

CHEMISTRY LAB MANUAL

For B.E. Students



SANTOSH K. MAHTO

nec Publication

CHEMISTRY LAB MANUAL

(For B.E. Students)

Santosh K. Mahto

(Asst. Professor)

Nepal Engineering College
Changunarayan, Bhaktapur

Nepal Engineering College (nec)
Publication

Published by : **Nepal Engineering College (nec)**
Changunarayan, VDC, Bhaktapur
GPO Box : 10210, Kathmandu, Nepal
Ph : 611744, Fax : 977 1-611681
E-mail : nec@healthnet.org.np
Url : www.nec.edu.np

Copyright : Publisher

First Edition : 1999

Second Edition : 2002

Price : **Rs. 70**

Computer Setting : **CAS Desk Top**
Kathmandu Plaza, Tel : 253140 (Ext : 144)

Printed at : **Dot Prints**
Kupondol, Lalitpur, Tel : 529387

Foreword

Mr. Santosh K. Mahto has come forward with the 'Chemistry Lab Manual' written specially for Bachelor of Engineering Students of Pokhara University. He has given some theoretical background and model calculation for each and every experiment. Any inquisitive student may be benefited from such presentation. By publishing this lab manual Mr. Mahto has served the greatly felt need of the engineering students of Bachelor's level. All engineering students as well as faculty members should be benefited from such publication. I wish every success of his first attempt of this kind. I am sure the book will be received by the concerned students as well as faculty member with enthusiasm.

Prof. Dr. Chhabi Lal Gajurel

Professor,

Central Department of Chemistry

Tribhuvan University

Kirtipur, Kathmandu

Preface

The book "CHEMISTRY LAB MANUAL," has been written to meet the needs of Bachelor of Engineering students. (Especially of Pokhara University) Theoretical details and procedure are explain in simple and lucid manner. Some model calculations have been done so that students can understand easily.

I am extremely grateful to Professor Dr. C.L. Gajurel who inspired me to write this manual. He meticulously went through the entire draft of the manuscript and enrich it with his valuable comments and suggestions.

I would like to express my sincere gratitude to Prof. Deepak Bhattarai, principal of Nepal Engineering College for his unconditional support and help in getting the manual published. Mr. Prabhas basnet deserves many thanks for typing the manuscript.

I am thankful to my friends, colleagues and my family members for their valuable suggestions and encouragement.

Santosh K. Mahto
Asst. Professor
nec