About the Authors

Dr. ABHISHEK TIWARI

Dr. Abhishek Tiwari is a Professor in the Department of Pharmaceutical Chemistry at the Pharmacy Academy of the IFTM University in Lodhipur-Rajput, Moradabad (U.P.). He earned his Ph.D. from Uttarakhand Technical University in Dehradun and his M.Pharm from M.S. Ramaiah College of Pharmacy in Bangalore. He has completed a 17-credit Management & Leadership program from the Chartered Management Institute in London (U.K.). He holds ten Indian patents and three awarded overseas patents. He has authored over 35 research papers of national and international renown. He has over 16 books and two international chapters to his credit. He presently supervises more than 05 Ph.D. students and more than 06 PG students. He has won awards totaling more than 15 lakhs from DST, AICTE, ONGC, PFC, and other organizations. He has earned the Nirali Prakashan, Pune, Best Author Award, the SPER Best Teacher Award, and the Devsthali Vidyapeeth management's Outstanding Teacher Award twice. He is a CPCSEA main nominee, an APTI active member, and an editorial member of several national and international journals.

Dr. Mrs. Varsha Tiwari

Dr. (Mrs.) Varsha Tiwari is working as Professor, Pharmacy Academy, IFTM University, Moradabad (U.P.). She has completed her Ph.D. from Uttarakhand Technical University, Dehradun, and M. Pharm from M.S. Ramaiah College of Pharmacy, Bangalore. She is having 13.5 years of teaching experience. Her core research area includes Formulation & Development, Extraction, Isolation, Antidiabetic, Antioxidant, SARSCOV-2, anti-cancer, etc. She has published more than 06 Indian patents and three awarded overseas patents. She has authored over 35 research papers of national and international renown. She has published 7 books and two international chapters to her credit. She has earned the Nirali Prakashan, Pune, Pharma recognition Award, Young Teacher's award, and Devsthali Vidyapeeth management's Outstanding Teacher Award twice. She is a CPCSEA nominee and guided approx. 100 students at UG, PG, and Doctorate levels.

Dr. Mrs. Anita Singh completed Post Graduation in 1987 from Banaras Hindu University, Varanasi (U.P.) and Ph.D. in 2006 from Kumaun University, Nainital (Uttarakhand). She is having more than 19 years of teaching experience and presently working as a Reader in the Department of Pharmaceutical Sciences, Kumaun University, Nainital (Uttarakhand). She has guided more than 30 several M. Pharm. and 08 Ph.D. students. She has authored one International book chapter entitled "Phytopharmacological Overview on Controversial Drug: Murva". She has published more than 50 Papers in National and International Journal.

Dr. NEERAJ UPMANYU

Dr. Neeraj Upmanyu completed Post Graduation in 2004 and Ph.D. in 2010 from Department of Pharmaceutical Sciences, Dr. H. S. Gour University, Sagar (M.P) and presently working as a Professor and Head, School of Pharmacy & Research Peoples University, Bhopal (M.P.). He is also serving as Central Council Member in Pharmacy Council of India (PCI), New-Delhi. He is also a member of Education Regulations Committee & Professional Pharmacy & Public Relation Committee of Pharmacy Council of India (PCI), New-Delhi. He has guided several M. Pharm. and some Ph.D. students. He has authored one International book titled "Dermo-Follicular Proliferation" and one National Book titled "An Introductory approach to Pharmaceutical Regulatory Affairs". He has more than 80 Papers in National and International Journal of reputed and visited Amsterdam, Netherlands on ICMR travel grant in 15th Tetrahedron Conference.

niralipune@pragationline.com
www.pragationline.com
Also find us on www.facebook.com/niralibooks

N4632

ISBN 978-81-7458-257-3

A LABORATORY MANUAL ON PHARMACEUTICAL ORGANIC CHEMISTRY Dr. TIWARI • Dr. Mrs. TIWARI • Dr. Mrs. SINGH • Dr. UPMANYU N4632

AS PER PCI REGULATIONS
FIRST YEAR B. PHARM. SEMESTER II
SECOND YEAR B. PHARM. SEMESTER III

A LABORATORY MANUAL ON

PHARMACEUTICAL ORGANIC CHEMISTRY

Dr. ABHISHEK TIWARI
Dr. Mrs. VARSHA TIWARI
Dr. Mrs. ANITA SINGH
Dr. NEERAJ UPMANYU

NIRALI PRAKASHAN
ADVANCEMENT OF KNOWLEDGE

Sanjeev Bosawal
Registrar
IFTM University
Moradabad.