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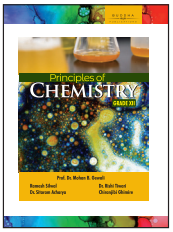

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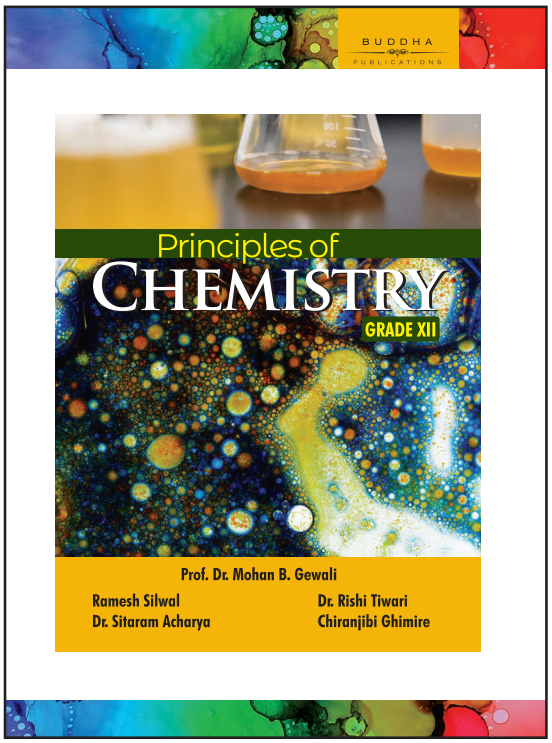

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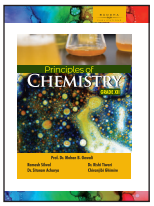
Approved by Government of Nepal, Ministry of Education, Science & Technology,
Curriculum Development Centre, Bhaktapur, as an Additional Material from 2081 to 2083



Principles of CHEMISTRY-II

Edition 2021
Revised Edition 2024

Publishers: **Buddha Publications Pvt. Ltd.**
Anamnagar, Kathmandu - 29, Nepal
Tel. 00977-1- 5705165, 5705210, 5705177
e-mail: info@buddhapublicaiton.com
www.buddhapublication.com

Design by: Buddha Desk

Price: **Rs.630.00**

Print Qty: 3200

ISBN: 978-9937-30-397-2

Printed in Nepal

PREFACE

It is our great pleasure that the book **"PRINCIPLES OF CHEMISTRY"** has been published with many changes incorporating the new curriculum of Curriculum Development Centre (CDC). New curriculum has included large number of new educational pedagogies for enhanced teaching-learning process. The book has been made students friendly with precise information and lucid language. We have included project work as demand of syllabus at the end of each topics which has added new dimension in our book. We have added multiple choice questions at the end of each topics which are helpful for students for preparation of medical and engineering entrance. Since we have included all essential portions in accordance with syllabus it is sure to render immense benefit to the students of Grade XII. We have made figures and diagrams clearer and subject matter more up-to-date than last one. It endeavour to provide a complete material including references It has become more attractive due to use of different colour which will attract students to open and read book.

We believe that the present arrangement of subject matter in this book would help the students have a thorough and clear understanding of the concern subject. Furthermore, we are sure that the book would be helpful to the students preparing a various entrance examinations as well. We would express our great sense of gratitude to all of them who have encouraged, inspired and helped us in bringing out this edition. We are highly grateful to Prof. Dr. Tulsi Prasad Pathak for his valuable suggestions and guidance in our efforts. Likewise, we are truly indebted to Anirudha Singh, Srijana Ghimire, Eam Rai, Prof. J.K. Shrestha, Rabindra Tuladhar, Sharmila Shrestha, D.R. Bhandari, Nagendra Khadka, A. Pathak. S. Chaudhary, Kabindra Pandey, Ram Lamsal, D.R. Upadhayay, Birendra Adhikari, Kiran Bajracharya, S.B. Karki, G. Panthi, Navraj Adhikari, Randhir Jha, Manoj Jha, Kaurna Shrestha, Dilip Ghimire, Saroj Yadav and many others for their valuable help. We are thankful to Narayan Pokhrel who has helped to refine the language of the text.

We have indepth acknowledgement for the contribution of Mr. Nabaraj Bajgain, Managing Director of Buddha Publications Pvt. Ltd. to shape this book in the particular form. We appreciate the arduous and tireless efforts of Mr. Jagadish Baskota and Ms. Gyanu Karki for their technical assistance.

We hope that the book will be well received by the teaching and learning community of Nepal. We have tried our best and been successful to minimize errors as far as possible. We request all the user to point the mistakes out, if any. We highly welcome and entertain valuable suggestions and criticism for further improvement of the book.

Authors

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