



**All India Shri Shivaji Memorial Society's  
College of Pharmacy, Kennedy Rd, Pune-411 001.**

Establishment 1996; Affiliated to Savitribai Phule Pune University,

Approved by AICTE & Recognized by PCI

Accredited by NBA (B. Pharm Course) 2F/12B Recognition by UGC

**Mail:** [contact@aissmscop.com](mailto:contact@aissmscop.com) **Website:** [www.aissmscop.com](http://www.aissmscop.com)



**Name:** Dr. Padmanabh B. Deshpande

**Designation :** Associate Professor

**Qualifications :** M. Pharm, Ph.D.

**Contact No:** 020-26058204/9763740388

**Email-Id:** padmanabh77@yahoo.co.in



**PROFESSIONAL EXPERIENCE:**

1. Worked as a Lecturer at Mandar Education Society's college of Pharmacy, Pedhambe, Chiplun from August 1999 to July 2005.
2. Working as a Assistant Professor at AISSMS College of Pharmacy from 14<sup>th</sup> August 2007 to till date.

**TOTAL EXPERIENCE IN YEARS:**

- ❖ Teaching: 23 yrs.
- ❖ Research: 11 Yrs

**AREAS OF INTEREST:**

Method Development and Validation for Bulk Drug and Products

Stability Testing of Drugs and Pharmaceuticals

Herbal Drug Standardization

Chemometric Analysis

**M. PHARM STUDENTS GUIDED: 30**

- ❖ Approved as PG guide by Savitribai Phule Pune University and guided 30 M. Pharm students
- ❖ Approved as Ph. D. guide by Savitribai Phule Pune University

**BOOKS AUTHORED: 05**

1. Name of Book: Pharmaceutical Analysis III (ISBN – 978-93-86488-57-2), Publisher: Thakur Publication, Lucknow-226021(India)
2. Name of Book: Practical Handbook of Pharmaceutical Biochemistry (ISBN – 978-93-24457-07-2) Publisher: Success, Pune-411030 (India)
3. Name of Book: Pharmaceutical Inorganic Chemistry (ISBN – 978-93-332-1862-7) Publisher: Technical Publication, Pune-411030(India)
4. Name of Book: Instrumental Methods of Analysis. Publisher: Technical Publication, Pune-411030 (India) (ISBN – 978-93-90770-32-8).
5. Name of Book: Textbook of Pharmaceutical Analysis. Publisher: Shashwat Publication, Chhattisgarh 495001 (India) (ISBN – 978-93-6087-788-0).

**PROJECTS HANDLED/GRANTS RECEIVED:**

- ❖ No. of Funded Research Projects (University/Industry): 03
- ❖ Amount of Research Grant Received: 4 Lakhs

**INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:**

- Working as Working as ARC (FC) Co-ordinator for first year B. Pharmacy, M. Pharmacy admission process organized by DTE from 2008.
- ❖ Preparation of documents for AICTE, PCI and DTE
- ❖ Working as Transcript and Recommendation Incharge for the college

**AWARDS/ACHIEVEMENT/MEDALS:**

- ❖ Received Dr. P.D. Sethi award 2009 (Certificate of appreciation) for research paper in pharmaceutical analysis awarded by Kongposh Publications, New Delhi.
- ❖ Received 2<sup>nd</sup> prize for oral presentation for the research paper entitled “Stability- indicating HPLC method for simultaneous determination of Atazanavir and Ritonavir from their combination drug products” at National Conference on Pharmaceutical Analysis 2013 organized by Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad between 18<sup>th</sup> to 19<sup>th</sup> Oct. 2013.

**PUBLICATIONS:**

- ❖ REVIEWS: 08
- ❖ NATIONAL RESEARCH PUBLICATIONS: 04
- ❖ INTERNATIONAL RESEARCH PUBLICATIONS: 114

### **\*REVIEW PUBLICATIONS\***

1. **Padmanabh Deshpande**, Sachin Potawale, Shashikant Bhandari, Rani Deshmukh, "A Review on phytochemical and pharmacological properties of Momordica Charantia Linn." **Pharmacologyonline**, 2, 2008, 319-335.
2. **P. B. Deshpande\*** and S. R. Butle. Determination of Dipeptidyl Peptidase-4 Inhibitors by Spectrophotometric and Chromatographic Methods. *Journal of Analytical Chemistry*. 2018, 73(4): 303-316.
3. Dipak Supe, **Padmanabh B. Deshpande\***, Priyanka Kandhare, Sandeep Swami "Review on Murraya koenigii: Multipurpose Role in Management of Human Health" **International Journal of Pharmacy and Pharmaceutical Research**, 2021; 22 (1): 64-81.
4. Shraddha S. Jadhav, **Padmanabh B. Deshpande\***, Priyanka Kandhare and Shriram Temgire "Phytochemical and pharmacological properties of Phyllanthus Niruri: A review" **European Journal of Biomedical and Pharmaceutical Sciences**, 2021, Volume, 8(7): 571-578.
5. Shriram Temgire, **Padmanabh B. Deshpande\***, Priyanka Kandhare and Dipak Supe "A review on phytochemical and pharmacological activities of Baccopa Monneiri" **European Journal of Pharmaceutical and Medical Research**, 2021, 8(8): 204-211.
6. **Padmanabh. B. Deshpande\***, Saurabh R. Jadhav, Shraddha. S. Jadhav, Sandeep Swami, Dipak Supe "Chromatographic Methods for Determination of Dipeptidyl peptidase-4 (DPP-4) inhibitors: A Review" **International Journal of PharmTech Research**. 2021, 14(2): 199-212.
7. Padmanabh B. Deshpande\*, Snehal R. Dhamodkar, Jay Y. Mehta and Sushant V. Deshpande. A review on spectrophotometric methods for determination of HMG-COA REDUCTASE inhibitors (Statins). **European Journal of Pharmaceutical and Medical Research**, 2022, 9(5): 462-467.
8. Padmanabh Deshpande\*, Pooja Badgujar, Abhishek Pawane, Shivani Kolekar, Sakshi Bhendekar, Sayali Kohakade. Spectrophotometric and Chromatographic Methods for Determination of Calcium Channel Blockers: A Review **Foundry Journal**, 2023, 26(11) 22-47.

### **\*NATIONAL RESEARCH PUBLICATIONS\***

1. **P. Deshpande**, S. S. Dhaneshwar, M. Patil, G. Vadnerkar, & S.R. Dhaneshwar "Validated method development for estimation of Duloxetine hydrochloride as bulk drug and in tablet dosage form by HPTLC" **Indian Journal of Pharmaceutical Sciences**, 70, 2008, 233-235.

2. **P. B. Deshpande**, G. Shridharan, Libi Anandi, D. Jadhav, M. C. Damle, S. V. Gandhi “Validated method development for estimation of Atorvastatin calcium and Fenofibrate in fixed dose combination by HPTLC” **Pharma Review**, May 2009, 151-153.
3. S. V. Gandhi, **P. B. Deshpande**, U. P. Patil, P. J. Mundhe, P. R. Deshmukh “HPTLC determination of Cefpodoxime Proxetil and Potassium Clavulanate in Combined Tablet Dosage Form” **Pharma Review**, Nov-Dec 2010, 148-150.
4. Vasudha B. Pisal, **Padmanabh B. Deshpande\***, Santosh V. Gandhi, Yogeshwari Bhangale “A Validated RP-HPLC Method for Analysis of Cefadroxil and Potassium Clavulanate as the Bulk Drugs and in Combined Tablet Dosage Forms” **Pharma Review, May-June 2011**.

**\*INTERNATIONAL RESEARCH PUBLICATIONS\***

1. **P. Deshpande**, S. S. Dhaneshwar, M. Patil, S.R. Dhaneshwar “Development and validation of a method for simultaneous densitometric estimation of atorvastatin calcium and ezetimibe as the bulk drug and in tablet dosage forms” **Acta Chromatographica**, 19, 2007, 141-148.
2. **P. Deshpande**, S. S. Dhaneshwar, M. Patil, G. Vadnerkar, S.R. Dhaneshwar “Development and validation of a method for simultaneous densitometric analysis of simvastatin and ezetimibe as the bulk drugs and in the tablet dosage form” **Acta Chromatographica**, 20 (1), 2008, 71-79.
3. **Padmanabh B. Deshpande**, Mrinalini C. Damle, Amol O. Bajaj, Asma Y. Saudagar “A validated high performance thin layer chromatographic method for simultaneous estimation of aspirin and clopidogrel in pharmaceutical dosage form” **Analytical Chemistry an Indian Journal**, 7, 2008, 789-794.
4. **Deshpande Padmanabh B**, Gandhi Purvi S., Mahajan Anand, Pandita Nancy, Gandhi Santosh V., Athensia Fonseca “Validated High Performance Thin Layer Chromatographic Method for Estimation of Olopatadine Hydrochloride as Bulk drug and in Ophthalmic Solution” **International Journal of ChemTech Research**, 2, 2010, 1372-1375.
5. **Deshpande Padmanabh B**, Gandhi Purvi S., Mahajan Anand, Pandita Nancy, Gandhi Santosh V. “Development and Validation of High Performance Thin Layer Chromatographic Method for Estimation of Brimonidine Tartrate as Bulk Drug and in

Ophthalmic Solutions” **International Journal of PharmTech Research**, 2, 2010, 1376-1379.

6. Nilesh V. Gaikwad, **Padmanabh B. Deshpande** \*, Santosh V. Gandhi, Kapil K. Khandagale “High Performance Thin Layer Chromatographic Determination of Spironolactone and Torsemide in Combined Tablet Dosage Form” **Research Journal of Pharmacy and Technology**, 3, 2010, 1106-1108.
7. **P. B. Deshpande**, R. K. Nanda, S. E. Potawale, R. S. Deshmukh, V. V. Bhagwat “Development and validation of a HPTLC method for simultaneous densitometric analysis of ranitidine hydrochloride and dicyclomine hydrochloride as bulk drugs and in tablet dosage form” **Journal of Pharmacy Research**, 3, 2010, 1997-1999.
8. **Padmanabh Deshpande**, Santosh.Gandhi\*, Vandana Bhavnani, Raviraj Bandewar, Abhijeet Dhiware, Vrushali Diwale “High Performance Thin Layer Chromatographic Determination of Famotidine and Domperidone in Combined Tablet Dosage Form” **Research Journal of Pharmaceutical, biological and chemical sciences**, 1, 2010, 354-359.
9. S. V. Gandhi, **P. B. Deshpande**, Vivek Rajmane, Tanmay Dodal, Jitesh Parab “Method development and validation for simultaneous estimation of drotaverine hydrochloride and aceclofenac in tablet dosage form by RP-HPLC” **International Journal of Pharmaceutical Sciences Review and Research**, 4, 2010, 49-52.
10. K. S. Khandagale, S. V. Gandhi, **P. B. Deshpande**, A. N. Kale, P. R. Deshmukh “High Performance Thin Layer Chromatographic Determination of Cefixime and Ofloxacin in Combined Tablet Dosage form” **Journal of chemical and Pharmaceutical Research**, 2(5), 2010, 92-96.
11. S. V. Gandhi\*, **P. B. Deshpande**, Vivek Rajmane, Sagar Chaudhari “High Performance Thin Layer Chromatographic Determination of drotaverine hydrochloride and aceclofenacin Combined Tablet Dosage Form” **International Research Journal of Pharmacy**, 1 (1), 2010, 189-193.
12. Gandhi Santosh, **Deshpande Padmanabh\***, Sengar Mahima “High Performance Thin Layer Chromatographic Determination of Diclofenac sodium and Thiocolchicoside in fixed dose combination” **International Research Journal of Pharmacy**, 1 (1), 2010, 220-224.

13. Santosh Gandhi, **Padmanabh Deshpande\***, Pankaj Jagdale, Varun Godbole "A Simple and Sensitive RP-HPLC Method for Simultaneous Estimation of Artesunate and Amodiaquine in Combined Tablet Dosage Form" **Journal of chemical and pharmaceutical Research**, 2(6), 2010, 429-434.
14. **P. B. Deshpande**, J. N. Patel, S. J. Kshirsagar, N. V. Gaikwad " High Performance Thin Layer Chromatographic Determination of Prednisolone In human plasma" **International Journal of Biomedical Research and Analysis**, 2010, 1(3), 84-87.
15. Yogeshwari S. Bhangale, **Padmanabh B. Deshpande\***, Santosh V. Gandhi Vasudha B. Pisal "High Performance Thin Layer Chromatographic Method for Simultaneous Estimation of Paracetamol and Etoricoxib in Combined Tablet Dosage Form" **Journal of Pharmaceutical and Biomedical Sciences**, 2010, 3(7), 1-5.
16. Poonam H. Chaube, Santosh V. Gandhi\*, Padmanabh B. Deshpande, Veena G. Kulkarni "High Performance Thin Layer Chromatographic Analysis of Paracetamol and Etodolac in Spiked Human Plasma" **Journal of Pharmaceutical and Biomedical Sciences**, 2010, 7(13), 1-6.
17. **P. B. Deshpande\***, S. V. Gandhi, N. V. Gaikwad, A. V. Patel, V. A. Khandelwal, U. V. Bhavsar, B. P. Pawaskar "High Performance Thin Layer Chromatographic Determination of Ethinylestradiol and Norgestimate in Combined Tablet Dosage Form" **Research Journal of Pharmacy and Technology**, 4(4), 2011, 582-584.
18. **P. B. Deshpande**, S.S. Ranher, S.V. Gandhi\*, B. B. Gandhi, V. V. Mhatre "A Simple and Sensitive HPLC Method for Simultaneous Analysis of Nabumetone and Paracetamol in Pharmaceutical Formulation" **Analytical Chemistry an Indian Journal**, 10(1), 2011, 51-54.
19. **Padmanabh Deshpande**, Nilesh Gaikwad, Santosh Gandhi, Kapil Khandagale "A simple and sensitive RP-HPLC method for simultaneous estimation of cefixime and ofloxacin in combined tablet dosage form" **International Journal of Pharmacy and Pharmaceutical Sciences**. 3(1), 2011, 46-48.
20. Veena G. Kulkarni, Santosh V. Gandhi\*, **Padmanabh B. Deshpande**, Poonam H. Chaube "High Performance Thin Layer Chromatographic Analysis of Paracetamol and Lornoxicam in Combined Tablet Dosage Form" **Der Chemica Sinica** 2011, 2(1), 182- 188.

21. Santosh. V. Gandhi, S. S. Ranher, **Padmanabh. B. Deshpande** and Dixit K. Shah “Simultaneous HPTLC Determination of Nabumetone and Paracetamol in Combined Tablet Dosage Form” **Journal of Brazilian Chemical Society**, 2011, 1-5.
22. Veena G. Kulkarni, Santosh V. Gandhi\*, Padmanabh B. Deshpande, Poonam H. Chaube “A Validated RP-HPLC Method for Simultaneous Estimation of Paracetamol and Lornoxicam in Combined Tablet Dosage Form” **International Journal of Pharmacy and Pharmaceutical Sciences**, 2011, 3(3), 225-227.
23. **Padmanabh B. Deshpande\***, Santosh V. Gandhi, Nilesh V. Gaikwad, Vishal Mhatre, Jitesh Parab “High Performance Thin Layer Chromatographic Determination of Ethinylestradiol and Levonorgestrel in Combined Tablet Dosage Form” **International Journal of Pharmaceutical Research**, 2011, 3(3).
24. Vasudha B. Pisal, **Padmanabh B. Deshpande\***, Santosh V. Gandhi, Yogeshwari Bhangale “A Validated RP-HPLC Method for Analysis of Cefadroxil and Potassium Clavulanate as the Bulk Drugs and in Combined Tablet Dosage Forms” **Der Pharmacia Sinica**, 2011, 2(2), 79-85.
25. Santosh V. Gandhi\*, Padmanabh B. Deshpande, Varun Godbole, Pankaj Jagdale, Sayali Kadukar “A Validated Reverse Phase HPLC Method for Simultaneous Determination of Telmisartan and Ramipril as Bulk Drug and in Tablet Dosage Form” **Journal of Chemical, Biological and Physical Sciences**, 2011, 1(2), 283-288.
26. Shital S. Bhandari, Santosh V. Gandhi\*, **Padmanabh B. Deshpande**, Navjot Ghobale “High performance thin layer chromatographic determination of lornoxicam in human plasma” **Journal of Chemical, Biological and Physical Sciences**, 2012, 2(1), 279-283.
27. **Padmanabh Deshpande\***, Nilesh Gaikwad, Santosh Gandhi, Kapil Khandagale “A simple and sensitive RP-HPLC method for simultaneous estimation of torsemide and spironolactone in combined tablet dosage form” **Acta Chromatographica**, 2012, 24 (1), 15-22.
28. Veena G. Kulkarni, Santosh V. Gandhi\*, **Padmanabh B. Deshpande**, Poorva Divekar “High Performance Thin Layer Chromatographic Determination of Paracetamol and Etodolac in combined Tablet Dosage Form” **Journal of Chemical and Pharmaceutical Research**. 2012, 4(3):1750-1755.

29. Vandana S. Bhavnani, Santosh V. Gandhi, **Padmanabh B. Deshpande**, Abhijit D. Dhiware and Sachin E. Potawale, A simple and sensitive RP-HPLC method for simultaneous estimation of dexketoprofen and thiocolchicoside in combined tablet dosage form. **Der Pharmacia Sinica**, 2012, 3 (4):433-436.

30. **Padmanabh. B. Deshpande**, Santosh. V. Gandhi, Rajiv A. Mantri, Khushbu P. Luniya, Shalaka U. Dubey and Shriniwas K. Bharani, Validated Method Development for Estimation of Naproxen sodium as Bulk Drug and in Tablet Dosage Form by HPTLC. **Eurasian J Anal Chem** 2012, 7(1): 1-6. .

31. Abhijit D. Dhiware, Santosh V. Gandhi, **Padmanabh B. Deshpande**, Vandana S. Bhavnani, A simple and sensitive RP-HPLC method for simultaneous estimation of etodolac and thiocolchicoside in combined tablet dosage form. **Int J Pharm Pharm Sci** 2012, 4(4), 214-216.

32. Yogeshwari S. Bhangale, Santosh V. Gandhi, **Padmanabh B. Deshpande** and Sachin E. Potawale, A validated HPTLC method for simultaneous estimation of metoprolol succinate and isosorbide mononitrate in combined capsule dosage form. **Int J Pharm Pharm Sci**, 2012, 4(4), 217-220.

33. Vandana S. Bhavnani, Santosh V. Gandhi, **Padmanabh B. Deshpande**, Abhijit D. Dhiware, High Performance Thin Layer Chromatographic Determination of Dexketoprofen and Thiocolchicoside in Combined Tablet Dosage Form. **Journal of Chemical and Pharmaceutical Research** 2012, 4(6): 3324-3328.

34. Abhijit D. Dhiware, Santosh V. Gandhi, **Padmanabh B. Deshpande** & Prajakta S. Pawar, High Performance Thin Layer Chromatographic Determination of Etodolac and Thiocolchicoside in Combined Tablet Dosage Form. **Pharma Review**, Sep-Oct 2012.

35. Pawar Prajakta, **Deshpande Padmanabh**, Gandhi Santosh, Bhavnani Vandana, High Performance Thin Layer Chromatographic Determination of Cilnidipine and Telmisartan in Combined Tablet Dosage Form. **International Research Journal of Pharmacy** 2012, 3(6), 219-222.

36. Yogeshwari Bhangale, Padmanabh B. Deshpande\*, Santosh V. Gandhi, Omprakash Patil A Validated RP-HPLC Method for Simultaneous Estimation of Metoprolol Succinate and Isosorbide Mononitrate as the Bulk Drug and in Combined Capsule Dosage Forms. **Pharma Review**. Mar Apr 2012.

37. Prajakta Pawar, Santosh V. Gandhi, **Padmanabh B. Deshpande**, Suvarna Vanjari and Swapnil U. Shelar, Simultaneous RP-HPLC estimation of cilnidipine and telmisartan in combined tablet dosage form. **Der Chemica Sinica**, 2013, 4(2): 6-10.
38. Vasudha B. Pisel, **Padmanabh B. Deshpande\*** and Ashish Gaikwad, Sujith S. Nair High performance thin layer chromatographic determination of atazanavir and ritonavir in combined tablet dosage form. **Der Chemica Sinica**, 2013, 4(5): 21-25
39. Abhijit D. Dhiware, **Padmanabh B. Deshpande\***, Santosh V. Gandhi, Sujith Nair, Suvarna Vanjari A Simple and Sensitive RP-HPLC Method for Simultaneous Estimation of Atorvastatin Calcium, Ezetimibe and Fenofibrate in Combined Tablet Dosage Form. **Research J. Pharm. and Tech.** 2013, 6(10): 1085-1088.
40. **Padmanabh Deshpande\***, Santosh R. Butle. Development and Validation of Stability-Indicating RP-HPLC Method for Determination of Atazanavir and Ritonavir. **Research J. Pharm. and Tech.** 2014, 7(11): 1231-1236.
41. **Padmanabh Deshpande\***, Santosh R. Butle. Stability indicating high performance thin layer chromatographic method for determination of Atazanavir and Ritonavir in combined tablet dosage form. **Journal of Pharmaceutical and Scientific Innovation**. 2014, 3(5): 468-473.
42. **Padmanabh Deshpande\***, Santosh R. Butle. Development and validation of stability indicating HPTLC method for determination of Darunavir ethanolate and Ritonavir. **Int. J. Pharm. Pharm. Sci.** 2015, 7(6): 66-71.
43. Santosh R. Butle, **Padmanabh B. Deshpande**. Development and validation of stability indicating HPTLC method for determination of Opipramol hydrochloride as bulk drug and in tablet dosage form. **World Journal of Pharmaceutical Research**. 2015, 4(9): 1952-1962.
44. Santosh R. Butle, **Padmanabh B. Deshpande**. Validated stability indicating HPTLC method development for determination of Vildagliptin as bulk drug and in tablet dosage form. **EJPMR**. 2015, 2(6): 234-237.
45. Santosh R. Butle, **Padmanabh B. Deshpande**. Development and Validation of Stability-Indicating HPTLC Method for Simultaneous Determination of Telmisartan and Cilnidipine in Combined Tablet Dosage Form. **International Journal of Pharmaceutical Sciences and Drug Research**. 2015; 7(6): 478-483.

46. Yogesh Gandhi, **Padmanabh Deshpande\***, Neha Deore and Ganesh Sarowar. Development and validation of stability indicating HPTLC method for simultaneous estimation of paracetamol and mefenamic acid in liquid dosage form. **Journal of Chemical and Pharmaceutical Research.** 2016; 8(7): 677-682.

47. Yogesh Gandhi, **Padmanabh Deshpande\***, Neha Deore, Ganesh Sarowar and Janvi Bhatt. Development and validation of stability indicating HPTLC method for simultaneous estimation of cetirizine hydrochloride and ambroxol hydrochloride in combined tablet dosage form. **European Journal of Biomedical and Pharmaceutical Sciences.** 2016, 3(8): 268-274.

48. Ganesh S. Sarowar, **Padmanabh B. Deshpande\***, Yogesh R.Gandhi, Janvi J. Bhatt. Stability indicating HPTLC method development and validation for estimation of sitagliptin phosphate in tablet dosage form. **European Journal of Pharmaceutical and Medical Research.** 2016; 3(1): 213-218.

49. Ganesh Sarowar, **Padmanabh Deshpande\***, Yogesh Gandhi and Janvi Bhatt. Development and Validation of Stability-indicating HPTLC Method for Determination of Rizatriptan as Bulk Drug and in Tablet Dosage Form. **Journal of Chemical and Pharmaceutical Research.** 2016, 8(4): 1246-1252.

50. Janvi Bhatt, **Padmanabh Deshpande\***, Neha Deore, Yogesh Gandhi, Ganesh Sarowar. Stability indicating method development and validation for simultaneous determination of levocetirizine hydrochloride and montelukast sodium as bulk drugs and in tablet dosage form. **World Journal of Pharmaceutical Research.** 2016; 5(8): 644-655.

51. Santosh R. Butle, **Padmanabh B. Deshpande.** Application of accelerated stability studies on linagliptin by HPTLC. **Asian J. Chem.** 2017, 29(1): 94-98.

52. **Padmanabh Deshpande\***, Santosh R. Butle. Stability indicating high performance thin layer chromatographic determination of alogliptin Benzoate as bulk drug and in tablet dosage form. **Eurasian J. Anal. Chem.** 2017, 12(4): 325-335.

53. Sonali Sangle, **Padmanabh Deshpande\***, Neha Shinde and Vishal Tayade Development and validation of stability indicating hptlc method for simultaneous determination of olmesartan medoxomil and chlorthalidone in combined tablet dosage forms. **European Journal of Pharmaceutical and Medical Research.** 2017, 4(7): 574-581.

54. Vishal Tayde, **Padmanabh Deshpande\***, Pawan Kudale, Sonali Sangle, Neha Shinde Validated Stability-indicating HPTLC Method for Simultaneous Estimation of Ilaprazole and Domperidone as Bulk Drugs and in Capsule Dosage Form. **Acta Velit** 2017, 3(4), 13-22.

55. Pawan Kudale, **Padmanabh Deshpande\***, Mangesh Bhalekar, Vishal Tayde, Sonali Sangle Formulation and evaluation of herbal wound healing formulation of centella Asiatica. **World Journal of Pharmaceutical Research.** 2017, 6(6): 1335-1345.

56. Amit Gunje, **Padmanabh Deshpande\*** Chemometric-assisted UV spectrophotometric method for determination of Rosuvastatin Calcium and Ezetimibe in pharmaceutical dosage form. **International Journal of Pharmacy and Pharmaceutical Research.** 2018, 11 (4): 248-259.

57. **Padmanabh Deshpande\*** and Amit Gunje. Simultaneous estimation of rosuvastatin calcium and ezetimibe as bulk drug and in tablet dosage form by RP-HPLC method. **Indo American Journal of Pharmaceutical Sciences.** 2018, 05 (04): 3197-3202.

58. Bhavana Patil, **Padmanabh Deshpande\*** and Mangesh Bhalekar. Statistical optimization of herbal cream containing wound healing and antifungal agents. **European Journal of Pharmaceutical and Medical Research.** 2018, 5(7), 325-332.

59. **Padmanabh Deshpande\***, Varsha Mandawad. Development and validation of stability indicating HPTLC method for determination of azelastine hydrochloride as bulk drug and in pharmaceutical liquid dosage form. **Indo American Journal of Pharmaceutical Sciences.** 2018, 05 (06): 5107-5113.

60. Varsha Mandawad and **Padmanabh B. Deshpande\***. Development of stability indicating analytical method for simultaneous estimation of ezetimibe and glimepiride in bulk and pharmaceutical dosage form. **European Journal of Biomedical and Pharmaceutical Sciences.** 2018, 5(7), 601-608.

61. Nathuram Kanthale, **Padmanabh Deshpande\***, Meghna Mokashi. Development and validation of stability indicating HPTLC method for estimation of theophylline in tablet formulation. **European Journal of Pharmaceutical and Medical Research.** 2018, 5(8), 386-391.

62. Priyanka D. Kandhare and **Padmanabh B. Deshpande\***. Determination of quercetin in methanolic extract of sesbaniasesban (fabaceae) by HPTLC method. *European Journal of Biomedical and Pharmaceutical Sciences*. 2018, 5(12), 205-208.

63. Priyanka D. Kandhare, **Padmanabh Deshpande\*** and Mangesh Bhalekar. Formulation, optimization and evaluation of herbal cream containing anti-inflammatory agents. *European Journal of Pharmaceutical and Medical Research*. 2019, 6(5), 297-303.

64. Shruti S. Bhagwat and **Padmanabh B. Deshpande\***. Determination and fingerprinting of gallic acid in hydroalcoholic extract of helicterus isora (malvaceae) by HPTLC method. *Indo American Journal of Pharmaceutical Sciences*. 2019, 6 (4), 8503-8508.

65. Akshay D. Dhamane and **Padmanabh B. Deshpande\***. Determination of naringenin in hydroalcoholic extract of commiphora mukul (burseraceae) by HPTLC method. *European Journal of Pharmaceutical and Medical Research*. 2019, 6(3), 413-417.

66. Akshay Dhamane, **Padmanabh Deshpande\***. Stability indicating high performance thin layer chromatographic method for determination of perphenazine in tablet dosage form. *International Journal of Pharmacy and Pharmaceutical Research*. 2019, 15(2), 59-69.

67. Pooja Pawar, **Padmanabh Deshpande\***. Determination of cinnarizine and dimenhydrinate in combined tablet dosage form by stability indicating HPTLC method. *International Journal of Pharmacy and Pharmaceutical Research*. 2019, 15(1): 231- 241.

68. Pooja P. Pawar, **Padmanabh B. Deshpande\***. Stability indicating high performance thin layer chromatographic determination of nortriptyline hydrochloride as bulk drug and in capsule dosage form. *European Journal of Biomedical and Pharmaceutical Sciences*. 2019, 6(5): 549-553.

69. Mayur Mahire, **Padmanabh Deshpande\***. Validated stability indicating HPTLC method for simultaneous estimation of eperisone hydrochloride and diclofenac sodium in combined capsule dosage form. *World Journal of Pharmacy and Pharmaceutical Sciences*. *World Journal of Pharmacy and Pharmaceutical Sciences*. 2019, 8(6): 863- 875.

70. Mayur Mahire, **Padmanabh Deshpande\***. Validated stability indicating high performance thin layer chromatographic method for determination of teneligliptin in

tablet dosage form. *European Journal of Pharmaceutical and Medical Research*. 2019, 6(6): 675-681.

71. Aniket B. Ithape, **Padmanabh B. Deshpande\***, Priyanka Shelke. Stability indicating RP-HPLC method development and validation for determination of abacavir sulphate in tablet dosage form. *International Journal of Pharmacy and Pharmaceutical Research*. 2020, 17 (4): 670-680.

72. Aniket B. Ithape, **Padmanabh B. Deshpande\*** and Priyanka Shelke. Validated stability indicating high performance thin layer chromatographic determination of abacavir sulphate in tablet dosage form. *European Journal of Biomedical and Pharmaceutical Sciences*. 2020, 7(9): 261-266.

73. Sumit S. Soundale, **Padmanabh B. Deshpande\***, Israr Shaikh. Development and validation of novel stability-indicating RP-HPLC method for determination of linagliptin. *International Journal of Pharmacy and Pharmaceutical Research*. 2020, 19 (1): 800-809.

74. Sumit Soundale, **Padmanabh B. Deshpande\*** and Akshay Kale. Application of validated stability indicating high performance thin layer chromatographic method for determination of linagliptin in tablet dosage form. *European Journal of Biomedical and Pharmaceutical Sciences*. 2020, 7(2): 317-322.

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form. *International Journal of Pharmacy and Pharmaceutical Research*. 2022, 25(3): 190-202.

94. **Padmanabh B. Deshpande**, Aarti Khadtare, Pratiksha Shinde, Rutuja Parit, Vaishnavi Kohakade. Development and validation of novel stability-indicating RP-HPLC method for determination of semaglutide in tablet dosage form. *International Journal of All Research Education and Scientific Methods*. 2023; 11(4): 1046-1052.

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106. Karavadi Thejomoorthy1, Deshpande Padmanabh Bhagwan, Sheela Shivaji Thorat, Mausami Chandrakantbhai Vaghela, Sneha B. Surkar, Junmoni Nath, Richa Saxena. Simultaneous Quantification of Luteolin and Curcumin in Herbal Supplements Using RP-HPLC for Addressing Nutritional Deficiencies. **Frontiers in Health Informatics**. 2024, 13(8): 2385-2394.

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111. **Padmanabh B. Deshpande\***, Ankit S. Rathod, Nikita H. Bhadane and Isha P. Bhaleghare. A novel stability indicating high performance thin layer chromatographic method for determination of norethisterone acetate as bulk drug and in tablet dosage form. European Journal of Biomedical and Pharmaceutical Sciences. 2025, 12(5): 190-196.

112. **Padmanabh B. Deshpande\***, Nikita H. Bhadane, Isha Bhaleghare, Ankit S. Rathod. Validated Stability-indicating HPTLC Method Development for Simultaneous Determination of Efondipine hydrochloride and Telmisartan as Bulk Drugs and in Combined Tablet Formulation. Advances in Science and Technology of Water Resources. 2025, 9(4): 551-566.

113. **Padmanabh B. Deshpande\***, Ankit Rathod, Nikita Bhadane, Shreyas Raut. Development and Validation of Stability-indicating HPTLC for Determination of Imeglimin Hydrochloride as Bulk Drug and in Tablet Formulation. 2025, 12(3): 1836-1839.

114. **Padmanabh B. Deshpande**, Nikita Bhadane, Ankit Rathod, Prasad Amane. Validated Stability-indicating HPTLC Method Development for Simultaneous Determination of Efondipine hydrochloride and Metoprolol succinate as Bulk Drugs and in Combined Tablet Formulation. 2025, 12(3): 421-425.

#### **PRESENTATIONS:**

1. Poster presented “Method development and validation for simultaneous estimation of Simvastatin and Ezetimibe as bulk drugs and in tablet dosage form by HPTLC” at 58<sup>th</sup> IPC, Mumbai, on 2 Dec. 2006.
2. Poster presented “Evaluation of analgesic and anti inflammatory activity of Soymida febrifuga barks” at National seminar on advances in drug discovery and development, Bilaspur on 18 Jan 2008.
3. Poster presented on “Stability indicating HPLC method for determination of Atazanavir and Ritonavir” at NCPA 2013, Organized by Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 18<sup>th</sup> to 19<sup>th</sup> Oct. 2013.
4. Oral presentation on “Validated stability indicating method development for determination of drugs in pharmaceutical dosage form” at Regional Research Conference for Pune University College Teachers” INNOVATION 2013” held at Amrutvahini College of Pharmacy, Sangamner during 17<sup>th</sup> to 18<sup>th</sup> April 2013.
5. Poster presentation on “Stability indicating method development and validation for simultaneous estimation of drugs as bulk and in pharmaceutical formulations” at Regional Research Conference for Pune University College Teachers” INNOVATION 2015” held at Sinhagad College of Pharmacy, Pune 29<sup>th</sup> to 30<sup>th</sup> June 2015.
6. **Padmanabh Deshpande**, Santosh R. Butle. Stability-indicating HPTLC method for simultaneous determination of Atazanavir and Ritonavir from their combination drug

products. AICTE Sponsored Innovation Promotion Scheme on Modern methods and techniques in drug discovery and process research, School of Pharmacy, Swami Ramanand Teerth Marathwada University, Nanded, 21<sup>st</sup> to 22<sup>nd</sup> Aug. 2014.

**AICTE ATAL FDP ATTENDED**

1. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Leadership & Excellence" at Faculty of Engineering & Technology from 14-18 September 2020.
2. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Chromatography: Advancements in Instrumentation and Applications" at

Dr D Y Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune from 12- 16 October 2020.

3. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on " Personal and Professional Excellence" at IPS Academy, Institute of Engineering & Science, Indore from 7-11 December 2020.
4. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on Life skills: Personal effectiveness" at International Institute of Health Management Research, Delhi from 21-25 June 2021.
5. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Creating and Publishing e-Content in Technical Teaching Learning Process" at College of Engineering Thalassery from 5-9 July 2021.
6. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Emerging Trends in Drug Engineering" at Prin. K. M. Kundnani College of Pharmacy from 30/08/2021 to 03/09/2021.
7. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Pharmaceutical Quality System for Product Life Cycle Management" at Bharati Vidyapeeth College of Pharmacy from 27/09/2021 to 01/10/2021.

#### **CONFERENCES/ WORKSHOPS / SEMINARS ATTENDED:**

1. AICTE sponsored staff development programme on "New Advances in Drug Design" at AISSMS College of Pharmacy, Pune from 14<sup>th</sup>- 19<sup>th</sup>May 2001.
2. AICTE sponsored QIP program on "Advances in pharmacology" at Poona College of Pharmacy, Pune from 20<sup>th</sup> Feb. – 4<sup>th</sup> March 2006.
3. AICTE sponsored staff development programme on "New Advances in Drug Design" at AISSMS College of Pharmacy, Pune from 17<sup>th</sup>- 29<sup>th</sup> November 2008.
4. Attended AICTE sponsored QIP programme on "Emerging Trends in Drug Discovery and Quality Assurance" at Kamla Nehru College of Pharmacy, Butibori, Nagpur from 24<sup>th</sup> Nov. – 7<sup>th</sup> Dec 2009.
5. One day workshop attended on "Computer Aided Drug Design" at AISSMS College of Pharmacy, Pune on 3<sup>rd</sup> April 2006.

6. Attended one day workshop on “Effective Implementation of Curriculum” at Smt. Kashibai Nawale College of Pharmacy organized by Board of studies in Pharmaceutical Chemistry, Faculty of Pharmaceutical Sciences, University of Pune on 10<sup>th</sup> October 2009.
7. Attended one day workshop on “Chemo informatics in Drug Discovery” at Smt. Kashibai Nawale College of Pharmacy organized by University of Pune on 15<sup>th</sup> January 2011.
8. Attended NCPA 2013, Organized by Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad from 18<sup>th</sup> to 19<sup>th</sup> Oct. 2013.
9. Attended AICTE sponsored Faculty Development Programme Role of industry and institute interface for academic excellence in pharmacy at D. Y. Patil college of Pharmacy, Akurdi, Pune from 18<sup>th</sup> Nov. – 2<sup>nd</sup> Dec 2013.
10. Attended AICTE Sponsored Innovation Promotion Scheme on “Modern methods and techniques in drug discovery and process research” organized by School of Pharmacy, SRTM University, Nanded from 21<sup>st</sup> to 22<sup>nd</sup> Aug. 2014.
11. Attended SPPU sponsored two day state level seminar on “QbD in Formulation Development” organized by AISSMS College of Pharmacy, Pune on 21<sup>st</sup> and 22<sup>nd</sup> Jan. 2015.
12. Attended Regional Research Conference for Pune University College Teachers” INNOVATION 2015” held at Sinhagad College of Pharmacy, Pune during 29<sup>th</sup> to 30<sup>th</sup> June 2015.
13. Attended SPPU sponsored one day state level seminar on “Role of medicinal chemist and phytochemist in drug discovery” organized by AISSMS College of Pharmacy, Pune on 12<sup>th</sup> Feb. 2016.