

About the Book :

The concept of pharmaceuticals, as applied in the speciality of Pharmacy, encompasses a broad spectrum of interrelated subject areas. It is generally regarded as the core discipline in Pharmacy, covering the well-defined and articulated stages to which a drug is subjected in its development into dosage forms and delivery to consumers. The book consists of all basic aspects related to pharmaceuticals. In the general introduction to pharmaceuticals, the book contains the history of pharmacy, the development of pharmacy, different dosage forms, prescriptions, how to calculate the dose, and factors affecting doses. The book covers various concepts of weighing and measuring, pharmaceutical calculation, pharmaceutical powders or mixtures, and liquid dosage forms intended for internal and external use. It also explains how to prepare monophasic and biphasic liquid formulations and suppositories. Additionally, it helps in understanding the different excipients used in semisolid formulations, the mechanisms associated with them, influencing factors for drug penetration, and the development of different semisolid dosage forms.

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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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PHARMACEUTICS-I

(Based on the Syllabus Prescribed by
the Pharmacy Council of India,
For B. Pharm First Semester)

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