



# AISSMS

## COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



Approved by AICTE & PCI New Delhi, Recognized by the Government of Maharashtra,  
2F, 12B recognition by UGC, Affiliated to Savitribai Phule Pune University  
**Accredited by NAAC with A Grade**

**Name:** Dr. Mrinalini C. Damle

**Designation:** Professor

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

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### PROFESSIONAL EXPERIENCE:

1. Working as Professor from April 2012 at AISSMS College of Pharmacy, Pune-411001
2. Worked as Associate Professor from Dec. 2004 to March 2012 at AISSMS College of Pharmacy, Pune-411001
3. Worked as Lecturer from July 1999 to December 2004 at AISSMS College of Pharmacy, Pune-411001

### TOTAL EXPERIENCE IN YEARS:

- ❖ Teaching: 20 yrs.
- ❖ Research: 15 Yrs Academic research + 8 Yrs R&D dept in Pharmaceutical Industry
- ❖ Industry: 8 Yrs

### AREAS OF INTEREST:

Method Development and Validation for Pharmaceuticals

Stability Testing of Drugs and Pharmaceuticals

Herbal Drug Standardization

Bioanalytical method Development



### **Ph.D. STUDENTS GUIDED: Nil**

- ❖ Approved as Ph.D guide by Savitribai Phule Pune University.

### **M. PHARM STUDENTS GUIDED: 64**

- ❖ Approved as PG guide by Savitribai Phule Pune University and guided 64 M. Pharm students till June 2019

### **PROFESSIONAL AFFILIATIONS:**

- ❖ Registered Member: Maharashtra State Pharmacy Council
- ❖ Life Member: Association of Pharmacy Teachers of India
- ❖ Life Member: InPharm Association

### **PROJECTS HANDLED/GRANTS RECEIVED:**

- ❖ No. of Inhouse Projects: 13
- ❖ No. of Funded Research Projects (University/Industry): 04
- ❖ Amount of Research Grant Received: 4 Lakh

### **INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:**

- ❖ Working as Academic Incharge
- ❖ Working as In-Charge Library
- ❖ Working as IQAC co-ordinator
- ❖ Working as Staff member for Staff selection, Ph.D. admission, Inhouse projects, Teaching-Learning and Evaluation, Anti-ragging squad, Research Advisory Committee, CDC(College Development Committee)
- ❖ Worked as a coordinator for BCUD sponsored Workshop entitled “Insight on different funding agencies and Research proposal writing” (Jan 2017)
- ❖ Worked as a coordinator for University of Pune sponsored QIP Programme “HPTLC technique in pharmaceutical Research” (Feb. 2012)
- ❖ Work experience as a member of Report Finalization Committee for APTICON 2014, Pune held during 28<sup>th</sup> – 30<sup>th</sup> November 2014



### **AWARDS/ACHIEVEMENT/MEDALS:**

1. Cleared GATE examination with 99.23 percentile
2. Recipient of AICTE Scholarship during M. Pharm. Course.
3. Received Dr. P.D. Sethi Certificate of merit in 2009, 2012, 2014, 2015 and 2017 for research paper in pharmaceutical analysis awarded by Kongposh Publications, New Delhi.
4. Recipient of Dr. P.D. Annual award 2010 (1<sup>st</sup> Prize) for best research paper on application of TLC/HPTLC awarded by Kongposh Publications, N.Delhi.

### **PUBLICATIONS:**

- ❖ REVIEWS: 09
- ❖ NATIONAL RESEARCH PUBLICATIONS: 23
- ❖ INTERNATIONAL RESEARCH PUBLICATIONS: 123
- ❖ H index - 13
- ❖ i10 Index - 19
- ❖ No of Citations - 545

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

1. Mrinalini C. Damle ,Ashwini R.Madgulkar “Effect of antihypertensive therapy on renal function: focus on Amlodipine” Indian Journal of Hospital Pharmacy, 38(5), (2001), 184-191.
2. Rao M. R. P. ,Madgulkar A.R., Damle M.C. “Neutraceuticals : A Brief Overview”Indian Journal of Pharmaceutical Education, 36(3),(2002), 42-143.
3. Mrinalini Damle, Ashwini Madgulkar, K.G.Bothara `Mass Spectrometry in Genomics` Indian Journal of Pharmaceutical Sciences, 66(3),(2004), 265-271.
4. Ashwini Madgulkar and Mrinalini Damle `Parenteral Nutrition Supplement : Omega-3 fatty acids` Pharma Times, 37(4), (2005), 9-14.
5. Mrinalini Damle, Ashwini Madgulkar, M.R. Bhalekar “Compritol and Precirol: Innovative Pharmaceutical Excipients” Asian J. of Chemistry, 19(1), (2007), 454-458.
6. Damle, M., Gala, S., Joshi, A., Krithika, R. “phyllanthus niruri” published in on- line journal ‘Pharmainfo.net’ in Feb. 2008.



7. Anita Ingle, Pranjali Ranaware, Abhijeet Ladke and Mrinalini Damle “Cassia Tora: Phytochemical and Pharmacological activity” International Imperial Journal of Pharmacognosy and Natural Products, 2(1), (2012), 14-23. (ISSN : 2248-9754)
- 8 .Jyoti N. Vyavahare, Mrinalini C. Damle “Tribulus Terrestris : An Overview” International Journal of Pharmaceutical Research and Development, 6(8), (2014), 136-145.
9. Shivani Jadhav and M.C. Damle, ‘DNA fingerprinting of plants with Memory enhancement activity’ The Pharma Review, March-Apr (2018), 89-92.

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

1. M.V.Sovani (Mrs. M.C. Damle) and H.P.Tipnis “Bioavailability study of formulations containing ampicillin and cloxacillin in combination” Indian Drugs, 29(4), (1992), 161-165.
2. Damle Mrinalini, Madgulkar A, Juvala D., Awate B. and Zambre A. “Simultaneous Spectrophotometric estimation of Nimesulide and Chlorzoxazone in tablet dosage form” Indian Drugs, 38(11) (2001), 576-579.
3. Bharadwaj V., Gulecha B., Madgulkar A. and Damle M. ‘RP – HPLC method for simultaneous estimation of Perindopril and Indapamide in tablet formulation’ Indian Drugs, 44(7), (2007), 504-508.
4. Bhat L.R., Vora A.T., Godge R.K., Damle M.C. “Simultaneous estimation of Nebivolol Hydrochloride and Amlodipine Besylate in bulk and combined tablet dosage form by Ultraviolet Spectrophotometry” ‘Indian Drugs’, 44(12), (2007), 915-919.
5. Rahul K.Godge, Leena R.Bhat, Asfak T.Vora, Mrinalini C.Damle Spectrophotometric and Reverse phase High Performance Liquid Chromatographic method for simultaneous estimation of Ofloxacin and Satranidazole from tablets’ Analytical Chemistry : An Indian Journal, 7(1), (2008), 48-53.
6. Mrinalini C. Damle, Amol B. Khetre, Rahul S. Darekar, Shradhanjali M. Singh ‘Hydrolytic degradation monitoring of Voriconazole by derivative spectrophotometric method.’ Analytical Chemistry : An Indian Journal, 7(6), (2008), 404-408.
7. Damle M., Madgulkar A., Bhalekar M., Kolhe V, Gandhi S. ‘Preparation and characterization of Indion 244 – Venlafaxine HCl complexes’ Indian Drugs, 45(5),(2008), 416-420.
8. Mrinalini C. Damle, Shradhanjali M. Singh, Amol B. Khetre, Rahul S. Darekar. ‘Spectrophotometric methods for simultaneous estimation of ramipril and valsartan in combined tablet dosage form.’ Analytical Chemistry : An Indian Journal, 7(8), (2008), 591-594.



9. Bhat L.R., Bothara K.G. and Damle M.C. 'A validated HPTLC method for simultaneous determination of Nebivolol Hydrochloride and Hydrochlorothiazide from tablets' *Indian Drugs*, 45(12),(2008), 948-951.
10. Mrinalini C. Damle, Amol O. Bajaj, Asma Y. Saudagar, Nikhil T. Awatade, Ruchira K. Makwana, Padmanabh B. Deshpande '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(11), (2008), 789-794.
11. R.M. Jeswani, M.C. Damle, K.G. Bothara 'A validated stability indicating RP- HPLC method for determination of Aspirin and Atorvastatin Calcium' *InPharm Communique (Suppl.) Vol. 2, No. 2* (2009), 60-64.
12. Singh S.M., Khetre A.B., Darekar R.S. and Damle M.C. 'Simultaneous estimation of Nebivolol Hydrochloride and Valsartan in capsules by Reversed phase high performance liquid Chromatography' *Indian Drugs*, 46(3), (2009), 257-260.
13. 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' *The Pharma Review*, 7(39), (2009), 151-153.
14. A.B. Khetre, P.K. Sinha, Mrinalini Damle, R. Mehendre "Development and validation of Stability indicating RP- HPLC method for Voriconazole." *Indian Journal of Pharmaceutical Sciences* 71(5), (2009), 509-514.
15. Kirti S. Topagi, Mohit G. Dewani, Ashwini R. Madgulkar and Mrinalini C. Damle "Derivative Spectrophotometric Method for Determination of Diacerhein and Aceclofenac in Pharmaceutical Formulations" *Analytical Chemistry : an Indian Journal*, 9(1), (2010), 196-199.
16. Amol S Khodke, Laxman S Potale, Mrinalini C Damle, Kailash G Bothara "A validated stability indicating HPTLC method for simultaneous estimation of Irbesartan and Hydrochlorthiazide." *Pharma Methods (an addendum to Journal of Young Pharmacist)* 1(1), (2010), 39-43.
17. Patole SM, Khodke AS, Potale LV and Damle MC "A validated densitometric method for analysis of Atorvastatin Calcium and Metoprolol Tartrate as bulk drugs and in combined capsule dosage forms" *Journal of Young Pharmacists*, 3(1), (2011), 55-59.
18. T.C. Borole, M.G. Dewani, S.P. Gandhi and M.C. Damle "Simultaneous estimation of Metformin hydrochloride and Repaglinide by HPLC method" *Indian Drugs*, 49(01), (2012), 54-60.
19. P.S. Ranaware, A.M. Ingle, A.Ladke, A.R. Madgulkar and M.C. Damle "Determination of Nevirapine in human plasma by HPTLC" *The Pharma Review*, Sept.-Oct.-2012, 149-153.
20. S. Gupta, M. Nagarkar, M. Bhawnani, A. Kadam and M.C. Damle "Development and validation of HPTLC method for assay of Bimatoprost" *The Pharma Review Scientific Section*, Sept.-Oct. 2013, 16-19.



21. Varsha Bhoir, Viraj Hibare, Mrinalini C. Damle “Development and validation of analytical method for estimation of Glucosamine and Diacerein in tablet dosage form by Spectrophotometry” The Pharma Review, Jul-Aug. 2014, 113-117.

22. Mrinalini C. Damle and Jyoti N. Vyavahare “Development and validation of stability indicating HPLC method for determination of Rutin and Quercitin” The Pharma Review, Sept.-Oct. 2014, 113-116.

23. Rupesh Bagve, Dipali Chavan and Mrinalini C. Damle “Development and validation of Stability indicating HPTLC method for estimation of Mometasone Furoate in pharmaceuticals” The Pharma Review, May-June 2015, 109-112.

#### **\*INTERNATIONAL RESEARCH PUBLICATIONS\***

1. Bhat Leena R., Godge Rahul K., Vora Asfak T., Damle Mrinalini C. “A validated RP-HPLC method for simultaneous estimation of Aspirin and Clopidogrel Bisulphate in bulk and pharmaceutical dosage form” Journal of Pharmaceutical Research, 6(3), (2007), 158-160.
2. Bhat Leena R., Godge Rahul K., Vora Asfak T., Damle Mrinalini C. “A validated RP-HPLC method for simultaneous determination of Nebivolol Hydrochloride and Hydrochlorothiazide from tablets” Journal of Pharmaceutical Research, 6(4), (2007), 230-232.
3. Godge Rahul, Bhat Leena, Vora Asfak, Damle Mrinalini “A validated High Performance Thin Layer Chromatographic method for simultaneous estimation of Ofloxacin and Satranidazole in pharmaceutical Dosage form.” Journal of Pharmaceutical Research, 6(4), (2007), 233-235.
4. “A validated RP-HPLC method for simultaneous determination of Telmisartan and Hydrochlorthiazide in pharmaceutical formulation” ‘Journal of Liquid Chromatography and Related Technologies’ 30, (2007), 3059-3067.
5. Vora Asfak, Damle Mrinalini, Bhat Leena, Godge Rahul “Simultaneous determination of Diclofenac sodium and Rabeprazole sodium in bulk and pharmaceutical dosage form.” ‘Chromatographia’ 66(11/12), (2007), 941-943.
6. Bhurange Prashant, Arote Sanjay, Damle Mrinalini, Godge Rahul “A validated RP-HPLC method for simultaneous estimation of Ofloxacin and Satranidazole from tablets.” Journal of Pharmaceutical Research, 7(2), (2008), 70-72.
7. Rahul S. Darekar, Amol B. Khetre, Shradhanjali M. Singh and Mrinalini C. Damle “Physicochemical investigation of various extracts of the roots of Hemidesmus Inducus R. Br.”, Deerghayu International, 24(04), (2008), 93- 104.
8. Amol B. Khetre, Rahul S. Darekar, Purushottam K. Sinha, Rajesh M. Jeswani and Mrinalini C. Damle “A validated HPTLC method for determination of Voriconazole in bulk and pharmaceutical dosage form.” Rasayan Journal of Chemistry, 1(3), (2008), 542 – 547.
9. Rahul S. Darekar, Amol B. Khetre, Purushottam K. Sinha, Rajesh M. Jeswani and Mrinalini C. Damle “Quantitation of Lupeol Octacosanoate in Hemidesmus indicus R.Br. root powder by HPTLC.” Rasayan Journal of Chemistry, 1(3), (2008), 526-531.



10. Asfak Vora, Rahul Darekar, Ratnakar Mehendre and Mrinalini Damle "Validated Spectrodensitometric method for simultaneous determination of Lumefantrine and Artemether." *Journal of Pharmaceutical Research*, 7(4), (2008), 229-232.
11. Rajesh M. Jeswani, Purushotam K. Sinha, Kirti S. Topagi and Mrinalini C. Damle "A Validated stability indicating HPTLC method for determination of Cephalexin in bulk and pharmaceutical formulation" *International Journal of PharmTech Research*, 1(3), (2009), 527-536.
12. Rajesh M. Jeswani, Purushotam K. Sinha, Kirti S. Topagi and Mrinalini C. Damle "A validated Stability indicating HPTLC method for Pentoxifylline in bulk and pharmaceutical formulation." *Research Journal of Pharmacy and Technology*, 2(3), (2009), 527-530.
13. Purushotam K. Sinha Rajesh M. Jeswani, Kirti S. Topagi and Mrinalini C. Damle "A Validated RP-HPLC Method for determination of Meloxicam in the presence of it's Impurities." *International Journal of Pharmtech Research*, 1(4), (2009), 1051-1060.
14. Kirti S. Topagi, Rajesh M. Jeswani, Purushotam K. Sinha, and Mrinalini C. Damle "Spectrophotometric method for simultaneous estimation of Dicerhein & Aceclofenac " *International Journal of Chem Tech Research*, 1(4), (2009), 991-995.
15. Shradhanjali Singh, Kirti S. Topagi and Mrinalini C. Damle "A Validated High Performance Thin Layer Chromatographic Method for Simultaneous estimation of Nebivolol Hydrochloride and Valsartan in Pharmaceutical Dosage Form." *Research Journal of Pharmacy and Technology* 2(4), (2009), 746-748.
16. Shradhanjali Singh, Kirti S. Topagi and Mrinalini C. Damle "A Validated RP- HPLC Method for Simultaneous Determination of Ramipril and Valsartan in pharmaceutical formulation" *Research Journal of Pharmacy and Technology* 2(4), (2009), 749-752.
17. Damle Mrinalini C., Bothara Kailash G. and Topagi Kirti S. "Stability indicating HPTLC method for determination of Nebivolol Hydrochloride and Valsartan" *Journal of Pharmaceutical Research*, 8(4), (2009), 198-201.
18. Purushotam K. Sinha, Mrinalini C. Damle and K.G. Bothara "A validated Stability indicating HPTLC method for determination of Aspirin and Clopidogrel bisulphate in combined dosage form." *Eurasian Journal of Analytical Chemistry*, 4(2), (2009), 152-160.
19. Rahul S. Darekar, Amol B. Khetre, Purushottam K. Sinha and Mrinalini C. Damle "Quantitation of 2-hydroxy-4-methoxy benzaldehyde in Hemidesmus indicus R.Br. root poder by HPTLC." *Journal of Planar Chromatography : Modern TLC*, 22(6), (2009), 453-456.
20. Purushotam K. Sinha Rajesh M. Jeswani, Kirti S. Topagi and Mrinalini C. Damle "A validated stability indicating HPLC Method for determination of Potassium Clavulanate in the presence of it's products." *Research Journal of Pharmacy and Technology*, 3(1), (2010), 433-439.
21. Kirti S. Topagi, Rajesh M. Jeswani, Purushotam K. Sinha, and Mrinalini C. Damle "A Validated NP-HPLC method for simultaneous determination of Drotaverine Hydrochloride & Omeprazole in pharmaceutical formulation." *Asian Journal of Pharmaceutical & Clinical Research*, 3(1), (2010), 20-24.



22. Mangesh R. Bhalekar, Tushar K. Shete, Mrinalini C. Damle and Ashwini R. Madgulkar "Solid state photodegradation study of Fexofenadine hydrochloride" *Analytical Letters*, 43, (2010), 406-416.
23. M.C. Damle, S.A. Phadtare, H.A. Raskar, K.G. Gadge, Ratnakar Mehendre and K.G. Bothara "A validated HPTLC method for determination of Arbidol from pharmaceutical formulation" *Int. J. Chem. Tech. Research*, 2(2), (2010), 1042- 1046.
24. Laxman V. Potale, Mrinalini C. Damle, Amol S. Khodke and K.G. Bothara "A validated stability Indicating HPTLC method for simultaneous estimation of Ramipril and Telmisartan" *International Journal of Pharmaceutical Science Review and Research*, 2(2), (2010), 35-39.
25. Mrinalini C. Damle, Shangiresh Madhukar Patole, Laxman Venkatrao Potale, Amol Suresh Khodke "A validated HPLC method for analysis of Atorvastatin calcium, Ramipril and Aspirin as the bulk drug and in combined capsule dosage forms" *International Journal of Comprehensive Pharmacy*, 1(08), (2010), 1-5.
26. M.C. Damle, K. Topagi, K.G. Bothara, "Development and Validation of stability Indicating method for Determination of Nebivolol HCL and Hydrochlorothiazide in Bulk and in Pharmaceutical Dosage form." *Acta Chromatographica* 22 (2010), 433-443.
27. A.D. Paprikar, K.P. Patil, S.S. Ranade, V.Y. Rane, S.H. Rao and M.C. Damle "Stress degradation monitoring of Ofloxacin by HPTLC and Bioautography" *Research Journal of Pharmacy and Technology* 3(4), (2010), 1275-1278.
28. S.M. Patole, L.V. Potale, A.S. Khodke and M.C. Damle "A validated HPLC method for analysis of Atorvastatin Calcium, Ramipril and Aspirin as bulk drug and in combined capsule dosage form" *International Journal of Pharmaceutical Sciences Review and Research* 4(3), (2010), 40-45.
29. T.C. Borole, R. Mehendre, M.C. Damle and K.G. Bothara "Development and validation of stability indicating HPTLC method for determination of Prasugrel" *Journal of Chemical and Pharmaceutical Research* 2(4), (2010), 907-913.
30. M.G. Dewani, K.G. Bothara, M.C. Damle "Development and validation of stability indicating HPTLC method for determination of Perindopril Erbumine" *International Research Journal of Pharmacy* 1(1), (2010), 428-435.
31. A.S. Khodke, L.V. Potale, S.M. Patole and M.C. Damle "A validated RP-HPLC method development for determination of Anthraquinone marker from the roots of *Rubia Cordifolia* Linn." *Research Journal of Pharmacy and Technology*, 4(2), (2011), 326-328.
32. M.G. Dewani, K.G. Bothara, A.R. Madgulkar and M.C. Damle "Simultaneous estimation of Perindopril Erbumine and Indapamide in bulk and tablet dosage form by HPTLC" *International Journal of Comprehensive pharmacy*, 2(1), (2011), 1-4.
33. Sejal Gandhi, Mohit Dewani, Tejas Borole and Mrinalini Damle, "Development and validation of Stability indicating method for Trandolapril as bulk drug", *Asian J. Research Chem.* 4(3), (2011), 437-440.
34. Mohit G. Dewani, Tejas C. Borole, Sejal P. Gandhi, Ashwini R. Madgulkar and Mrinalini C. Damle, "Determination of Voriconazole in human plasma by HPLC with UV detection" *International Journal of Research in Pharmaceutical and Biomedical Sciences*, 2(3), (2011), 1367-1373.



35. Sejal P. Gandhi, Mohit G. Dewani, Tejas C. Borole, Mrinalini C. Damle, "Development and validation of stability indicating HPTLC method for determination of Ofloxacin and Ketorolac Tromethamine in combination" *Journal of Advanced Scientific Research*, 2(3), (2011), 77-82.
36. T.C. Borole, M.G. Dewani, S.P. Gandhi and M.C. Damle "Simultaneous estimation of Rosuvastatin Calcium and Fenofibrate in their combined tablet dosage form by HPLC method" *Asian J. Research Chem.*, 4(10), (2011), 1557-1561.
37. Laxman V. Potale, Amol S. Khodke, Shangiresh M. Patole and M.C. Damle "Development and validation of a stability indicating HPTLC method for the determination of Mirtazapine as bulk drug and in pharmaceutical formulation." *Journal of Planar Chromatography* 25(1), (2012), 72-76. (Soft copy received on 170112)
38. Mohit G. Dewani, Tejas C. Borole, Sejal P. Gandhi, Ashwini R. Madgulkar and Mrinalini C. Damle, "Development and validation of HPTLC method for determination of Voriconazole in human plasma" *Der Pharma Chemica* 3(4), (2011), 201-209.
39. S.P. Gandhi, M.G. Dewani, T.C. Borole and M.C. Damle "Development and validation of Stability indicating HPLC method for determination of Diacerhein and Aceclofenac as bulk drug and in tablet dosage form" *International Journal of Research in Pharmacy and Chemistry* 1(4), (2011), 799-806.
40. S.P. Gandhi, M.G. Dewani, T.C. Borole and M.C. Damle "Development and validation of Stability indicating HPTLC method for determination of Diacerhein and Aceclofenac as bulk drug and in tablet dosage form" *E-journal of Chemistry* 9(4), (2012), 2023-2028. (ISSN : 0973-4945)
41. Mahesh Dangi, Darshana Chaudhari, Mayur Sinkar, Veena Racha and Mrinalini C. Damle "Stability indicating HPTLC method for estimation of Nebivolol Hydrochloride and Amlodipin Besylate in combination" *Eurasian Journal of Analytical Chemistry* 5(2), (2010), 161-169.
42. Pranjali Ranaware, Anita Ingle, Abhijeet Ladke, Mrinalini C. Damle "Development and Validation of HPTLC Method for Determination of Ofloxacin in Human Plasma" *Research Journal of Pharmacy and Technology*, 5(5), (2012), 682-686. (ISSN:0974-360X)
43. A.V. Ladke, Anita M. Ingle, Pranjali S. Ranaware, Mrinalini C. Damle "Development and validation of stability indicating HPTLC method for Lercanidipine HCl" *International Journal of Pharmaceutical Invention*, 2(5), (2012), 43-52. (ISSN: 2319- 6718)
44. A.V. Ladke, Anita M. Ingle, Pranjali S. Ranaware, Mrinalini C. Damle "Development and validation of stability indicating HPLC method for rosuvastatin calcium and fenofibrate in combination" *Asian Journal of Research Chem.*, 5(5), (2012), 606-610. (ISSN : 0974-4169)
45. Pranjali Ranaware, Anita Ingle, Abhijeet Ladke, Ashwini R. Madgulkar and Mrinalini C. Damle "Determination of Nevirapine in Human Plasma by HPLC" *Journal of Chemical and pharmaceutical research*, 4(6), (2012), 3003-3009. (ISSN : 0975- 7384)
46. Madhura Dhoka, Rupali Harale, Sonal Bhankele, Mrinalini C. Damle, Omkar Vidwans and Sanjay Kshirsagar "Development validation and comparative statistical evaluation of HPLC and HPTLC method for determination of Alfuzocin in human plasma" *Journal of Chemical and pharmaceutical research*, 4(6), (2012), 3207-3214. (ISSN 0975-7384)
47. Anita M. Ingle, Abhijeet V. Ladke, Pranjali S. Ranaware, Shivani H. Rao, Mrinalini C. Damle "Evaluation of the antibacterial activity of methanolic and aqueous extract for the seeds of Cassia



tora” Research Journal of Pharmacognosy and Phytochemistry, 4(5), (2012), 240-243. (ISSN: 0975-4385)

48. Kiran Deshpande, Pranjali Ranaware, A.R. Madgulkar and M.C. Damle “Development and validation of Stability indicating HPTLC method for determination of Repaglinide” Research Journal of Pharmacy and Technology, 6(2), (2013), 158-161.
49. Madhura Dhoka, Rupali Harale, Sonal Bhankale, Mrinalini C. Damle “Validated HPTLC method for determination of Cefixime Trihydrate and Dicloxacillin Sodium in bulk and combined pharmaceutical dosage form” Research Journal of Pharmacy and Technology, 5(6), (2012), 842-845. (ISSN: 0974-360X)
50. Nandan V. Shinde, Prashant U. Tompe, Mrinalini C. Damle and Ashwini R. Madgulkar “Development and validation of HPTLC method for estimation of Efavirenz in human plasma” Journal of Chemical and Pharmaceutical Research, 5(8), (2013), 85-90. (ISSN: 0975-7384)
51. Surbhi Gupta, M.C. Damle “Development and Validation of HPTLC method for Assay of bioactive Marker isolated from the bark of Albizzia lebbeck linn.” International journal of Chemtech Research, 5(6), (2013), 3000-3006.
52. Nandan Shinde, Prashant Tompe, Mrinalini Damle and Ashwini Madgulkar “Development and Validation of HPTLC method for estimation of Cephalexin in human plasma” International Journal of Research in Pharmaceutical and Biomedical Sciences, 4(4), (2013), 1126-1132.
53. Prashant Tompe, Nandan Shinde, Mrinalini Damle and Ashwini Madgulkar “Development and validation of bioanalytical method for the determination of Ambroxol hydrochloride and Cefadroxil in human plasma” International Journal of Research in Pharmaceutical and Biomedical Sciences, 4(4), (2013), 1239-1248.
54. Polawar AR, Damle MC ‘Development and validation of RP-HPLC method for estimation of Lurasidone HCl in bulk and pharmaceutical dosage form’ International Journal of Research in Pharmacy and Chemistry, 4(2), (2014), 327-332.
55. Kshitija Kardile, Mrinalini C. Damle ‘Stability indicating HPTLC method for quantitative estimation of Dronedarone Hydrochloride in bulk and pharmaceutical dosage form’ World Journal of Pharmacy and Pharmaceutical Sciences, 3(6), (2014), 2163-2175. (I.F. 0.876)
56. Prashant U. Tompe, Madhura V. Dhoka, Mrinalini C. Damle and Ashwini R. Madgulkar ‘Validated HPTLC method for determination of Dicloxacillin in simulated Urine’ Journal of Chemical and Pharmaceutical Research, 5(9), (2013), 77-83. (Global IF 1.7)
57. Mrinalini C. Damle, Anuradha R. Polawar ‘Stability indicating HPTLC method for estimation of Pitavastatin Calcium in presence of acid induced degradation product’ International Journal of Chemtech research, 6(5), (2014), 2814-2833.
58. A.R. Polawar and M.C. Damle ‘Development and validation of HPTLC method for quantitation of Lurasidone HCl’ Pharma Science Monitor, 5(3), (2014), 131-144. (IF 0.3317)
59. Varsha Bhoir, Viraj Hibare, Mrinalini C. Damle ‘Development and validation of stability indicating HPTLC method for the estimation of Perindopril and Indapamide’ International Journal of Pharmacy and Pharmaceutical Sciences, 6(7), (2014), 621-625. (IF 0.55)



60. Mrinalini C. Damle, Rupesh A. Bagwe 'Development and validation of stability indicating RP-HPLC method for the estimation of Dabigatran etexilate' *Journal of Advance Scientific Research*, 5(3), (2014), 39-44.
61. Mrinalini C. Damle, Anuradha R. Polawar 'Stability indicating HPTLC method for estimation of Clobetasol Propionate in presence of alkali induced degradation product' *International Journal of Pharmtech research*, 6(6), (2014), 1914-1925.
62. Kshitija Kardile, Mrinalini C. Damle 'Stability indicating UV spectrophotometric method for determination of Dronedaron Hydrochloride' *International Journal of Pharmaceutical Sciences and Drug Research*, 7(1), (2015), 116-119. (IF 1.359)
63. M.C. Damle, R.A. Bagwe 'Development and validation of stability indicating HPTLC method for Ivabradine HCl' *Pharma Science Monitor*, 6(1), (2015), 141-152. (IF 0.3397)
64. Mrinalini Damle, Anshu Agrawal 'Development and validation of stability indicating HPTLC method for estimation of Vilazodone Hydrochloride' *International Journal for Pharmaceutical Research Scholars*, 4(1), (2015), 262-268. (I.F. 1.3)
65. Mrinalini Damle, Nilam Dalavi 'Development and validation of HPTLC method for determination of Ellagic acid and Gallic acid in Jambul seed (*Syzygium cumini*)' *Journal of Scientific research in Pharmacy*, 4(1), (2015), 33-36. (IF 1.0441)
66. D.D. Chavan, M.C. Damle\* 'Development and validation of stability indicating HPTLC method for estimation of Mifepristone' *International Journal of Pharma Research and Review*, 4(4), (2015), 13-19. (SJIF 3.6)
67. S.V. Kulkarni, M.C. Damle 'Development and validation of stability indicating HPTLC method for estimation of Embelin in *Embelia tsejriam cottam*' *International Journal of Pharmaceutical Sciences and Drug Research*, 7(3), (2015), 284-289. (I.F. 1.359)
68. Suvarna S. Vanjari, Mrinalini C. Damle 'A validated high performance liquid chromatographic method for the estimation of Furosemide in spiked human plasma' *American Journal of Pharmtech Research*, 5(3), (2015), 608-617. (I.F. 0.9832)
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70. Birajdar L.B., Damle M.C. 'Base degradation monitoring of Dolasetron Mesylate by UV spectrophotometric method' *International Journal of Pharmaceutical Research Scholars*, 4(2), (2015), 462-468.
71. Lahu B. Birajdar, Mrinalini C. Damle 'Development and validation of stability indicating HPTLC method for determination of Dolasetron Mesylate' *International Journal of Pharmacy and Pharmaceutical Sciences*, 7(7), (2015), 165-170.
72. Mrinalini Damle, Anshu Agrawal 'Development and validation of stability indicating HPTLC method for estimation of Palonosetron Hydrochloride' *American Journal for Pharmtech Research*, 5(4), (2015), 274-286. (I.F. 0.9832)
73. Mrinalini Damle, Nilam Dalvi 'Development and validation of stability indicating HPLC method for determination of Ellagic acid and Gallic acid in Jambul seeds' *International Journal of Applied Sciences and Biotechnology*, 3(3), (2015), 434-438. (I.F. 1.422)



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75. Mrinalini C. Damle, Lahu B. Birajdar 'Development and validation of stability indicating HPLC method for estimation of Risedronate sodium' World Journal of Pharmacy and Pharmaceutical Sciences, 4(10), (2015), 644-653. (S.J.I.F. 5.21)
76. Mrinalini C. Damle and Sweta Kulkarni 'Comparative HPTLC and Antibacterial activity determination of Embelin and Vidanga Extract at accelerated storage condition' International Journal of Pharmaceutical Research, 7(4), (2015), 34-38. (5 year I.F. 1.3)
77. Mahesh G. Thakare and Mrinalini C. Damle 'Development and validation of HPTLC method for determination of Fluindione' Journal of Chemical and Pharmaceutical Research, 8(3), (2016), 800-806. (I.F. 1.7)
78. Mrinalini C. Damle, Namrata Gujar, 'Development and validation of stability indicating HPTLC method for determination of Andrographolide' Indo American Journal of Pharmaceutical Research, 6(6), (2016), 5816-5823. (I.F. 2.37)
79. M. C. Damle, P.C. Rokade, 'Development and validation of stability indicating HPTLC method for determination of Solifenacin Succinate as bulk drug and in tablet dosage form' International Journal of Pharmaceutical Sciences and Drug Research, 8(4), (2016), 218-222. (I.F. 1.3)
80. Mrinalini Damle, Pallavi Bandal, "Stability indicating HPLC method for determination of Strychnine and Brucine" Pharmanest, 7(3), (2016), 3128-3133. (Global I.F. 0.864)
81. Mrinalini C. Damle and Sunny R. Salunke, "Development and validation of stability indicating HPTLC method for determination of Boceprevir" World Journal of Pharmaceutical Research, 5(8), (2016), 961-973. (I.F. 0.9861)
82. Mrinalini Damle and Ajinkya Deosthali, "UV-spectrophotometri Absorbance Correction method and Absorbance Ratio method for the simultaneous estimation of Ritonavir and Darunavir Ethanolate", World Journl of Pharmacy and Pharmaceutical Sciences, 5(8), (2016), 1179-1187.(Journal I.F. 6.041)
83. Mrinalini C. Damle, Namrata Gujar, "Stability indicating RP-HPLC method for determination of Andrographolide" International Journal for Pharmaceutical Research Scholars, 5(3), (2016), 47-53. (I.F. 1.02)
84. Mrinalini C. Damle, Shivani Rao, Namrata Gujar, 'HPTLC estimation and antibacterial effect of Methanolic Extract of Andrographis Paniculata stem under accelerated storage condition' American Journal of Pharmacy and Health Research, 4(8), (2016), 16-23. (I.F. 0.678)
85. Mrinalini Damle, Pallavi Bandal, "Development and validation of Stability indicating HPTLC method for determination of Strychnine and Brucine" Journal of Scientific Research in Pharmacy, 5(6), (2016), 78-81. (I.F. 1.04)
86. Mrinalini Chintamani Damle, Supriya Shankarrao Darandale, "Stability indicating HPTLC method for determination of Eletriptan HBr" American Journal of Pharmtech Research, 6(4), (2016), 1-10. (I.F. 0.9)



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88. Sunny R. Salunke and Mrinalini C. Damle, "Stability indicating HPTLC method for determination of Midodrine Hydrochloride" European Journal of Pharmaceutical and Medical Research, 3(9), (2016), 202-207. (SJIF. 3.628)
89. Mrinalini Damle and Ajinkya Deosthali, "Development and validation of HPLC method for determination of Modafinil in human plasma", International Journal of Pharmacy and Technology, 8(2), (2016), 11932-11942.(I.F. 1.2106)
90. Mrinalini Damle and Ajinkya Deosthali, "Development and validation of stability indicating HPTLC method for determination of Acebrophylline", World Journal of Pharmaceutical and Medical Research, 2(5), (2016), 122-127.(SJIF 3.535)
91. M.C. Damle, P. Bandal, S. Kale, S. Rao, "HPTLC estimation and antibacterial effect of methanolic extract of S. Nux Vomica seeds under accelerated storage condition" Pharma Science Monitor, 8(2), Apr-June 2017, 69-76. (I.F. 3.958)
92. Mrinalini C. Damle, Sanchita A. Kale, "Development and validation of stability indicating HPTLC method for simultaneous estimation of Oxyclozanide and Levamisole HCl" World Journal of Pharmaceutical and Medical Research, 3(4), (2017), 68-74.(SJIF 4.103)
93. Mrinalini C. Damle, Amita N. Pardeshi, "Development and validation of stability indicating HPTLC method for Rilpivirine and Dolutegravir Sodium in combination" Indo American Journal of Pharmaceutical Research, 7(5), (2017), 8830-8838.(IF 4.587)
94. Mrinalini C. Damle, Amita N. Pardeshi, "Stability indicating HPLC method for Rilpivirine and Dolutegravir Sodium" Indo European Journal of Biomedical and Pharmaceutical Sciences, 4(7), (2017), 454-459.(SJIF 4.382)
95. Mrinalini C. Damle, Magesh R. Bhalekar and Sneha Lonkar "Formulation and Evaluation of Herbal Gel for the treatment of Psoriasis" World Journal of Pharmacy and Pharmaceutical Sciences, 6(7), (2017), 1199-1210. (SJIF 6.647)
96. Mrinalini C. Damle, Sneha Lonkar "Stability indicating HPLC method for Forskolin and Glycerrhetinic acid" International Journal of Ayurvedic and Herbal medicine, 7(3), (2017), 2605-2614. (IF 4.415)
97. Mrinalini C. Damle, Sanchita A. Kale, "Development and validation of stability indicating HPLC method for simultaneous estimation of Oxyclozanide and Levamisole HCl" World Journal of Pharmacy and Pharmaceutical Sciences, 6(7), (2017), 1073-1082. (SJIF 6.647)
98. Mrinalini C. Damle, Snehal Dumbre "Stability indicating HPTLC method for determination of Eplerenone" World Journal of Pharmaceutical and Medical Research, 3(6), (2017), 167-172. (SJIF 4.103)
99. Mrinalini C. Damle, Sanchita A. Kale, "Determination of Etravirine in human plasma by HPLC" Indo American Journal of Pharmaceutical Sciences, 4(6), (2017), 1657-1664. (SJIF 3.6)



100. Mrinalini C. Damle, Snehal Dumbre “HPTLC method for determination of Torsemide in human plasma” *European Journal of Biomedical and Pharmaceutical Sciences*, 4(8), (2017), 363-368. (SJIF 4.382)
101. Mrinalini C. Damle, Uday V. Harne, Lahu Birajdar “Development and validation of stability indicating HPLC method for determination of Tolterodine Tartrate” *World Journal of Pharmaceutical Research*, 6(11), (2017), 430-441. (SJIF 7.523)
102. Mrinalini C. Damle and Sunny R. Salunke, “Development and validation of stability indicating HPLC method for determination of Boceprevir” *International Research Journal of Pharmacy*, 7(8), (2016), 47-53. (I.F. 0.751)
103. Mrinalini Damle and Suresh Choudhari, “Validated stability indicating method for karnajin using HPTLC and HPLC” *Journal of Pharmacognosy and Phytochemistry*, 7(2), (2018), 2808-2815. (Global I.F. 0.255, UGC approved)
104. Mrinalini Damle, Suresh Choudhari and Sanchita Kale “Development and validation of Stability indicating HPLC method for estimation of Sorafenib Tosylate” *European Journal of Pharmaceutical and Medical Research*, 5(6), (2018), 522-527. (SJIF 4.897)
105. Mrinalini C. Damle and Shital P. Ghode, “Stability indicating chromatographic method for estimation of Bepotastine Besilate” *Indo American Journal of Pharmaceutical Sciences*, 5(6), (2018), 5222-5228. (I.F. 3.6, Global IF 0.437, UGC approved)
106. Mrinalini C. Damle, Aparna Zirange “Derivative spectrophotometric method for estimation of Brimonidine Tartrate and Timolol Maleate in combination” *World Journal of Pharmaceutical Research*, 7(12), (2018), 725-731. (SJIF 8.074, UGC approved )
107. Mrinalini C. Damle and Shital P. Ghode, “Determination of Igaratimod in human plasma by HPLC method” *World Journal of Pharmaceutical Research*, 7(14), (2018), 404-413. (SJIF 8.074)
108. Mrinalini C. Damle, Aparna Zirange “Stability indicating RP-HPLC method for estimation of Tenofovir Disoproxil Fumarate” *International Journal of Pharmacy and Biological Sciences*, 8(3), (2018), 122-127. (SJIF 3.12, UGC approved 46322 )
109. Mrinalini C. Damle, Aparna Zirange “Stability indicating HPTLC method for simultaneous estimation of Brimonidine Tartrate and Timolol Maleate” *International Journal of Research Culture Society*, 2(7), (2018), 1-6. (IF 3.449 as on journal website )
110. Mrinalini C. Damle, Antra Sen “Development and validation of Stability indicating HPLC method for the estimation of Canagliflozin” *Journal of Emerging Technologies and Innovative Research*, 5(6), (2018), 213-220. (SJIF 5.87, UGC approved 63975)
111. Mrinalini C. Damle, Swapnil S. Waghmare and Purushotam Sinha “Development and validation of Stability indicating HPTLC method for the determination of Paliperidone Palmitate as bulk drug” *Journal of Emerging Technologies and Innovative Research*, 5(8), (2018), 309-316. (SJIF 5.87, UGC approved 63975)



112. Mrinalini C. Damle, Antra Sen “Development and validation of Stability indicating High Performance Thin Layer Chromatographic (HPTLC) method for the estimation of Acotiamide Hydrochloride Hydrate” European Journal of Biomedical and Pharmaceutical Sciences, 5(9), (2018), 355-361. (SJIF 4.918)

113. Mrinalini Damle, Uday Harne “Development and validation of stability indicating HPLC method for determination of Acotiamide Hydrochloride” International Journal of Pharmaceutical Sciences and Research, 9(10), (2018), 4410-4415. (SJIR 0.137, UGC approved 23330)

114. Mrinalini Damle, Sneha Lonkar “Stability indicating HPTLC method for Forskolin and Glycerrhetinic acid” International Journal of Ayurveda and Pharmaceutical Chemistry, 7(3), (2017), 123-132. (Global Impact Factor 0.876, UGC approved Journal No. 43112)

115. Mrinalini C. Damle, Aparna Zirange Shivani Jadhav “Validated Stability indicating methods for Thymoquinone using HPLC and HPTLC” International Journal of Pharmacy and Biological Sciences, 8(4), (2018), 1-6. (IF 0.888, SJIF 3.12)

116. M.C. Damle, P. Uttekar, V. Rathore, P. Gavali, S. Bhobe “Absorption correction Method for simultaneous estimation of Domperidone and Ilaprazole by UV spectrometry” Journal of Pharmaceutical Science and Bioscientific Research, 8(3), (2018), 144-147. (I.F. 2.633 on journal website)

117. Mrinalini C. Damle, Shivani K. Jadhav “An in-vitro study of antioxidant capacity and radical scavenging effect of Spinacea Olaracea leaf extract” Asian Journal of Pharmaceutical and Clinical Research, 11(11), (2018), 324-328. (SJIR 2017-0.22) UGC approved Journal <https://innovareacademics.in/journals/index.php/ajpcr> No. 8804 in UGC list

118. Mrinalini C. Damle and Anand M. Singhal “Development and validation of stability indicating HPTLC method for determination of Etravirine HCl” Journal of Emmerging Technologies and Innovative Research, 6(2), (2019), 590-604. (SJIF 5.87, UGC approved 63975)

119. Mrinalini Damle, Suresh Choudhari “Development and validation of stability indicating HPLC method for estimation of Salmeterol Xinafoate” International Journal of Pharmaceutical Sciences and Research, 10(4), (2019), 1865-1869. (SJIR 0.137, UGC approved 23330)

120. Mrinalini C. Damle and Swapnil R. Todkar “Stability indicating RP-HPLC method for Protocatechuic Acid, an active phytoconstituent of Onion Peels” Journal of Emmerging Technologies and Innovative Research, 6(4), (2019), 91-98. (SJIF 5.87, UGC approved 63975)

121. Mrinalini C. Damle, Swapnil S. Waghmare, Purushotam Sinha ‘Development and validation of stability indicating HPTLC method for determination of Apixaban as bulk drug’ International Journal of Pharmacy and Pharmaceutical Sciences, 11(5), (2019), 37-42.

(SJIR 2017 0.22, Impact Cites per Doc 0.51)

122. Mrinalini C. Damle and Mayuri Godse “Stability indicating of Gallic Acid from chewable tablets of Pomegranate Peel extract by using HPTLC method” Journal of Emmerging Technologies and Innovative Research, 6(5), (2019), 53-61. (SJIF 5.87, UGC approved 63975)

123. Damle M, Choudhari S “Development and validation of stability indicating HPTLC method for estimation of Salmeterol Xinafoate” International Journal of Pharmaceutical Quality Assurance, 10(1), (2019), 1-10. (Impact factor given on Journal home page 1.041, UGC approved 23325)



## **PRESENTATIONS:**

As an Author: 9

As Co-author: 36

### **❖ As an Author:**

1. Presented a paper on “simultaneous estimation of Ampicillin and Cloxacillin in combined dosage forms” at Indian Pharmaceutical Congress, Manipal in 1990.
2. Presented a research titled “Evaluation of Bioactive marker from seeds of Cassia Tora” at National Conference on Advances in Bioanalytical Techniques, Poona College of Pharmacy, 21<sup>st</sup> and 22<sup>nd</sup> Sept. 2013. This presentation was awarded second prize.
3. Poster titled “stability indicating hptlc method for determination of nebivolol hydrochloride and hydrochlorothiazide in the bulk and in pharmaceutical dosage forms” presented at 20<sup>th</sup> International symposium on Pharmaceutical and Biomedical Analysis between 1<sup>st</sup> to 4<sup>th</sup> March 2009 at Agra, India.
4. Poster titled “stability indicating hptlc method for determination of nebivolol hydrochloride and valsartan in the bulk and in pharmaceutical dosage forms” presented at 20<sup>th</sup> International symposium on Pharmaceutical and Biomedical Analysis between 1<sup>st</sup> to 4<sup>th</sup> March 2009 at Agra, India.
5. Poster titled “stress degradation monitoring of cefpodoxime proxetil by hptlc bioautography” presented at 20<sup>th</sup> International symposium on Pharmaceutical and Biomedical Analysis between 1<sup>st</sup> to 4<sup>th</sup> March 2009 at Agra, India.
6. Poster titled “Development and validation of HPLC method for determination of Repaglinide in human plasma” presented at National Conference on Pharmaceutical Analysis between 16<sup>th</sup> -17<sup>th</sup> September 2011 at UDCT, Aurangabad.
7. Poster titled “Development and validation of stability indicating HPLC method for determination of Rosuvastatin calcium and Fenofibrate” presented at Zonal level poster presentation competition Avishkar 2011 on 15<sup>th</sup> December 2011 at H.V. Dasi college, Pune by BCUD, University of Pune.
8. Poster titled “Evaluation of Bioactive marker isolated from seeds of Cassia Tora” presented at 2<sup>nd</sup> International Conference on Herbal and Synthetic Drug Studies HSDS-2014 on 10<sup>th</sup> to 12<sup>th</sup> February 2014 at MCE Society’s Interdisciplinary Science and Technology Research Academy (ISTRA), Pune.
9. Poster titled “Comparative HPTLC estimation and antibacterial effect of Ellagic acid, Gallic acid and Ethanolic extract of Syzygium cumini seeds under Accelerated storage condition ” presented at 3<sup>rd</sup> International Conference on Herbal and Synthetic Drug Studies HSDS-2016 on 7<sup>th</sup> to 9<sup>th</sup> January 2016 at MCE Society’s Interdisciplinary Science and Technology Research Academy (ISTRA), Pune.

### **❖ As a co-author:**

1. Three papers titled “Continuing Education Programme, Classroom Management and Communication skills” presented as posters at 6<sup>th</sup> National Annual APTI Convention 2001 at Nashik.
2. “A validated stability indicating method for determination of aspirin and clopidogrel in combined dosage form” presented as poster at 60<sup>th</sup> Indian Pharmaceutical Congress 2008 held at Delhi.



3. "A validated stability indicating RP-HPLC method for determination of aspirin and Atorvastatin Calcium" presented as poster at 60<sup>th</sup> Indian Pharmaceutical Congress 2008 held at Delhi.
4. 6. "A simple validated RP-HPLC method for determination of Domperidone in presence of its photodegraded products" presented as poster at 61<sup>st</sup> Indian Pharmaceutical Congress 2009 held at Ahmedabad.
5. "A validated stability indicating HPTLC method for simultaneous estimation of Irbesartan and Hydrochlorothiazide" presented as poster at 61<sup>st</sup> Indian Pharmaceutical Congress 2009 held at Ahmedabad.
6. "A validated stability indicating HPTLC method for simultaneous estimation of Telmisartan and Ramipril" presented as poster at 61<sup>st</sup> Indian Pharmaceutical Congress 2009 held at Ahmedabad.
7. "Spectrophotometric methods for simultaneous determination of Nebivolol Hydrochloride and Valsartan in combined tablet dosage form" presented as poster at Anant pharma poster presentation competition at College of Pharmacy, Bhor on 9<sup>th</sup> and 10<sup>th</sup> Jan. 2010.
8. "A validated HPTLC method for determination of Prasugrel" Presented as poster at 62<sup>nd</sup> IPC Dec. 2010, Manipal by T.C. Borole.
9. "A simple validated RP-HPLC method for determination of domperidone in the presence of its Photo degraded products." Presented as poster at 63<sup>rd</sup> IPC Bangalore by Prashant Tompe and Nandan Shinde. ( Dec. 2011)
10. "Development and validation of stability indicating assay method for determination of granistron in bulk and pharmaceutical formulations." Presented as poster at 63<sup>rd</sup> IPC Bangalore by Surbhi Gupta and Padma Choudhary.(Dec. 2011)
11. "Determination of Ritonavir in human plasma by HPLC." Presented as poster at 64<sup>th</sup> IPC Chennai by Surbhi Gupta.(Dec. 2012)
12. "Development and validation of HPTLC method for Ondansetron." Presented as poster at 64<sup>th</sup> IPC Chennai by Viraj Hibare.(Dec. 2012)
13. "Determination of Darunavir in human plasma by HPLC" Presented as poster at 66<sup>th</sup> IPC Hyderabad by Anshu Agrawal. (Jan. 2015)
14. " Development of HPTLC method for estimation of Embelin in Vidanga and determination of its antibacterial activity" Presented as poster at APTICON 2014 28<sup>th</sup> to 30<sup>th</sup> Nov. 2014, Pune by Sweta Kulkarni.
15. " Development and validation of stability indicating HPTLC method for determination of Mifepristone" Presented as poster at APTICON 2014 28<sup>th</sup> to 30<sup>th</sup> Nov. 2014, Pune by Dipali Chavan.
16. " Estimation and antibacterial activity of Galic acid and Ellagic acid in Syzygium cumini seed by HPTLC" Presented as poster at APTICON 2014 28<sup>th</sup> to 30<sup>th</sup> Nov. 2014, Pune by Nialm Dalavi
17. "Development and validation of stability indicating HPTLC method for determination of Dolasetron mesylate." Presented as poster at APTICON 2014 28<sup>th</sup> to 30<sup>th</sup> Nov. 2014, Pune by Lahu Birajdar. (WON 2<sup>nd</sup> PRIZE)



18. "Development and validation of HPTLC method for estimation of Strychnine and Brucine"  
Presented as poster at ICAAM International Conference on Advances in Asian Medicine on 4<sup>th</sup>  
Jan. 2016 by Pallavi Bandal.
19. "Development and validation of stability indicating HPTLC method for estimation of  
Fluindione" Presented as poster at 67<sup>th</sup> IPC Mysore by Mahesh Thakare. (19<sup>th</sup> to 21<sup>st</sup> Dec. 2015)
20. "Development and validation of stability indicating HPTLC method for determination of  
Boceprevir" Presented as poster at 67<sup>th</sup> IPC Mysore by Sunny Salunke (19<sup>th</sup> to 21<sup>st</sup> Dec. 2015)
21. "Development and validation of stability indicating HPTLC method for estimation of  
Andrographolide" Presented as poster at 67<sup>th</sup> IPC Mysore by Namrata Gujar (19<sup>th</sup> to 21<sup>st</sup> Dec.  
2015)
22. "Development and validation of stability indicating HPTLC method for estimation of Dabigatran  
Etxilate" Presented as poster at 67<sup>th</sup> IPC Mysore by Ajinkya Deosthali (19<sup>th</sup> to 21<sup>st</sup> Dec. 2015)
23. "Evaluation of Anti-asthmatic activity of extract and marker compound isolated from Albizzia  
Lebeck Bark" Presented as poster at 67<sup>th</sup> IPC Mysore by Supriya Darandale (19<sup>th</sup> to 21<sup>st</sup> Dec.  
2015)
24. Poster presentation at Pharma Quora conference on 4<sup>th</sup> and 5<sup>th</sup> March 2016 at Manipal (Uday)  
Secured 2<sup>nd</sup> Prize
25. 28. A poster titled "Development and validation of simple HPTLC method for determination of  
Oxyclozanide and Levamisole HCl" presented by Ms. Sanchita Kale at Poster presentation  
competition and state level seminar entitled "Pharmaceutical Technology-Concept to reality" on 6<sup>th</sup>  
Jan 2017 at Sinhgad Institute of Pharmacy, Narhe.
26. A poster titled "Stability indicating method for Thymoquinone" presented by Ms. Aparna Zirange  
at Poster presentation competition and national level seminar entitled "Recent advances in  
spectroscopic and Analytical Techniques" on 10<sup>th</sup> and 11<sup>th</sup> Feb 2018 at Modern College of  
Pharmacy, Moshi.
27. A poster titled "Validated stability indicating HPTLC method for Karanjin" presented at two days  
National Symposium "Current Trends in Herbal Drug Discovery and Ethnopharmacology" on 23<sup>rd</sup>  
and 24<sup>th</sup> Feb 2018 at VES College of Pharmacy, Chembur.
28. A poster titled "Development & Validation of Stability-Indicating HPTLC Method for Etravirine  
HCL" presented at APTICON-2018, 23<sup>rd</sup> annual National convention of APTI at Swami  
Keshvanand Institute of Pharmacy, Jaipur on 5<sup>th</sup> Oct. 2018. (Anand Singhal)
29. A poster titled "Development and validation of HPTLC method for Etravirine HCl" presented at  
SYNAPSE 2018 on 16<sup>th</sup> Oct. 2018 at AISSMS of Pharmacy (Pranav Uttakar)
30. A poster titled "Absorption Correction Method for simultaneous estimation of Domperidone and  
Ilaprazole" presented at SYNAPSE 2018 on 16<sup>th</sup> Oct. 2018 at AISSMS of Pharmacy (Pranav, Ms.  
Priyanka Gavali, Vinay Rathod)
31. A poster titled "Nootropic activity of Spinach leaves" presented at IPC-2018, 70<sup>th</sup> annual  
National convention of Indian Pharmaceutical Congress at Delhi-NCR on 21<sup>st</sup> to 23<sup>rd</sup> December  
2018. (Anand Singhal)



32. A poster titled "Validated stability indicating HPLC method for Igaratomod" presented at International Conference on 'Multidisciplinary Healthcare Research' on 4<sup>th</sup> and 5<sup>th</sup> Jan 2019 at Modern College of Pharmacy, Pune. (Mayuri Godse)
33. A poster titled "Development of analytical method to monitor dissolution of Bepotastine Besilate tablets" presented at International Conference on 'Multidisciplinary Healthcare Research' on 4<sup>th</sup> and 5<sup>th</sup> Jan 2019 at Modern College of Pharmacy, Pune. (Komal Pardeshi)
34. A poster titled "Determination of Protocatechuic acid in Onion Peel extract by HPTLC" presented at State level seminar on 'Challenges in Targeted Drug Delivery Systems' on 11<sup>th</sup> and 12<sup>th</sup> Jan 2019 at Alard College of Pharmacy, Pune. (Swapnil Todkar)
35. A poster titled "Validated HPTLC method for estimation of Hesperidin" presented at State level seminar on 'Challenges in Targeted Drug Delivery Systems' on 11<sup>th</sup> and 12<sup>th</sup> Jan 2019 at Alard College of Pharmacy, Pune. (Rasika Bhalerao)
36. A poster titled "Development and validation of HPTLC method for Etravirine HCl" presented at 4<sup>th</sup> Metxplore 2019 (UG research conference) on 9<sup>th</sup> Feb 2019 at MET Institute of Pharmacy, Nasik (Pranav Uttekar)

#### **CONFERENCES/ SYMPOSIUMS/CONVENTIONS ATTENDED:**

1. 42<sup>nd</sup> Indian Pharmaceutical Congress on 28<sup>th</sup> to 30<sup>th</sup> Dec. 1990 at Manipal.
2. AICTE-ISTE sponsored short term training programme on "Profession of Pharmacy in the next millennium" between 17<sup>th</sup> to 30<sup>th</sup> Nov. 1999 at Padmashree Dr. D.Y. Patil College of Pharmacy, Pimpri, Pune.
3. Regional workshop of "Pharmacy teachers for Pharmaceutical Chemistry" on 21<sup>st</sup> and 22<sup>nd</sup> June 2000 at Allan College of Pharmacy, Pune.
4. AICTE sponsored national seminar on "Pharmaceutical Technology in the next millenium" from 19<sup>th</sup> June to 1<sup>st</sup> July 2000 at AISSMS College of Pharmacy.
5. AICTE sponsored national seminar on "New avenues in Drug Design" from 14<sup>th</sup> to 19<sup>th</sup> May 2001 at AISSMS College of Pharmacy.
6. 54<sup>th</sup> Indian Pharmaceutical Congress between 13<sup>th</sup> to 15<sup>th</sup> Dec. 2002 at Pune.
7. Seminar on "Elements of Drug Design and Discovery" at Bombay College of Pharmacy on 4<sup>th</sup> Jan 2003.
8. Workshop on "An Interdisciplinary approach to Pharmacy Field" on 24<sup>th</sup> Dec. 2003 at Allana College of Pharmacy, Pune.
9. Seminar on "HPLC-Practical Approaches" at Bombay College of Pharmacy on 17<sup>th</sup> Jan 2004.
10. DTE sponsored training program on "Special Methods of teaching Drug Delivery Systems" at NITTTR, Pune from 13<sup>th</sup> to 24<sup>th</sup> June 2005.
11. Seminar on "BA-BE-Lifeline of pharmaceuticals" by Indian Drug Manufacturer's Association on 11<sup>th</sup> March 2006 at Mumbai.



12. Workshop on “Modern Trends in Advanced Analytical Techniques” at NowrosjeeWadia College, Pune from 8<sup>th</sup> to 10<sup>th</sup> Jan. 2008.
13. Regional Conference for Pune University college teachers “Innovation 2008-09” on 21st and 22nd Nov 2008 at SGRS college of Pharmacy, Saswad.
14. Seminar “Recent Trends in Pharmaceutical Analysis” as Resource person on 17th Jan 2009 at Padmashree Dr. D.Y. Patil College of Pharmacy, Akurdi, Pune.
15. 20th International Symposium on Pharmaceutical and Biomedical Analysis on 1st to 4th March 2009 at Agra.
16. Regional Conference for Pune University college teachers “Innovation 2009-10” on 5<sup>th</sup> and 6<sup>th</sup> Jan 2010 at SGRS college of Pharmacy, Saswad.
17. State level seminar “Biological screening Techniques and Drug Discovery” at AISSMS College of Pharmacy on 13<sup>th</sup> Jan 2011.
18. National Conference on Pharmaceutical Analysis on 16-17 Sept. 2011 at BAMU, Aurangabad.
19. HPTLC training at Anchrom, Mumbai on 17<sup>th</sup> and 18<sup>th</sup> Nov. 2011.
20. Seminar “Recent Trends in analytical techniques” on 3<sup>rd</sup> March 2012 at Modern College of Pharmacy (For Ladies).
21. State level seminar “Perspectives and challenges in implementation of credit system in curriculum of UOP at post graduate level” on 19<sup>th</sup> March 2013 at Sinhgad College of Pharmacy, Pune.
22. Seminar “Quality by Design: Approach for Drug Product Development” on 23<sup>rd</sup> March 2013 at Sinhgad Institute of Pharmaceutical Sciences, Lonavala, Pune.
23. Conference on “Advances in Bioanalytical Techniques NCABT” on 21<sup>st</sup> and 22<sup>nd</sup> Sept. 2013 at Poona College of Pharmacy, Pune.
24. Second International Conference on Herbal and Synthetic Drug Studies (HSDS) on 10th to 12th Feb 2014.
25. Regional Conference for Pune University college teachers “Innovation 2014” on 23rd and 24th April 2014 at MM college of Pharmacy, Pune.
26. STATE LEVEL SEMINAR “QbD IN FORMULATION Development” at AISSMS College of Pharmacy on 21<sup>st</sup> and 22<sup>nd</sup> Jan 2015.
27. Regional Conference for Pune University college teachers “Innovation 2015” on 29th and 30th June 2015 at Sinhgad college of Pharmacy, Vadgaon.
28. “Elsevier Connect” seminar on 27<sup>th</sup> Oct. 2015 at Pune.
29. Third International Conference on Herbal and Synthetic Drug Studies (HSDS) on 7<sup>th</sup> to 9<sup>th</sup> Jan 2016.
30. State level seminar “Role of Medicinal Chemist and Phytochemist in Drug Discovery” at AISSMS College of Pharmacy on 12th Jan 2016.
31. Workshop on “Strategies for Empowerment of Women associated with the healthcare profession” on 8<sup>th</sup> March 2016 at Allana College of Pharmacy, Pune.



32. Organised "SYNAPSE 2016", a state Level Poster Presentation Competition for B.Pharm. and M.Pharm. students on 14<sup>th</sup> Oct. 2016
33. Co-ordinated a State level seminar on "Insights on different funding agencies and Research proposal writing" on 31<sup>st</sup> Jan 2017, sponsored by BCUD, Savitribai Phule Pune University.
34. Attended a state Level seminar on "Statistical Methods in Drug Design and Development" on 1<sup>st</sup> October 2016 at Smt. Kashibai Navale College of Pharmacy, Kondhwa.
35. Participated in "Hands on workshop on basics of LC-MS/MS" at SVKM's NMIMS SP Patel School of Pharmacy & Technology Management, Mumbai between 22-24 Aug 2016.
36. A poster titled "Development and validation of simple HPTLC method for determination of Oxytocin and Levamisole HCl" presented by Ms. Sanchita Kale at Poster presentation competition and state level seminar entitled "Pharmaceutical Technology-Concept to reality" on 6<sup>th</sup> Jan 2017 at Sinhgad Institute of Pharmacy, Narhe.
37. Attended a local workshop organized by SPPU jointly with CEDA on the topic "Academic and Administrative Audit" on 26<sup>th</sup> July 2017.
38. Evaluated poster presentation competition on "Recent Advances in Drug Development and Pharmacy Practice" at International Seminar on "Trends in Pharmacy Practice" on 5<sup>th</sup> January 2018 at Pdm. Dr. D.Y. Patil College of Pharmacy, Pune.
39. Attended national level workshop on "Insights of Accreditation Process for affiliated colleges" at AISSMS College of Pharmacy, on 6<sup>th</sup> -7<sup>th</sup> Feb. 2018
40. Attended a Workshop on "Transdisciplinary Research and Capacity Building" on 17<sup>th</sup> March 2018 organized by AYUSH Centre of Excellence at CCIH, Savitribai Phule Pune University.
41. Attended International Seminar on "AYUSH products-Regulatory aspects for global reach" on 18<sup>th</sup> Feb. 2019 organised by Bharati Vidyapeeth's Poona College of Pharmacy.
42. Attended National level seminar on "IVIVC" on 17<sup>th</sup>-18<sup>th</sup> Jan. 2019 at AISSMS College of Pharmacy.

#### **PARTICIPATION AS RESOURCE FACULTY:**

1. Guest lecture on 22<sup>nd</sup> Oct. 2013 at Abhinav College of Pharmacy at "Teacher's training program in Pharmaceutical Analysis. (IPA model lecture series)
2. Delivered a session as resource person on the topic "Gradient elution technique" at University sponsored state level seminar "Challenges in separation by HPLC" at SIOP, Narhe on 9<sup>th</sup> Oct. 2014
3. Delivered a lecture as Resource Person at Modern College of Pharmacy (For Ladies) at Moshi on 22<sup>nd</sup> Jan. 2016 on "Statistics in Analytical Method Development" at two days State Level BCUD sponsored workshop
4. Guest lecture on 22<sup>nd</sup> and 23<sup>rd</sup> Jan. 2016 at Modern College of Pharmacy (for ladies) on "Quality Assurance and application of statistics in pharmaceuticals"
5. Delivered a lecture as Resource Person at Alard College of Pharmacy at Pune on 23<sup>rd</sup> Sept 2017 on "Bio-markers in Herbal Standardization" at one day State Level BCUD sponsored workshop
6. Delivered a lecture as Resource Person at Shankarrao Ursal College of Pharmaceutical Sciences and Research at Pune on 17<sup>th</sup> Oct. 2018 for Curriculum Orientation workshop.



**REVIEWER:**

1. American Journal of Analytical Chemistry
2. Journal of Planar Chromatography
3. Journal of Essential Oil bearing plants
4. Acta Chromatographica
5. AAPS PharmScitech
6. Journal of AOAC International
7. Palgo Journals
8. Current Analytical Chemistry.

**Dr. Mrinalini C. Damle**