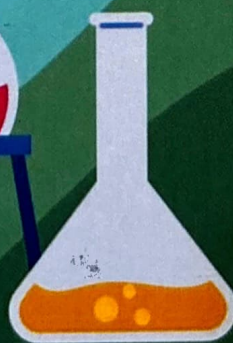
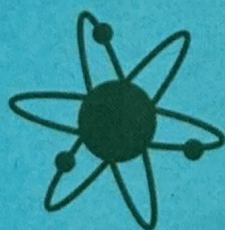




# INDUSTRIAL PHARMACY I

**LAB MANUAL**



Dr Vijay Sharma | Dr Amit Kumar | Mr Gurvinder Pal Singh  
Dr Gyanendra Singh | Dr Navneet Verma

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## Lab Manual

*Dr Vijay Sharma,*

*Dr Amit Kumar, Mr Gurvinder Pal Singh,  
Dr Gyanendra Singh, Dr Navneet Verma*

Dr Vijay Sharma



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To write book of this magnitude, it required lot of patience, skill and expertise over the subject, which I have gain through various opportunities got in the field of Industry and academia. I would like to dedicate this book to my Almighty and My Father Late R. B. L. Sharma, Mother Rukmani Devi, Wife, Daughter-*Paridhi and Son- Shivay Sharma* .

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**Dr Vijay Sharma**

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## About the Book :

The "Lab Manual for Industrial Pharmacy I" is an essential text that equips students with practical knowledge and hands-on experience in pharmaceutical manufacturing. Designed to complement the course, the manual focuses on understanding and appreciating the impact of pharmaceutical additives and various dosage forms on drug performance. By providing detailed protocols and guidelines for experiments, the manual allows students to explore the complexities of different pharmaceutical forms such as tablets, capsules, eye drops, cold creams, and vanishing creams. It aims to bridge theoretical knowledge with practical skills; ensuring students can effectively apply their understanding of dosage form development and manufacturing techniques.

Upon completion, students are expected to achieve several key objectives. They will gain comprehensive knowledge about the various pharmaceutical dosage forms and the specific techniques used to manufacture them. The manual covers considerations essential for developing effective pharmaceutical products, including the selection and use of additives. Students will also learn to formulate various dosage forms, and evaluation for quality and efficacy. By emphasizing both the scientific and practical aspects of pharmaceutical engineering, the manual prepares students to tackle real-world challenges in drug formulation and quality control, fostering a deeper understanding of how dosage forms influence drug performance.

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**Dr. Vijay Sharma** received his B. Pharm degree from Rohilkhand University Bareilly UP, M.Pharm degree (Pharmaceutics) from PRIST University, Tamil Nadu and PhD degree from IFTM University Moradabad, UP. Professor Sharma has worked in his field of Industry, Education and Research of Pharmacy, for over 17 years. Dr Vijay has published Research Papers in reputed National and International Journals as well as participated in several prestigious conferences /workshops/seminars. He guided Ph.D. scholars in research. He is currently working at Pharmacy Academy, IFTM University, Moradabad, UP.

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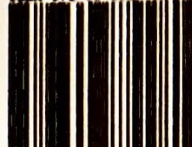


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