

List of Books and Book chapters (2015 Onwards)
Last updated 07.07.2021

Department of Pharmaceutics

Sr. No	Title of the book chapter	Authors / editors	Book / Book chapter details
1	Aerosolised nanoparticle - based approaches for treatment of lung cancer	Authors: Chougule M. B., Lohade A. A., Gandhi N. S., Shrivastava A. R., Singh D. J., Parmar J. J., Mehta M. R., Jain R. R., Menon M. D Editors: Singh B., Vyas S. P., Kaur I. P.	NanoBiomedicine: Nanostructured and drug delivery, 4th edition, vol 4, 2015, pp 451-490, Studium Press LLC. ISBN: 9781626990548 EISBN: 9781626990549
2	Antimicrobial and Antibiofilm activity of Enzybiotic against Staphylococcus aureus	Authors: Purnima Gupta, Mangal Nagarsenker. Editor: A. Mendez-Vilas	The Battle Against Microbial Pathogens: Basic Science, Technological Advances and Educational Programs, Formatex Research Center, Spain, Dec 2015; Vol 1, pp 364-372. (ISBN 13 Vol. 1: 978-84-942134-6-5) <i>Cited by 3</i>
3.	Polymeric Nanoparticulate Systems - A Potential Approach for Ocular Drug Delivery	Authors: Rutika Godse, Kavita Singh, Agnivesh Shrivastava, Ujwala Shinde Editors: Yashwant Pathak, Anjali Hirani and VijaykumarSutariya;	Nano-Bio-Materials for Ophthalmic Drug Delivery, Springer cham, Nov 2016, pp 351-387. (ISBN No: 978-3-3-19-2-9344-8 (hard cover, E-ISBN No: 978-3-3-19-2-9346-2) <i>Cited by 4</i>
4	Ageing Disorders of the eye: challenges and approaches for their treatment	Authors: Hazare S. A., Rongbing Y., Chavan S. S., Menon M. D., Chougule M. B Editors: Yashwant Pathak, Anjali Hirani and VijaykumarSutariya	Nano-biomaterials for ophthalmic drug delivery, Springer cham, Nov 2016, pp 277-320 (ISBN No: 978-3-3-19-2-9344-8 (hard cover, E-ISBN No: 978-3-3-19-2-9346-2) <i>Cited by 4</i>
5	Liposomes: Concept and Therapeutic Applications	Authors: MS Nagarsenker, MS Marwah Editors: Raj k.Keservani, Anil K.Sharma, Rajeshkumar Kesharwani	Novel Approaches for Drug Delivery, Chapter 3, IGI Global, July 2016, pp 52-87. (ISBN: 9781522507512 E ISBN: 9781522507529) <i>Cited by 3</i>



List of Books and Book chapters (2015 Onwards)
Last updated 07.07.2021

Sr. No	Title of the book chapter	Authors / editors	Book / Book chapter details
6	Drug Targeting: General Aspects and Relevance to Nanotechnology	Authors: Naik P, Marwah M, Venkataraman M, Rajawat GS, Nagarsenker M. Editors: Raj k.Keservani, Anil K.Sharma, Rajeshkumar Kesharwani	Drug Delivery approaches and Nanosystems, Volume 2: Drug Targeting Aspects of Nanotechnology, 1st edition, 2017, PP: 1-44, Apple Academic Press, CRC press, Taylor and Francis group. ISBN: 9781315225364 E ISBN: 9781771885843
7	Novel nanotechnology based delivery systems for chemotherapy and prophylaxis of tuberculosis	Authors: Jain RR., Savla HM, Naik IV, Panjabi K., Maniyar J, Vaidya S, Menon MD Editor: Chaudhery Mustansar Hussain	Handbook of Nanomaterials for Industrial Applications ,Micro and Nano Technologies, Chapter 33, 2018, 587-620, Elsevier. ISBN: 9781315225364 EISBN: 9781771885843 <i>Cited by 4</i>
8	Colonic Bacterial Enzymes: Pharmaceutical Significance and Applications	Authors: Shrushti Tambe and Namita Desai Editors: Shashi Lata Bharati, Pankajkumar Chaurasia	Research Advancements in Pharmaceutical, Nutritional and Industrial Enzymology", Chapter 4, 2018,pp 71-99, IGI Global, Pennsylvania (USA) EISBN: 9781522552383 <i>Cited by 2</i>
9	siRNA Delivery with Liposomes as Platform Technology.	Authors: Naik P, Nagarsenker MS. Editors: Raj k.Keservani, Anil K.Sharma	Nanoconjugate Nanocarriers for Drug Delivery , Chapter 6, 1st edition, Sep 2018,pp. 201-228, Apple Academic Press, Newyork, Taylor and Francis group EISBN: 9781351171045 <i>Cited by 6</i>
10	Stimuli-responsive micelles: A nanoplatform for therapeutic and diagnostic applications.	Authors: Nair HA, Rajawat GS, Nagarsenker MS. Editors: Grumezescu Alexandru Mihi	Drug Targeting and Stimuli Sensitive Drug Delivery Systems, Chapter 8, 2018, pp. 303-342, Digital Science and Research Solutions. ISBN: 978-0-12-813-689-8 eISBN: 9781351171045



List of Books and Book chapters (2015 Onwards)
Last updated 07.07.2021

11	Consumer views on health issues arising from food Products.	Authors: Harita Desai, Murlidhar Meghwal Editors: Megh R.Goyal Preeti Birwal Santosh Mishra	Phytochemicals and Medicinal Plant in Food design- Strategies and Technologies for improved Health care, CRC Press, Taylor and Francis Group. ISBN: 9781771889940
12	Parenteral Preparations	Authors: Mangal Shailesh Nagarsenkar, Vivek Vijay Dhawan Editor: Adeboye Adejare	Remington The Science and Practice of Pharmacy, 23rd edition, Chapter 29,2020, (pp: 577-602), Academic Press. ISBN: 978-0-12-820007-0
13	Pulmonary, Nasal, and Topical Aerosol Drug Delivery Systems	Authors: Mala Menon, Richard N.Dalby, Isha Naik, Hemali Savla and Kaveri Kalola Editor: Adeboye Adejare	Remington The Science and Practice of Pharmacy, 23rd edition, Chapter 30,2020, (pp: 577-602), Academic Press. ISBN: 978-0-12-820007-0
14	Biocomposite hydrogels for regenerative medicine and biomedical applications	Authors: Riyaz Ali M. Osmani, Ekta Singh, Umme Hani, Smita Chavan, Heena Kazi, Mala Menon Editors: Shakeel Ahmed, Annu	Biocomposites in Tissue Engineering and Regenerative Medicine, Chapter 5, 1st edition, 2021, pp 99-118, Woodhead Publishing. Elsevier. ISBN: 9780128212806, eISBN: 9780128216347



**List of Books and Book chapters (2015 Onwards)
Last updated 07.07.2021**

Department of Pharmaceutical Chemistry

Sr. No	Title of the book chapter	Authors / editors	Book / Book chapter details
15	Breakthroughs in nanofibrous membrane for industrial waste water treatment	Authors: Ambre PK, Paneysar JS, Coutinho EC, Bhullar S K Editors: Reza K. Haghi, Emili Besalu, MAciej Jaroszewski, Sabu Thomas, Praveen K.M.	Modern Physical Chemistry: Engineering models, Materials, and Methods with Applications; Chapter 10, 2017, pp 250-288, Apple Academic Press. ISBN 978-177188-643-7
16	Combinatorial Chemistry: Role in lead discovery	Authors: Ambre PK, Gomatam AN, Nandan S, and Coutinho EC Editors: Debarshikar Mahapatra, Sanjay Kumar Bharti	Handbook of Research on Medicinal Chemistry, Innovations and Methodologies, Chapter 1, Nov 2017, pp 1-70, Apple Academic Press. ISBN: 978-1-77188-544-7
17	Advanced techniques in biomolecular simulations	Authors: Martis E.A.F, Belubbi A. Editors: Debarshikar Mahapatra, Sanjay Kumar Bharti	Handbook of Research on Medicinal Chemistry, Innovations and Methodologies, Chapter 2, Nov 2017, pp71-104, Apple Academic Press. ISBN: 978-1-77188-544-7
18	Free Energy-Based Methods to Understand Drug Resistance Mutations.	Authors: Martis E.A.F, Coutinho EC. Editor: Mohan C	Structural Bioinformatics: Applications in Preclinical Drug Discovery Process, Part of Challenges and Advances in Computational Chemistry and Physics, book series Vol 27, 2019, (pp. 1-24). Springer, Cham ISBN: 978-3-030-05281-2 <i>Cited by 1</i>
19	Self-assemblies, Dendrimers and Nanoparticles	Authors: Premlata K Ambre, Chandan Rajendra Gupta, Elvis AF Martis, Evans C Coutinho Editors: Krishnan Anand, Muthupandian Saravan, Quansheng Chen	Handbook on Nanobiomaterials for Therapeutics and Diagnostic Applications, Chapter 8, Jan 2021, pp151-189, Elsevier. ISBN: 978-0-12-821013-0



Department of Pharmacology

Sr. No	Title of the book chapter	Authors / editors	Book / Book chapter details
20	Alternative Approaches to Wound Healing	Authors: Majumdar A., Sangole P. Editor: Vlad Adria Alexandrescu	Wound Healing - New insights into Ancient Challenges, Chapter 21, October 2016, pp 459-482, Intech Open ISBN: 978-953-51-2679-9 e Book (PDF) ISBN: 978-953-51-7316-8 <i>Cited by 3</i>
21	Biomaterials and its Medical Applications	Authors: Saili Dharadhar, Anuradha Majumdar Editors: Sudip Paul	Application of biomedical engineering in neuroscience, Chapter 18, November 2019, pp 355-380, Springer singapore. ISBN: 978-981-13-7142-4



List of Books and Book chapters (2015 Onwards)
Last updated 07.07.2021

Department of Pharmacognosy and Phytochemistry

Sr. No	Title of the book chapter	Authors / editors	Book / Book chapter details
22	Lipid-based Vesicular Systems in Phyto formulation Design & Development	Authors: AlkaMukne, Swapna Nair Editors : Bhupinder Singh, Jagat R Kanwar, Omprakash Katare	NanoMedicine, Vol. 1 of NanoBioMedicine Series, Chapter 15, 2015, pp 455 – 492, Studium Press LLC,USA. ISBN: 1-62699-051-4 1-62699-132-4
23	Nanophytopharmaceuticals: Harnessing the biopotential of phytomolecules for maximum therapeutic efficacy	Authors: Mukne A, Nair S, Momin M Editors: Bhupinder Singh, Omprakash Katara, Eliana R. Souto	Emerging Trends in NanoBioMedicine - Nanoagroceuticals & Phytochemicals, Chapter 6, 1st edition, Nov 2018, (pp 99-150) CRC Press, Taylor & Francis group. ISBN: 978-1-351-13-928-1
24	Cell based Assays in Natural Product-based Drug Discovery	Authors: Alka Mukne, Misbah Momin, Parag Betkar, Tanvi Rane, Saurabh Valecha Editors: Mandal, Subhash C., Chakraborty, Raja, Sen, Saikat	Evidence based validation of Traditional Medicines-A Comprehensive Approach, Jan 2021 (PP 211-248), Springer Nature Singapore Pvt.Ltd. ISBN: 978-981-15-8127-4

Summary

A. Total no. of books written by Faculty (2015 till date): 24

B. Total no. of books written by faculty:

1. Department of Pharmaceutics-14
2. Department of Pharmaceutical Chemistry- 05
3. Department of Pharmacology-02
4. Department of Pharmacognosy and Phytochemistry- 03

