



MEDICINAL CHEMISTRY – I

*For B. Pharm, 2nd Year, IV Semester Students
(As Per Latest PCI Syllabus)*



Dr. Prashant Kumar Katiyar
Dr. Shriram Bairagi

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For B. Pharm, 2nd Year, IV Semester Students

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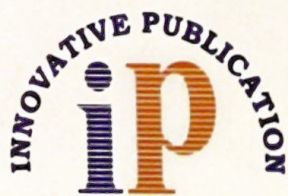
Medicinal Chemistry – I

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PATHOPHYSIOLOGY

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PREFACE

This book of **PATHOPHYSIOLOGY** has been written as per the latest syllabus prescribed by Pharmacy Council of India (PCI) and it is most suitable for B. Pharm. (2nd Semester) students of Dr. APJ Abdul Kalam Technical University, Lucknow and all other Indian Universities.

The book covers all 5 units of the syllabus in 38 chapters. The chapters are written in simple language with illustrations. Reputed reference books and journals has been referred for the correctness of information.

This book provides the basic knowledge of Etiology, Pathophysiology and Management of disease. As per the course specialization, this book is having sufficient knowledge which can enable the students and the readers to perform better in the new professional era. Besides this, the coverage of this book makes it useful for other *Medical, Nursing, Parametrical or other Health care* courses.

In spite of giving the best, there is always a room for improvement especially when the book is in its first edition. We, therefore, request the teachers and the students to bring out the shortcomings, if any and also to give the suggestions for improving the heights of the quality of book.

We would like to dedicate this book to inspiration of my parents and acknowledge to GSRM Memorial college of Pharmacy, Lucknow, Uttar Pradesh University of Medical University and all persons engaged in the work.

The authors thank **Dr. Chanchal Mittal** and **Prof. (Dr.) S.K.Mittal** of **Unnati Publications, NCR Delhi** for their excellent co-operation in bringing out this very first edition of the book.

A very special thank of gratitude to GOD who gave us the golden opportunity to write the book. His blessings and moral support during the work guided us well.

September 2020

Dr. Prashant Kumar

Dr. Rakesh Singh

Dr. Yogesh Chand Yadav

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PHARMACEUTICAL INORGANIC CHEMISTRY

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PHARMACEUTICAL INORGANIC CHEMISTRY

FIRST EDITION

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Mr. Deepak Katiyar is presently working at Kanpur Institute of Technology and Pharmacy. Assistant Professor Deepak completed his B Pharmacy, Master's degree. And Post Graduate Diploma in Pharmaceutical Regulatory Affairs from Jamia Hamdard, New Delhi. This strong academic foundation has equipped him with a deep understanding of pharmaceutical sciences and a solid basis for his career achievements. Throughout his illustrious career, Katiyar has actively engaged in both national and international seminars and workshops. These opportunities have allowed him to share his valuable research findings, collaborate with distinguished experts in the field, and stay at the forefront of cutting-edge advancements in pharmaceutical sciences. His passion for continuous learning and his commitment to professional development are evident in his active participation in these events. Katiyar plays a pivotal role in shaping the education and research landscape. His specialization in Pharmaceutics further enhances his ability to provide invaluable insights to students pursuing this field. He has successfully granted patent on 2 research papers and published 3 research papers on various journals. Additionally, Katiyar is actively involved in research activities, particularly in exploring the medicinal properties of plants and identifying bioactive compounds. With his extensive experience, active engagement in academic forums and unwavering commitment to research, Deepak Katiyar is widely recognized as a highly esteemed academic professional. His remarkable contributions to the field of pharmaceutical sciences make him a valuable asset in shaping the future of the discipline. He is a member of Indian Pharmacy Graduates Association (IPGA) and Association of Pharmaceutical Teacher of India (APTI).

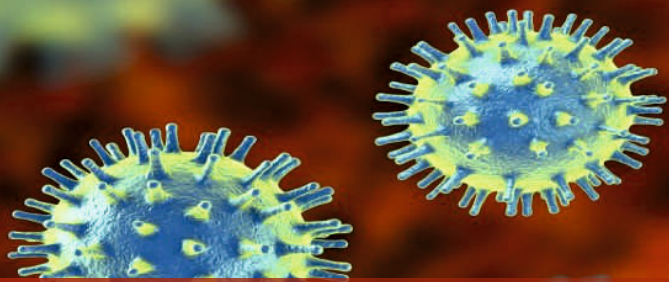


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Pharmaceutical Microbiology

As per PCI Syllabus for B.Pharm 3rd Semester Students



Dr. Nidhi Tyagi
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Pharmaceutical Microbiology

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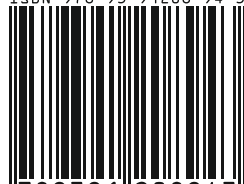
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