

## FOREWORD

It is my pleasure to pen down 'foreword' of the book "The Advance Physical Chemistry Practical Guide" by learned authors – Dr. Charu Arora and Dr. Sumantra Bhattacharya. By going through the contents of the book, I can envisage that this book would be highly beneficial to students as well as professionals. I feel honoured and privileged to write preface for the book.

This book is meticulously developed as a laboratory manual devoted to Physical Chemistry and provides a wide spectrum of knowledge of the subject matter. It will help the readers to perform as well as comprehend various experiments pertaining to Physical Chemistry. The book is written in simple language so that students of all levels can easily understand the theoretical and exploratory aspects of every experiment. Beautifully detailed diagrams of experiments will further help the reader easily learn, visualize, and memorize the complicated apparatuses and equipments. During my 30 years of professional career as a physical chemist, I have observed that students always lack confidence in the analysis and presentation of data. Authors have given special emphasis on these issues. Another feature methodically included in this book is pre-lab preparation, which will certainly improve the performance and analytical skills of the students in the laboratory. In view of the recommendations of New Education Policy 2020, the authors have also accentuated the practicability of laboratory knowledge for the benefit of mankind. I am sure this book will help students in demonstrating their skills out of the laboratories and classrooms to villages and towns for the service of society.

I am confident that faculty members, students, and professionals would find this book a very useful reference treasure for their day to day working, be it teaching or research.

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Both Dr. Arora and Dr. Bhattacharya deserve special compliments for their painstaking efforts to concentrate the voluminous matter in a well-structured piece of knowledge.

Keep it up! Good Luck...

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