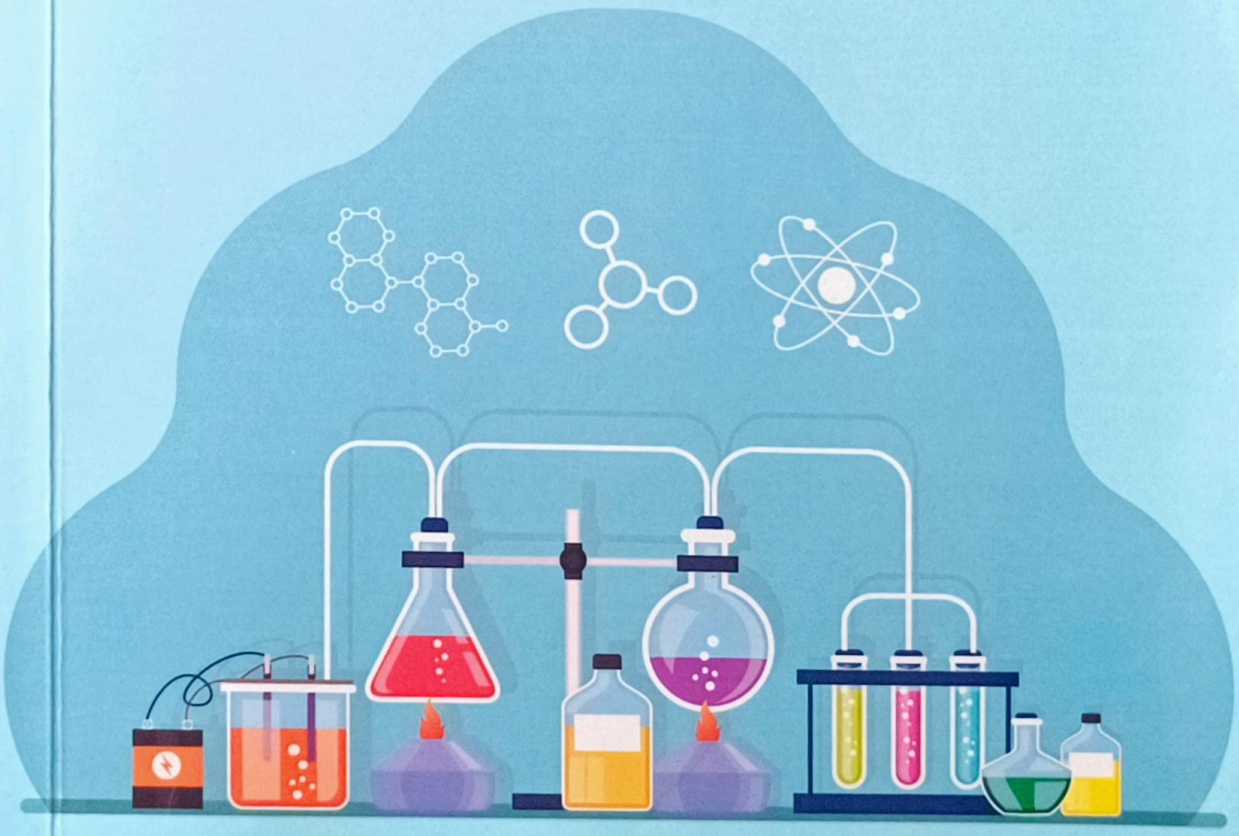
A Textbook of
Medicinal Chemistry-I
(BP402T)

[A book as per the latest syllabus given by Pharmacy Council of India (PCI) New Delhi for B. Pharm students of all Indian Universities]



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Dr. Ashok Sarjerao Narute | Mrs. Gayatri Virendra Athalekar
Ms. Aaliya Naaz

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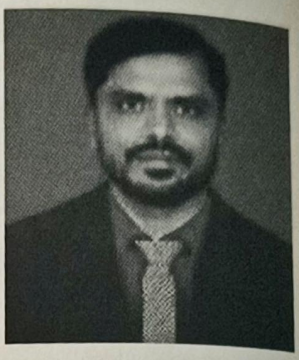

Dr. Narute working as Associate Professor & Head, Department of Pharmaceutical Chemistry, Yash Institute of Pharmacy, Aurangabad- 431134, India. Dr. Narute possesses over 15 years of teaching experience at diverse pharmaceutical institutions. In addition, he has authored 11 review and research publications in prestigious national and international journals. He has also participated in numerous pivotal conferences, workshops, and webinars around India. Dr. Narute successfully passed the Graduate Aptitude Test in Engineering (GATE) in 2004, specializing in the discipline of Pharmacy. Dr. Narute registered in the Maharashtra State Pharmacy Council. He holds a lifetime membership in both the Association of Pharmacy Teachers of India and the Indian Pharmaceutical Association.

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selected for research grant of 3.5 lakh at DBATU lonere under VCRGP scheme. Attended STTPs, Internal workshop, FDPs and symposium, Sound teaching experience at Medicinal Chemistry, Organic chemistry and Pharmaceutical Chemistry at UG and PG level.

ACKNOWLEDGMENT

The difficulties we encountered while writing a book were unexpected, as was how fulfilling the experience was. All of this would not have been possible without the efforts of several individuals who made direct and indirect contributions to this book.

The book "Medicinal Chemistry - II" makes a sincere attempt to attract students' interest in the subject of new product creation. Furthermore, the book gives students a chance to think about fresh perspectives on innovations in pharmacy.

One of our objectives in designing this book was to attract the interest of prospective scientists in the vital field of pharmacy by fusing real-world experience with theory.

Our team's sincere efforts and the help of the many amazing individuals who encouraged us allowed us to attain this milestone.

Additionally, as students are the most important part of every educational institution, we would want to thank the people who have trusted us with their lives.

We would be grateful for any input you may have on how to make this book even better in the future.

Authors

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About the Book :

The introduction of the book **"A Textbook of Medicinal Chemistry - I"** makes me really happy. This book's material has been painstakingly created to conform to the Pharmacy Council of India's prescribed curriculum for students pursuing a bachelor's degree in pharmacy. To make the subject easier for students to understand, an attempt has been made to research it using as simple a vocabulary as possible. Many images throughout the book, including flowcharts and diagrams, help students understand difficult concepts. The genuine hope of the author is that readers of this book, academics and students alike, will find something of value. The pharmaceutical product development process serves as the cornerstone for the formulation development process. The formulation scientist has the responsibility of monitoring various material parameters (such as API and excipients), formulation process parameters, dosage forms, and other related aspects throughout the product development process. This book provides straightforward and understandable explanations of a wide range of formulation development-related subjects, including dose. I'm hopeful that this book will be well received by both instructors and students. We are willing to consider suggestions on any and all facets of the industry. Any deviations or inaccuracies that may have gone unnoticed are entirely our fault, and we would be very grateful if readers could point them out to us if they did. I'm hopeful that this book will be well received by both instructors and students. We are willing to consider suggestions on any and all facets of the industry. Any deviations or inaccuracies that may have gone unnoticed are entirely our fault, and we would be very grateful if readers could point them out to us if they did.

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Ms. Aaliya Naaz, M. Pharm, Ms. Aaliya Naaz is currently working as an Assistant Professor in the department of Pharmaceutical Chemistry as research cell's head at Six Sigma Institute of Technology and Science. As an assistant professor of Pharmaceutical Chemistry Aaliya Naaz brings a wealth of expertise in the field with a focus on elucidating the intricate molecular structure of pharmaceutical compounds and their interactions within biological systems. Her field of expertise are in Computer Aided Drug Design (CADD), Molecular Docking and QSAR Modeling. She is currently pursuing her PhD from IFTM University in Pharmacy. Many reviews and research article has been published by her in renowned Journals and she has also contributed to publish a book of Community Pharmacy and a chapter in an International book publication. With a PhD in Pharmacy and years of research experience Aaliya Naaz is dedicated to advancing drug discovery and development through innovative research methodologies. As an educator Aaliya Naaz is committed to nurturing the next generation of pharmaceutical scientists, importing both theoretical knowledge and practical skills. Her dedication to advancing the field and nurturing future talent underscores her role as a respected authority and educator in Pharmaceutical chemistry.

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