

### About the Book

Practical Aspects of Pharmaceutics-I is a book on pharmaceutical experiments for both, B.Pharm. and D.Pharm. students. It has relevant features like tables, diagrams, uses of ingredients. The author has also included **viva questions** after each practical. The information given is duly updated in accordance with the PCI requirements. The students and teachers, alike, will find the book useful. It has covered topics like syrups, elixirs, linctuses, solutions, suspensions, emulsions, powders and granules, suppositories, semisolids and gargles and mouthwashes. It is different from other books as it is based on actual experiments carried out by the author.

### About the Authors



**Dr. Sunil K. Jain** is a young researcher and academician working as Assistant Professor at Institute of Pharmaceutical Sciences, Guru Ghasidas Central University, Koni, Bilaspur, C.G., India. His total teaching experience is 14 years. He has published more than 50 research/review papers in high impact international and national journals, authored 5 books and four book chapters and has been invited to deliver several talks at various conferences/workshops in India. The aggregate of all citations he received for his publications is more than 1300 with h-index 20. Dr. Jain is a reviewer for more than 40 research journals. He is also on the editorial board of a few of them. His research interest

includes designing nano and multiparticulate technology for management of type 2 diabetes mellitus, treatment of H. Pylori complications and colon cancer. He has completed three research projects sanctioned by AICTE under RPS and UGC. So far, he has supervised 3 PhD students and 16 M.Pharm students during their projects.



**Dr. Dinesh Kumar Mishra** has nearly 16 years of research and teaching experience at both undergraduate and post graduate levels. He is a leading scientist and academician. He did his graduation, post-graduation and doctorate in pharmacy from Dr. H. S. Gour Central University, Sagar (M.P.). He has supervised more than 30 M. Pharm. research projects. He has over 60 research and review publications to his credit, published in international and national journals with more than 2000 citations and h-index 23. He is a member of many professional societies and reviewer of many international and national journals. His research interest is novel drug delivery systems especially vesicular systems, transdermal drug

delivery and vaccines. He has authored a book and book chapters at national and international levels. Presently he is working as Associate Professor, Pharmaceutics, School of Pharmacy and Technology Management, NMIMS, Shirpur, Maharashtra.

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**By studying this book you can easily crack the toughest part of exam such as synopsis & viva voce.**

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Sunil K. Jain | Dinesh K. Mishra

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(For B.Pharm. and D.Pharm.) As per PCI regulations  
First Edition

Sunil K. Jain  
Dinesh K. Mishra



FOR

B.Pharm - Sem I - BP109P. PHARMACEUTICS - I (Practical)

D.Pharm - 1st & 2nd Year

Pharm D. - 1st Year - 1.2 PHARMACEUTICS (Practical)

PCI Syllabus

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12	Laboratory Manual of Industrial Pharmacy	Bakde, Chandewar, Mishra	Semester V (Industrial Pharmacy-I Practical)
13	Practical Pharmacognosy & Phytochemistry	Vinod D. Rangari	Semester IV, V

### D.Pharm Theory Books as per PCI Syllabus

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2	A Textbook of Biochemistry & Clinical Pathology	Milind Umekar, R.T. Lohiya & N.R. Kotagale	First Year, Biochemistry and Clinical Pathology
3	Human Anatomy & Physiology	Dr. Rahul Phate	First Year, Human Anatomy & Physiology
4	Human Anatomy & Physiology	Satish Mandave & Sachin Jadhav	First Year, Human Anatomy & Physiology
5	Introduction to Pharmaceutical Chemistry	Banerjee and Mashru	First Year Pharmaceutical Chemistry
6	Theory & Practice of Pharmaceutics-II	Dr. Atmaram Pawar	Second Year, Pharmaceutics-II
7	Drug Store Business Management and Accountancy	Dilip J. Patil	Second Year, Drug Store and Business Management
8	Pharmaceutical Chemistry-II	Dr. H.P.Tipnis & Dr.A.S. Dhake	Second Year, Pharmaceutical Chemistry-II
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