teg Bahadur Institute of Technology, GGSIP University, New Delhi. He has earlier been associated with teaching and research work at Delhi University, University of Jodhpur, University of New South Wales, Sydney (Australia), La Trobe University, Melbourne (Australia) and University of Zambia, Zambia for about 40 years. Dr. Prakash has published about 25 research papers in National and International Journals of repute. He has also vetted and edited a number of books published by the Ministry of HRD, Government of India."

### Manisha Agrawal

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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.



## Chemistry I (with Lab Manual)

**Author :** Manisha Agrawal

**ISBN 13 :** 978-93-91505-46-2

**ISBN 10 :** 9391505465

**E-ISBN 13 :** 978-93-91505-46-2

**Edition :** 1

**Pages :** 268

**Type of book :** Physical

**Year :** 2023

**Language :** English

**Publisher :** Khanna Publishing House

**M.R.P :** Rs 395.00

**Categories :** [AICTE Prescribed Textbooks,](#)  
[Kannada Books, Book Store,](#)  
[Ebooks](#)

**Condition Type :** New

**Country Origin :** India

## Product Description

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“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.

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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.
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## Table Of Contents

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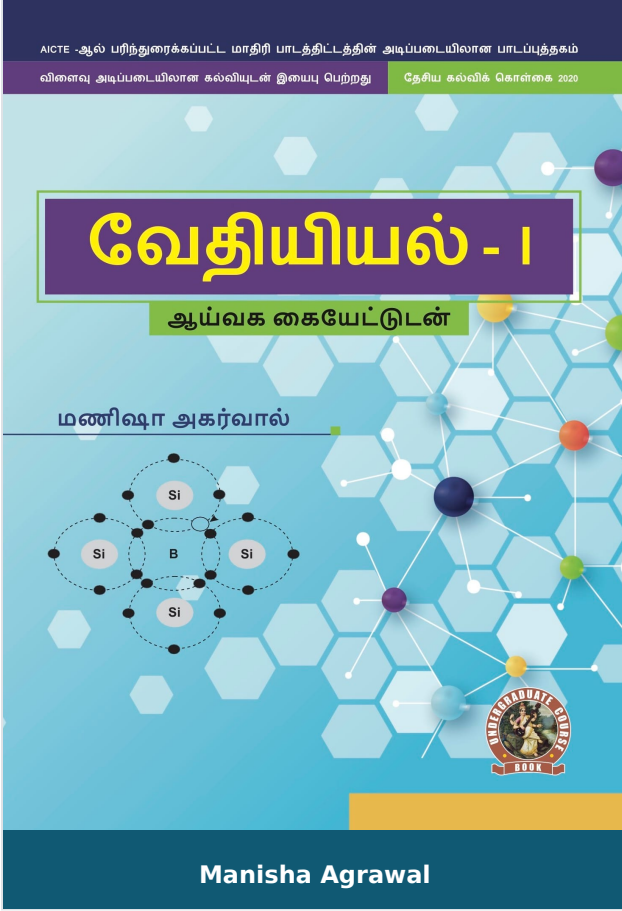
- Foreword
- Acknowledgement
- Preface
- Outcome Based Education
- Course Outcomes
- Abbreviations and Symbols
- List of Figures
- List of Tables
- Guidelines for Teacher
- Guidelines for Students
- Atomic and Molecular Structure
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**Manisha Agrawal**

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.



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|-------------------------|------------------------------------------------------------------------------------------------|
| <b>Author :</b>         | Manisha Agrawal                                                                                |
| <b>ISBN 13 :</b>        | 978-93-91505-66-0                                                                              |
| <b>ISBN 10 :</b>        | 939150566X                                                                                     |
| <b>E-ISBN 13 :</b>      | 978-93-91505-66-0                                                                              |
| <b>Edition :</b>        | First                                                                                          |
| <b>Pages :</b>          | 260                                                                                            |
| <b>Type of book :</b>   | Physical                                                                                       |
| <b>Year :</b>           | 2022                                                                                           |
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---

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### Manisha Agrawal

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