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and practice questions.

This book in Engineering chemistry is prepared for the students studying I Year in Engineering and Technology in Karnataka. This book is written in simple and easily understandable manner, it's not a text book rather it's a hand book where in it will help students to understand better, prepare better for their exams & score well. Tabular columns, figures are given wherever necessary. No matter what your students' goals are, this book will help them to learn the basics of chemistry as per VTU

Engineering Chemistry discusses the fundamental theoretical concepts of chemistry and links them with their engineering applications. The book is designed as an introductory course for undergraduate students in all branches of engineering. Employing an easy-to-understand approach, it elaborates on the fundamental concepts and their applications, and includes scores of illustrations and learning exercises to facilitate comprehension. Starting with areas of common interest, such as fuels, water, corrosion and phase rule, followed by chapters on engineering materials, polymers and lubricants, the book

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then covers a range of important subjects, such as structure and bonding, solid state, liquid crystal, chemical kinetics, surface chemistry, thermodynamics, electrochemistry, spectroscopy, photochemistry, the basics of organic chemistry and organometallic compounds. It also covers the applications of several important topics in detail, including nanomaterials, green chemistry, NMR spectroscopy and biotechnology.

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