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A Text Book of Engineering Chemistry

Dr. Maheshkumar N. Yenkie
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Das Ganu Prakashan, Nagpur

A TEXT BOOK OF ENGINEERING CHEMISTRY

For Degree Course in Engineering
Semester - I



Dr. Maheshkumar N. Yenkie
Dr. Deepali T. Marghade
Dr. Avinash S. Dhepe



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Text Of Engineering Chemistry

AW Rasmussen



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Chemistry for Engineers Abhijit Mallick,Harish Kumar Chopra,2016 This is primarily intended as a textbook for BE BTech students of all disciplines of engineering and technology It introduces the fundamental concepts in a simpler comprehensive and more illustrative way The book contains 12 chapters which provide a core course of engineering chemistry for all branches of engineering and technology Each chapter starts with brief

introduction history of the topic followed by meticulous discussion on each topic and practice zone containing solved numerical problems unsolved numerical problems and questions drawn from university examinations Most of the topics have included the latest information explained with illustrations and nicely drawn diagrams The book has been written with the objective to serve the professional requirements of undergraduate students teachers of all branches of engineering and technology as per latest needs A Text Book of Engineering Chemistry Kalpesh Isai, Kiran Suryavanshi, 2018-08-13 A textbook of Engineering Chemistry has following salient features Newly added previous year University Questions papers Subject matter has been provided in a simple lucid and comprehensive manner It is especially meant for the first year undergraduate students of engineering It provides the fundamentals of Engineering Chemistry and helps students to acquire a good command on the basics of the subject At the end of each unit exercises in the form of questions objective and theoretical type have been provided to test the comprehension of the students Topics are clarified in systematic way with the help of adequately labeled diagram tables and equations Examples are well defined and preferred Mainly it covers topics Water and Its Treatment Phase Rule Metallurgy Fuels and Lubricants Study of Organic Compounds Electrochemistry

Engineering Chemistry (U.P. Technical University, Lucknow) Dr. B.S. Chauhan, 2010-08 **A Textbook on Engineering Chemistry**, 2014 A Text Book of Engineering Chemistry S. S. Dara, 1986 **Engineering Chemistry** K. Sessa Maheswaramma, Designed for the course on Engineering Chemistry offered to first year undergraduate students of engineering this book aims to strengthen fundamental concepts and highlight the applications of chemistry in the field of engineering Written in a simple and lucid manner this book covers a broad spectrum of topics including water technology alternate energy resources science of corrosion and green chemistry It also includes a large number of end of chapter exercises which test student understanding and are also a valuable resource from the examination point of view

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prerequisites Engineering students often ask Why is another Chemistry course required for Non Chemical Engineers There are many answers to this question but foremost is that the Professional Engineer must know when to consult a Chemist and be able to communicate with him When this is not done the consequences can be a disaster due to faulty design poor choice of materials or inadequate safety factors Examples of blunders abound and only a few will be described in an attempt to convince the student to take the subject matter seriously

Engineering Chemistry Praveen P. Singh,Vishal Srivastava,Sudhanshu Kanaujia,2018-04-30 Engineering Chemistry includes comprehensive lucid and accurate presentations of the subject matter which is easy to understand and stimulates the interest of students It provides the in depth information required to understand the principles and practice of applied chemistry and presents coherent and adequate coverage of various topics The fundamentals have been explained with the help of illustrations diagrams and tables to facilitate better understanding A balance between theoretical and applied aspects have been maintained in this book The solved examples in the chapter and exercises at the end of each chapter help in strengthening the theoretical concepts

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