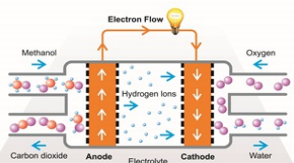


Engineering Chemistry

Third Edition



R.V. GADAG
A. NITYANANDA SHETTY



Engineering Chemistry, 3/e

R.V. Gadag & A. Nityananda Shetty

2014 296 pp Paperback ISBN: 9789384588021 Price: 265.00

About the Book

Engineering Chemistry presents the subject with the aim of providing clear and sufficient understanding of chemistry to the students of engineering, as the same is imperative for any successful engineering. Some chapters in the book deal with the basic principles of chemistry while others are focused on its applied aspects, providing the correct interphase between the principles of chemistry and engineering.

Salient Features

- ▶ Chapters cover both basic principles of chemistry as also its applied aspects.
- ▶ Written in easy self-explanatory language and in depth at the same time.
- ▶ Clear diagrams and solved numerical problems included wherever required.
- ▶ Review questions provided at the end of each chapter.
- ▶ A separate section Laboratory Manual comprising 12 experiments is appended at the end of the book.

Table of Contents

1. Electrochemical Cells
2. Battery Technology
3. Corrosion and its Control
4. Metal Finishing
5. Fuels (Energy Sources)
6. Solar Energy
7. High Polymers
8. Water Treatment
9. Nanomaterials
10. Index.

About the Author

R.V. Gadag :- R.V. Gadag retired as Professor, Department of Chemistry, National Institute of Technology Karnataka, Surathkal, after having taught there for 37 years at various levels. He obtained his B.Sc. and M.Sc. degrees in chemistry from Karnataka University, Dharwad and Ph.D. from Mysore University. He has 25 research papers in various national and international journals and two books to his credit.

A. Nityananda Shetty :- A. Nityananda Shetty is Professor of Chemistry, National Institute of Technology Karnataka, Surathkal. He has been teaching there for the last 25 years. He obtained his B.Sc. from Mysore University and M.Sc. and Ph.D. from Mangalore University. He has more than 50 papers in various national and international journals, with an equal number of papers in various conferences, and two books to his credit.