

## BOOK/ BOOK CHAPTERS PUBLISHED BY THE FACULTY MEMBERS 2017-2019

S. No.	Title of the book/ Book chapters	Author	Year of publication	ISBN
1	An Insight of Polyphenols in Lung Cancer Chemoprevention	Vasanti Suvarna, Pramila Chaubey, <b>Preeti C. Sangave</b> , Ashish K. Singh	2018	978-0-12-813008-7
2	Nutritional Management of Diabetes—A Critical Review	Pramila Chaubey, Vasanti Suvarna, <b>Preeti C. Sangave</b> , Ashish K. Singh	2019	978-0-12-813822-9
3	Role of Natural Products in Glaucoma Management	Vasanti Suvarna, Megha Sarkar, Pramila Chaubey, Manikanta Murahari, <b>Preeti C. Sangave</b>	2019	978-0-12-815245-4
4	Polymeric micelles: a ray of hope among new drug delivery systems	Anuja Kapse,, Neelima Anup,, Vruti Pate,, <b>Gaurav K. Saraogi</b> , <b>Dinesh Kumar Mishra</b> and Rakesh K. Tekade	2019	978-0-12-814487-9
5	Levels of Drug Targeting	Khushwant S. Yadav, <b>Dinesh K. Mishra</b> , <b>Ashwini Deshpande</b> and Anil M. Pethe	2018	978-0-12-814487-9
6	Coating technologies in pharmaceutical product development	Devesh Kapoor, Rahul Maheshwari, Kanika Verma, Swapnil Sharma, <b>Piyush Ghode</b> and Rakesh K. Tekade	2019	978-0-12-814487-9
7	Fundamentals of Polymers Science Applied in Pharmaceutical Product Development	Vinod Kumar Dhote, Kanika Dhote, Sharad Prakash Pandey, Tripti Shukla, Rahu Maheshwari, <b>Dinesh K. Mishra</b> and Rakesh K. Tekade	2019	978-0-12-814487-9

8	Use of Polymers in Controlled Release of Active Agents	Sharad Prakash Pandey, Tripti Shukla, Vinod Kumar Dhote, <b>Dinesh K. Mishra</b> , Rahul Maheshwari and Rakesh K. Tekade	2019	978-0-12-817909-3
9	"Nano Carrier Technologies for Enhancing for Solubility and Dissolution Rate of API" "Medicinal Chemistry with Pharmaceutical Product Development"	Ashwini Deshpande and Tulshidas S Patil	2019	978-0-42-948784-2
10	Cutaneous and Transdermal Drug Delivery: Techniques and Delivery Systems	<b>D.K Mishra</b> , V Pandey, R Maheshwari, <b>P Ghode</b> , RK Tekade	2018	978-0-12-817910-9
11	Functionalized Carbon Nanotubes for Protein, Peptide, and Gene Delivery	Neha Maheshwari, Muktika Tekade, Namrata Soni, <b>Piyush Ghode</b> , Mukesh Chandra Sharma, Pran Kishore Deb, Rakesh K Tekade	2019	978-0-12-814428-2
12	Approaches to the Development of Implantable Therapeutic Systems	Ankita Mane, Neha Maheshwari, <b>Piyush Ghode</b> , Mukesh Chandra Sharma, Rakesh K Tekade	2019	978-0-12-814428-2

## BOOK/ BOOK CHAPTERS PUBLISHED BY THE FACULTY MEMBERS 2020

S. No.	Title of the book/ Book chapters	Author	Year of publication	ISBN
1	Antimicrobial activity of metallic nanoparticles using prokaryotic model organisms	<b>Preeti C. Sangave,</b> Vasanti Suvarna, Nivedita M.Matkar	2020	978-981-15-1702-0 (Springer)
2	Pathogenesis and drug resistance profile of food-borne pathogens	<b>Preeti C. Sangave,</b>	2020	978-981-15-1695-5 (Springer )
3.	Proliposomes: a potential colloidal carrier for drug delivery applications	Dhanashree Chordiya, Satish Shilpi, Devendra Choudhary, <b>Gaurav K. Saraogi, Mayank Sharma,</b> Dnyaneshwar Kalyane, Rakesh K.Tekade	2020	978-0-12-814455-8 (Elsevier)

## BOOK/ BOOK CHAPTERS PUBLISHED BY THE FACULTY MEMBERS (2021)

Sr. No.	Name of the author/s	Name of the Chapter	Name of the book	Name of the publisher	Date/Year of publication	DOI
1	Dr. Sankha Bhattacharya	Central Composite Design for Response Surface Methodology and Its Application in Pharmacy	Response Surface Methodology in Engineering Science	Intech Open	January, 2021	10.5772/intechopen.95835
2	Nikita Patil, Girdhari Lal Gupta	Depression and associated Alzheimer s disease	Preedy - The Neuroscience of Depression: Features, Diagnosis and Treatment  ISBN: 978-0-12-817933-8	<b>Elsevier, Academic Press, London, United Kingdom</b>  Prof Victor R. Preedy, School of Medicine <b>Kings College London, Stamford Street, London SE1 9NU, UK</b>  Edited via Kings College London, as well as from the Universities of Hull and Westminster.	March, 2021	10.1016/B978-0-12-817933-8.00027-X

3	Tanvi Pingale, <b>Girdhari Lal Gupta</b>	Comorbidities of depression and Parkinson's disease	Preedy - The Neuroscience of Depression: Features, Diagnosis and Treatment  ISBN: 978-0-12-817933-8	<b>Elsevier, Academic Press, London, United Kingdom</b>  Prof Victor R. Preedy, School of Medicine <b>Kings College London, Stamford Street, London SE1 9NU, UK</b>  Edited via Kings College London, as well as from the Universities of Hull and Westminster.	March, 2021	10.1016/B978-0-12-817933-8.00008-6
4	Priyank Shah, <b>Girdhari Lal Gupta</b>	<i>Convolvulus pluricaulis</i> usage and depression	Preedy - The Neuroscience of Depression: Genetics, Cell Biology, Neurology, Behaviour and Diet  ISBN: 978-0-12-817935-2	<b>Elsevier, Academic Press, London, United Kingdom</b>  Prof Victor R. Preedy, School of Medicine <b>Kings College London, Stamford Street, London SE1 9NU, UK</b>	March, 2021	10.1016/B978-0-12-817935-2.00001-5
5	<b>Sateesh Belemkar, Mayank Sharma, Piyush Ghode, Parshuram</b>	Bioactive Compounds of Ridge Gourd ( <i>Luffa acutangula</i> (L.) Roxb.)	Bioactive Compounds in Underutilized Vegetables and Legumes	Springer	01 May 2021	.....

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6	Devesh Kapoor, Swapnil Sharma, Kanika Verma, Akansha Bisth, Yashu Chourasiya, <b>Mayank Sharma</b> , Rahul Maheshwari	Pharmaceutical and Biomedical Applications of Multifunctional Quantum Dots	Micro-and Nanotechnologies- Based Product Development	CRC Press	August ,2021	.....

**Books published:**

Sr. No.	Name of the author/s	Title of the book	Name of the publisher	Date/Year of publication	URL
1	Dr. Amit B. Page, Prashant Pingale, Dattatray Shinkar	A Textbook of Biopharmaceutics and Pharmacokinetics	Everest Publications, Pune	February 2021	Hard copy
2.	Aseem Setia; <b>Sankha Bhattacharya*</b> ; Ram Kumar Sahu	An All-Embracing Updates On SARS-CoV-2	Notion Press	July, 2021	<a href="https://notionpress.com/read/all-embracing-updates-on-sars-cov-2">https://notionpress.com/read/all-embracing-updates-on-sars-cov-2</a>
3.	<b>Sankha Bhattacharya</b> & Dilpreet Singh	Targeted Lipid Based Carriers for Improved Drug Delivery	Notion Press	July, 2021	<a href="https://notionpress.com/read/targeted-lipid-based-carriers-for-improved-drug-delivery">https://notionpress.com/read/targeted-lipid-based-carriers-for-improved-drug-delivery</a>

**BOOK/ BOOK CHAPTERS PUBLISHED BY THE FACULTY MEMBERS 2022-2023**

Sr. No.	Name of the author/s	Name of the Chapter	Name of the book	Name of the publisher	Date/Year of publication	ISBN No.
1.	Shashikant Bagade, Dipak D. Patil and Atul Shirkhedkar	Standardization of herbal bioactives, Page: 393-407.	Herbal Bioactive-Based Drug Delivery Systems	Elsevier Academic Press	3/21/2022 Link: <a href="https://www.sciencedirect.com/science/article/pii/B9780128243855000054">https://www.sciencedirect.com/science/article/pii/B9780128243855000054</a>	(ISBN: 978-0-12-824385-5).
2.	R Maru, D Kumar, KK Bansal, MB. Gagarani, S Bhattacharya, S Maru	Zebrafish Models for Liver Diseases	Zebrafish Model for Biomedical Research	Springer Nature Singapore Pvt. Ltd. 2022	19.06.2022	ISBN 978-981-16-5216-5
3.	Kapil Gore, Sankha Bhattacharya and Bhupendra G. Prajapati	Recent Pharmaceutical Developments in the Treatment of Cancer Using Nanosponges	Advances in Drug Delivery Methods	IntechOpen, Landon	7/14/2022	978-1-80356-984-0
4.	Abhishek Kanugo and Sanjay Sharma	Recent Advancement of Nanotechnology in Functional Foods: Applications Perspectives	Handbook of Nanotechnology of Functional Foods	Wiley	7/26/2022	9.78112E+12
5.	Kinjal Parikh, Rakhee Kapadia, Rohan Pai, Mahendra Prajapati, Ganesh Shevalkar	Emerging Formulation Technologies Against Malaria Resurgence	Drug Development for Malaria: Novel Approaches for Prevention and Treatment	John Wiley & Sons, Inc.	05.08.2022	Print ISBN:9783527348602   Online ISBN:9783527830589
6.	Parag Kulkarni, Amit Page, Debashish Kar Mahapatra	Insights into the Latest Taste Masking Techniques for Nutraceutical Products and Functional Foods	Nutraceutical Delivery Systems: Promising Strategies for overcoming Delivery challenges	Apple Academic Press	Aug-22	978 17 7463 716 6
7.	<u>Ganesh Shevalkar</u> , <u>Mahendra Kumar Prajapati</u> , <u>Bhushan Bhairav</u> , <u>Chandrakantsing Vijaysing Pardeshi</u>	Nanotherapeutics of Phytoantioxidants for Aging and Neurological Disorders	Phytoantioxidants and Nanotherapeutics	WILEY	1-Sep-22	Print ISBN:9781119811770   Online ISBN:9781119811794
8.	Sankha Bhattacharya, Paul Rodriques and Bhupendra Prajapati	Introductory Chapter: Advanced Drug Delivery Systems	Advanced Drug Delivery Systems	Intech Open	15.02.2023	978-1-80356-984-0
9.	Kinjal Parikh, Rakhee Kapadia, Rohan Pai, Mahendra Prajapati, Ganesh Shevalkar	Drug Development for Malaria: Novel Approaches for Prevention and Treatment	Emerging Formulation Technologies Against Malaria Resurgence	John Wiley & Sons, Inc.	2022	978-3-527-34860-2

**BOOK/ BOOK CHAPTERS PUBLISHED BY THE FACULTY MEMBERS 2023-2024**

Sr. No.	Name of the author/s	Name of the Chapter	Name of the book	Name of the publisher	Date/Year of publication	ISBN No.
1.	AK Mavi, MKumar, A Singh, MK Prajapati, R Khabiya, S Maru, D Kumar	Progress in Non-Viral Delivery of Nucleic Acid.	Integration of Biomaterials for Gene Therapy.	John Wiley & Sons, Inc.	05.10.2023	ISBN: 9781394174737
2.	AK Mavi, S Gaur, N Kumar, AK Shrivastav, S Bhattacharya, S Belemkar, S Maru, D Kumar	Effective Gene Transfer with Non-Viral Vectors.	Integration of Biomaterials for Gene Therapy.	John Wiley & Sons, Inc.	05.10.2023	ISBN: 9781394174737
3.	RE. Mutha, PS. Bafna, A Dwivedi, A Dubey, R Khabiya, D Kumar, SK Jha, P Ghode, K Sulakhiya, R Maru, K Shah, NS Chauhan & S Maru	Role of Block Copolymers in Targeted Drug Delivery	Block Co-polymeric Nanocarriers: Design, Concept, and Therapeutic Applications	Springer	30.11.2023	ISBN978-981-99-6916-6
4.	Ganesh Shevalkar, Mahendra Kumar Prajapati, Kamlesh Mali	A Brief Overview on Theranostic Applications of Graphene and Graphene-Based Nanomaterials	Nanomaterial-Based Drug Delivery Systems	Springer	22-Jun-23	NA
5.	Nikita Patil Samant, Girdhari Lal Gupta	Role of phospholipase A2 and glutamate in Alzheimer's disease	PHOSPHOLIPASES IN PHYSIOLOGY AND PATHOLOGY Volume 7: Phospholipases in Nonmalignant Human Diseases	Elsevier	Aug-23	NA
6.	Tanvi Pingle, Girdhari Lal Gupta	Phospholipase A2 in cardiovascular disease	IN PHYSIOLOGY AND PATHOLOGY Volume 7: Phospholipases in Nonmalignant Human Diseases	Elsevier	Aug-23	NA
7.	Dipti Patil , Nirav Y. Bhatia, Nikita Patil Samant, Girdhari Lal Gupta	Signal transduction mechanisms in the regulation of phospholipases	PHOSPHOLIPASES IN PHYSIOLOGY AND PATHOLOGY Volume 2: Signal Transduction Mechanisms in the Regulation of Phospholipases	Elsevier	Aug-23	NA
8.	Ganesh B. Shevalkar, Mahendra Kumar	Role of Lipids in Depot Injectables	Lipid-Based Drug Delivery Systems	Jenny Stanford Publishing, Taylor and	Oct-23	NA



	Prajapati, Chandrakantsing V. Pardeshi, Bhupendra Prajapati			Francis		
9.	Sankha Bhattacharya and Bhupendra G. Prajapati	Lipid nanoparticles in colorectal cancer	Colorectal Cancer Disease and Advanced Drug Delivery Strategies	Academic Press, Elsevier	24th November 2023	NA
10.	Sankha Bhattacharya, Bhupendra G. Prajapati and Sudarshan Singh	Polymeric nanoparticles in colorectal cancer	Colorectal Cancer Disease and Advanced Drug Delivery Strategies	Academic Press, Elsevier	24th November 2023	NA
11.	Nikita Patil, Girdhari Lal Gupta	Role of Phospholipase A2 and glutamate in Alzheimer's disease	Chakraborti - Phospholipases in Physiology & Pathology, V7: Phospholipases in Nonmalignant Human Diseases	Elsevier, Academic Press, London, United Kingdom	2023	ISBN: 978-0-443-21800-2
12.	Tanvi Pingale, Girdhari Lal Gupta	Phospholipase A2 in cardiovascular disease	Chakraborti - Phospholipases in Physiology & Pathology, V7: Phospholipases in Nonmalignant Human Diseases	Elsevier, Academic Press, London, United Kingdom	2023	ISBN: 978-0-443-21800-2
13.	Dipti Patil, Nirav Y. Bhatia, Nikita Patil Samant, Girdhari Lal Gupta	Signal transduction mechanisms in the regulation of phospholipases	Chakraborti - Phospholipases in Physiology & Pathology, V2: Signal Transduction Mechanisms in the Regulation of Phospholipases	Elsevier, Academic Press, London, United Kingdom	2023	ISBN: 978-0-323-95696-3
14.	Bhupendra G. Prajapati, Vipul D. Prajapati, Biswajit Basu, Prakash N. Kendre, Swarupananda Mukherjee, Tiyas Pal, Moumita Kundu, Sudarshan Singh, Sankha Bhattacharya, Jidnesh B. Dharmameher and Dhaivat C. Parikh	Chapter 3 - Methods for nanoencapsulation	Green Sustainable Process for Chemical and Environmental Engineering and Science	Elsevier	2023	978-0-12-817386-2
15.	Devendra Kumar, Ankit Ganeshpurkar	Drug repurposing from an academic and industrial view	Drug Repurposing	De Gruyter	2023	9783110791143
16.	Kuttiappan Anitha, Santenna Chenchula,	Revolutionizing Lung Cancer Treatment:	Immunotherapy Against Lung Cancer	Springer	20th March, 2024	978-981-99-7141-1

	Parameshwar Ravula, Chikatipalli Radhika & Shvetank Bhatt	Recent Breakthroughs in Immunotherapy				
17.	K. Sulakhiya, R. Paliwal, A. Kisku, M. Sahu, S. Aditya, P. Soni, S. Maru	Experimental Tools as an “Alternative to Animal Research” in Pharmacology	Software and Programming Tools in Pharmaceutical Research	Bentham Science Publishers	1st March, 2024	978-981-5223-02-6
18.	Kuttiappan Anitha , Mahabir Parshad Kaushik , Shvetank Bhatt , Mohana Lakshmi	Association of oxidative stress and diabetes mellitus	Biochemical Immunology of Diabetes and Associated Complications	Elsevier	29th March 2024	978-0-443-13195-0
19.	Arvind Singh Jadon , Mahabir Parshad Kaushik, Kuttiappan Anitha, Shvetank Bhatt , Poonam Bhadauriya , Manoj Sharma	Types of diabetes mellitus, mechanism of insulin resistance and associated complications	Biochemical Immunology of Diabetes and Associated Complications	Elsevier	29th March 2024	978-0-443-13195-0
20.	Arghya Kusum Dhar , Kuttiappan Anitha , Shvetank Bhatt	Immune system and diabetes mellitus	Biochemical Immunology of Diabetes and Associated Complications	Elsevier	29th March 2024	978-0-443-13195-0
21.	Parameshwar, K., Anitha, K., Mounika, N., Parameshwar, R., Narayana, N.A	Exosomes: Biogenesis, Composition, and Synthesis	Exosomes Based Drug Delivery Strategies for Brain Disorders.	Springer	31st March 2024	978-981-99-8373-5
22.	Nigade, A., Pathak, G., Anitha, K., Mishra, N., Bali, V., Bhatt, S.	Exosomes in Management of Depression	Exosomes Based Drug Delivery Strategies for Brain Disorders.	Springer	31st March 2024	978-981-99-8373-5
23.	Shvetank Bhatt, Rohini Pujari, Yuvraj Patil, Satish Shilpi, and K. Anitha	Role of Synbiotics in Neurodegenerative Diseases	Synbiotics in Human Health: Biology to Drug Delivery	Springer	3rd April 2024	978-981-99-5575-6
24.	Dr. Devendra Kumar	Assessing the impact of Bilingualism on the linguistic skills of children with autism spectrum disorder (ASD) in Greece: A Scoping Review	Medicina Journal	MDPI	30.04.2024	