



**All India Shri Shivaji Memorial Society's**  
**College of Pharmacy, Kennedy Rd, Pune-411001.**  
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  
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**Name:** Dr. Ashwini R. Madgulkar.

**Designation:** Principal

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

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#### **PROFESSIONAL EXPERIENCE:**

1. Principal, AISSMS College of Pharmacy, Pune since March 2009.
2. Member, Asian Advisory Board for Lippincott Wilkins and Williams Publications for the books: Martin Physical Pharmacy and Ansel's Pharmaceutical Dosage forms.
3. Ex-Chairman, Board of Studies in Pharmaceutics, University of Pune since 2010-2015
4. Faculty Member, Board of Studies in Pharmaceutics, University of Pune; 2005-2010.
5. Assistant Professor (2004-2009) and Lecturer (1996-2004) at AISSMS College of Pharmacy, Pune.
6. Senior Scientific Officer at Armed forces Medical College Pune; 1994-1996.
7. Pharmacist cum Scientist at BJ Medical College Pune; 1992-1994.
8. Pharmacist at Emcure Pharmaceuticals Bhosari-Pune; 1991- 1992.

#### **TOTAL EXPERIENCE IN YEARS:**

- ❖ Teaching: 21 years
- ❖ Research: 2 years
- ❖ Industry: 5 years

## **AREAS OF INTEREST:**

Formulation development of bioadhesive and transmucosal drug delivery system, excipients research and development, mouth dissolving dosage forms etc.

Stability Testing of Drugs and Pharmaceuticals

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

- ❖ 04 students registered

## **M. PHARM STUDENTS GUIDED: 40**

- ❖ Approved as PG guide by SavitribaiPhule Pune University and guided 40 M. Pharm students

## **PATENTS GRANTED /FILED (NOS): -- 02**

Two Indian Patent Applications filed.

## **BOOKS AUTHORED: 05**

### **Name of Books:**

Pharmaceutics I. Techmax Publications, Pune, 2012.

Pharmaceutics for Diploma in Pharmacy, Techmax Publications, Pune, 2013

Pharmaceutics I and Pharmaceutics II for Semester Pattern. Techmax Publications, Pune, 2013.

Research Methodology, Publisher-India Pharma Tree.

Industrial Pharmaceutics I and II- Techmax Publications, Pune 2016

## **PROFESSIONAL AFFILIATIONS:**

- ❖ Member of Maharashtra State Pharmacy Council (MSPC), Indian Pharmaceutical Association (IPA)
- ❖ Association of Pharmaceutical Teachers of India (APTI) etc.

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

- ❖ No. of Inhouse Projects: 0
- ❖ No. of Funded Research Projects (University): SavitribaiPhule Pune University:- 03  
AICTE: 01
- ❖ Amount of Research Grant Received:AICTE:- 23,00,000  
SavitribaiPhule Pune University:- 7,30,000

### **MEMBER OF EDITORIAL BOARD:**

- ❖ Member, Asian Advisory Board for Lippincott Wilkins and Williams Publications for the books: Martin Physical Pharmacy and Ansel's Pharmaceutical Dosage forms.
- ❖ Referee to various scientific journals including AAPS PharmSciTech, Asian Journal of Pharmaceutics, Drug Delivery etc.

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

- ❖ Working as Academic Research Co-ordinator for SavitribaiPhule Pune University

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

- ❖ APTI (Maharashtra) PHRSI Principal of the year (Degree) for the year 2014.
- ❖ Indian Rheumatologist Association's award for best research paper, 2016.

### **PUBLICATIONS:**

- ❖ RESEARCH PUBLICATIONS: 94
- ❖ PRESENTATIONS : 23

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

1. Madgulkar A R,Damle M.C., Effect of Anti-Hypertensive Therapy On Renal Function: Focus On Amlodipine, Indian Journal Of Hospital Pharmacy, Sept-Oct 2001, 184-191.
2. Damle M.C., Madgulkar A R, Simultaneous Spectrophotometric Estimation Of Nimesulide And Chlorzoxazone In Dosage Form, Indian Drug, November 2001, 38(11), 576-579.

3. Rao M.R.P., Madgulkar A R, Damle M.C., Neutraceuticals , Indian Journal of Pharmaceutical Education, July-Sept 2002, 36(03), 142
4. Rao M.R.P., Madgulkar A R, Depyrogenation Of Glasswares For Parenterals, Indian Pharmacists', December 2002, 6.
5. Madgulkar A R, Role Of Pharmacists In Community Health, Special feature to Express Pharma Pulse, 9, (4), Dec 2002.
6. Rao M.R.P., Madgulkar A R, Surface Plasmon Resonance – A New Approach To High Throughput Screening, Indian Drugs, Oct 2003, 40(10), 561-565.
7. Bothra K. G., Damle M.C., Madgulkar A R, Mass Spectroscopy In Genomics, Indian Journal Of Pharmaceutical Sciences, June 2004, 66(3); 265-271.
8. Madgulkar A.R., Damle M.C., Parenteral Nutrition Supplement: Omega 3 Fatty Acids, Pharma Times, April 2005, 37(4), 9-14.
9. Bhalekar M. R., Madgulkar A R, Avari J. G., Preparations And Evaluation Of Taste Masked Resinates Of Ranitidine Hcl, Int. J. Pharm. Excipients, Oct-Dec. 2005, 4(4), 95-98.
10. A.R. Madgulkar, S. J. Kshirsagar, P.P. Vaidya , Buccal drug delivery system , Int. J Pharma Excipients , 2006
11. Madgulkar A R, Bhalekar M. R., Mouth Disintegrating Tablets Of Taste Masked Tramadol HCl, Macromolecules, Oct. 2006, 20-26
12. Madgulkar A R, Preservation Efficacy Testing for Pharmaceutical Products during stability studies, www.pharmainfo.net, Nov. 2006, 1-9.
13. M.R. Bhalekar , A.R. Madgulkar , M.R. Shiradkar , M. Damle and R. Rode , Compritol and Precirol: Innovative Pharmaceutical Excipients , Asian Journal of Chemistry , 2017 , Vol.19(1) , 454-458
14. Madgulkar A R, Gandhi S V, Simultaneous determination of Rabepazole Sodium and Itopride hydrochloride in capsule dosage form by spectrophotometry. Hind. Antibiot. Bull., 2007-08 (49-50), 34-38
15. A.R. Madgulkar, S. J. Kshirsagar, S.H. Gala , P.U. Gaitonde , A.A. Joshi , Advances in drug delivery devices , Int. J Pharma Excipients , 2007
16. Madgulkar A R, Bhalekar M.R., Patel K.G., Comparative Evaluation of Taste Masking Methods for Fexofenadine HCl, Pharma Review, Vol. 5, no. 30, Oct. 2007, 175-179.
17. Rao M.R.P., Madgulkar A R, Rao S. H., Nanotechnology & Blood Brain Barrier, Indian drugs, April 2007, 44(4), 245-252.
18. Madgulkar A R, Bhalekar M.R. Rao S.H., Trips: Indian-Patent Protection For Pharmaceutics, www.pharmainfo.net, June 2007, 1-8.
19. Madgulkar A R, Bhalekar M.R., Kolhe V.J. Patel K.G., Ion Exchange Resins in Formulation: An Update, July 2007, 1-12.

20. Madgulkar A R, "Comparative Study of Efficacy of Indion 414 &Amberlite IRP 88 as superdisintegrants in Mouth dissolve tablets", Indian drugs June 2007, 44(6), 455-458.
21. Damle M.C., Madgulkar A R, "Reversed Phase high performance liquid chromatographic method for simultaneous estimation of Perindopril And Indapamide In tab formulation", Indian drugs, July 2007, 44(7), 504-508
22. Madgulkar A R, Patient Compliance- A Review, Int. J. Pharmacology, Biology science, 2007, 1(2), 17-24.
23. Madgulkar A R, Advances in Drug Delivery Devices, J pharmaceutical excipients., October- December 2007,127
24. Bhalekar M.R., Madgulkar A R, Complexes Role in Pharmaceutical Formulation, Asian J. Chemistry, Apr 2007, Vol.19(4), 2615-2622.
25. M.R. Bhalekar, D.Harinarayana, A.R. Madgulkar,S.J. Pandya and D.K. Jain, Improvement Of Photostability In Formulation: A Review, Asian Journal Of Chemistry,2008,Vol. 20(7), 5095-5108
26. M. R. Bhalekar, A. R. Madgulkar, D. D. Sheladiya, S. J. Kshirsagar, N. D. Wable and S. S. Desale, Statistical optimization of sustained release tablets of venlafaxine HCl wax matrix tablet, Indian Journal Of Pharmaceutical Sciences,2008,70 (4):472-476
27. S.S. Kadam, V. B. Pokharkar and Madgulkar A R. Optimized Buccoadhesive Miconazole Tablet Using Simplex Centroid Experimental Design, Asian Journal of Chemistry Vol. 20, No. 2 (2008).
28. S.S. Kadam, V. B. Pokharkar and Madgulkar A R. Development of TrilayerdMucoadhesive Tablet of ItraconazoleWith Zero Order Release. Asian J. Pharmaceutics, Jan-Mar 2008; Vol 2, (1):57.
29. M. R. Bhalekar, A. R. Madgulkar, K. Patel , Y. Kenjale , Formulation and optimization of oral disintegrating tablets of Fexofenadine HCl , 2008 , Indian Drugs , Vol. 45(10)
30. A. R. Madgulkar,S. J. Kshirsagar, P.P. Vaidya , G.M. Tare , A.S. Ubhe , preparation and evaluation of mucoadhesive film of ayurvedic drug black catechu, The Indian Pharmacists , 2008 , Vol.7 (72)
31. Madgulkar A R,Bhalekar M.R., Wable N.D. Eggshell Membrane as Substrate Bioadhesion Measurement, Indian Drugs, No.45(3), March 2008, 219-221.
32. S.S. Kadam, V. B. Pokharkar and A R Madgulkar. Studies on Formulation development of mucoadhesive sustained release itraconazole tablet using response surface methodology. Accepted by AAPS PharmSciTech on 11 Jun 2008. Manuscript no. AAPSPT-D-08-00031R2.
33. Vyawahare N S, A. R. Madgulkar, K.G. Bothara , U.N. Harle , N.J. Gaikwad , The CCKB antagonist L-365, 260 antagonizes anxiogenic – like effects of spontaneous and Naloxone precipitated opiate withdrawal in the elevated plus- maze , International Journal Of Pharmacology , 2008 , Vol.2(2)

34. S.S. Kadam, V. B. Pokharkar and Madgulkar A R. Validated bioanalytical RP-HPLC method for the determination of Itraconazole in Rabbit Plasma. Accepted by Journal of Pharmaceutical Research.
35. Madgulkar A R, Bhalekar M.R. Kolhe V. J. Preparation and Characterization of Indion 244 – Venlafexin Complexes, Indian Drugs, No. 45(5), May 2008, 416-420.
36. Madgulkar A R, Bhalekar M., Statistical optimization of sustained release venlafaxine HCl wax matrix tablet. Indian Journal of Pharmaceutical Sciences, 70 (4), 472-476, (2008).
37. A.R. Madgulkar, M.R. Bhalekar, R.R. Padalkar, Formulation Design and Optimization of Novel Taste Masked Mouth-Dissolving Tablets of Tramadol Having Adequate Mechanical Strength, American Association of Pharmaceutical Scientists, 2009, 10(2) , pp 574–581
38. A.R. Madgulkar, M. R. Bhalekar, V. J. Kolhe and Y. D. Kenjale, Formulation and optimization of sustained release tablets of venlafaxine resinates using response surface methodology, Indian Journal Of Pharmaceutical Sciences, 2009, 71 (4):387-394
39. S.S. Kadam, V. B. Pokharkar and Madgulkar A R, Development of Buccal Adhesive Tablet with Prolonged Antifungal activity : Optimization and ex vivo Deposition Studies, IJPS, May-June 2009, 290-294.
40. Kshirsagar, Sanjay J. , Bhalekar Mangesh R. , Madgulkar Ashwini R. , Sable Preeti N. , S. Wadekar , Dissolution Improvement of Poorly Water Soluble Drug using dry emulsion and solid dispersion , Journal of pharmacy research , 2009 , Vol. 2 (10)
41. A.R. Madgulkar, M. R. Bhalekar, M. Swami, Invitro and invivo studies on chitosan beads of losartan duolite AP 143 complex , optimised by using statistical experimental design, AAPS, 2009
42. Bhalekar M.R., Varsha Pokharkar, Madgulkar A R, Nilam Patil, Nilkanth Patil Preparation and Evaluation of Miconazole-loaded solid lipid Nanoparticles for Topical Delivery, AAPS Pharm. Sci. Tech., Vol. 10, No. 1, March 2009, 289-296.
43. A.R. Madgulkar, M. R. Bhalekar, K. Patil , Formulation optimization and evaluation of mucoadhesive microspheres of Xyloglucan , International journal of pharmaceutical sciences , 2009 , Vol.1(1) , 23-31
44. J.G. Ghogare, S.V. Bhandari, A.R. Madgulkar, K.G. Bothara, B.G. Sonawane, G.A. Prashar, P.R. Inamdar, Design, synthesis and pharmacological screening of potential anticonvulsant agents using hybrid approach , European Journal Of Medicinal Chemistry , 2010 , Vol.45(3), 857-8633.
45. Mangesh R. Bhalekar, Swapnil S. Desale, Ashwini R. Madgulkar , Synthesis of MCC–PEG Conjugate and Its Evaluation as a Superdisintegrant , American Association of Pharmaceutical Scientists, 2010, Volume 11, Issue 3, pp 1171–1178.
46. Bhalekar Mangesh R. , Bidkar Shital J. , Shete Tushar K. , Madgulkar Ashwini R. , Taste masking of cefuroxime axetil by ion exchange resin complex , Latin American Journal Of Pharmacy , 2010 , Vol.29 (2)

47. Kshirsagar, Sanjay J. , Bhalekar, Mangesh R. , MadgulkarAshwini R. , Sable, PreetiN.Gupta, Bijan Kumar , Dissolution Improvement of Poorly Water Soluble Drug Valsartan and Improving Flow Properties of Solid Dispersion , Latin American Journal Of Pharmacy , 2010 , Vol.29 (3)
48. VidyaPawar, Deepak Lokwani,ShashikantBhandari,DebashisMitra,SudeepSabde, Kailash Bothara, Ashwini Madgulkar, Design of potential reverse transcriptase inhibitor containing Isatin nucleus using molecular modeling studies , Bioorganic & Medicinal Chemistry, 2010 , Vol.18(9) , 3198–3211
49. M.R. Bhalekar ,TussharShete , M.C. Damle , A. R. Madgulkar, Solid State Photodegradation Study of Fexofenadine Hydrochloride , Analytical Letters , 2010 , Vol.43 (10)
50. M.C. Damle,A.R. Madgulkar, K. S. Topagi, M.G. Dewani , Derivative spectrophotometric method for determination of diacerhein and aceclofenac in pharmaceutical formulations , Analytical chemistry , 2010 , Vol.9(1), 196-199
51. A. R. Madgulkar,M.R. Bhalekar , N. Kadam , N. Patil , N. Gawale , Novel ion exchange resin-based combination drug delivery system for treatment of gastro esophageal reflux diseases , Brazilian Journal of pharmaceutical sciences , 2010 , Vol.46(2)
52. S.J. Kshirsagar, M. R. Bhalekar, A. R. Madgulkar,S.R. Gupta, S.V. Patil, Design and development of pH sensitive budesonide chitosan mucoadhesive beads for ileo-cecal targeting, Asian Journal of Pharmaceutical Sciences , 2011, 6 (1): 8-17
53. Mohit G. Dewani, Tejas C. Borole, Sejal P. Gandhi, A. R. Madgulkar, Mrinalini C. Damle , Development and Validation of HPTLC method for Determination of Voriconazole in Human Plasma , Der Pharma Chemica, 2011, 3 (4):201-209
54. Mohit G. Dewani,Tejas C. Borole ,Sejal P. Gandhi,Ashwini R. Madgulkar and Mrinalini C. Damle , Determination of Voriconazole in Human Plasma by High Performance Liquid Chromatography with Ultraviolet Detection , International Journal of Research in Pharmaceutical and Biomedical Sciences , 2011, Vol. 2 (3)
55. Mangesh R Bhalekar,Ashwini R Madgulkar,Amruta S Ner, Nitin D Wable, Formulation development of Domperidone buccal bioadhesive hydrophilic matrix tablets, Asian Journal of Pharmaceutics , 2011 , Vol.5(4)
56. Madgulkar A.R., Bhalekar M.R., Kapse S.B., Paygude B.V., Reddi S.S. , Transdermal Permeation Enhancement of Valsartan Using Solid Lipid Nanoparticles , Research Journal of Pharmacy and Technology , 2011 , Volume : 4, Issue : 8
57. MadgulkarAshwini.R., SonawanePrajakta.A., DhokaMadhura.V., NimbalkarUmesh A. , Simultaneous Determination of CefiximeTrihydrate and Erdosteine in Human Plasma by HPTLC Method , Research Journal of Pharmacy and Technology , 2011 , Volume : 4, Issue : 7
58. KshirsagarSanjay J. , Patel Smit J., MadgulkarAshwini R., BhalekarMangesh R. , Formulation and in-vitro evaluation of repaglinide microspheres prepared by spray drying technique , Latin American Journal Of Pharmacy ,2011 , Vol.30 (4) , 799-803

59. M.V. Dhoka ,A. R. Madgulkar, U. Nimbalkar , R.N. Mirajkar , P.A. Sonawane , Comparison of invitro dissolution profiles of Cefpodoximeproxetil- PEG solid dispersions with Cefpodoximeproxetil, International journal of research in Ayurveda and pharmacy , 2011 , Vol.2(2) , 650-654
60. M.V. Dhoka ,A. R. Madgulkar, U. Nimbalkar ,P.A. Sonawane , Determination of CefditorenPivoxil in human plasma by HPTLC method , 2011 , Vol.2(5), 1582-1584
61. S.J. Kshirsagar S.B. Wadekar ,M.R. Bhalekar , P.B. Ughade , A. R. Madgulkar,Gastroretentive drug delivery system of hydrochlorothiazide: formulation , optimization and invivo evaluation , 2011 , Vol.6(3-4), 1-10
62. Mohit G. Dewani , Kailash G. Bothara , Madgulkar R. Ashwini,Mrinalini C. DamleSimultaneous estimation of Perindopril Erbumine and Indapamide in bulk and tablet dosage form by HPTLC” International Journal of Comprehensive pharmacy, 2(1), (2011), 1-4.
63. Bhalekar M R, Madgulkar A R,Padalkar R R, Sheladiya D, Simplex wax matrix for sustained drug delivery of venlafexaine. Inventi Rapid, May, 2011.
64. Madgulkar A R,Bhalkear M R, Padalkar R R, Patil N S, Umbaranikar D U. Formulation development and in vivo evaluation of repaglinide chitosan beads using factorial design., American journal of medicine and medicinal sciences, 2012, Vol.2(4) , 62-70
65. Bhalekar M R, Madgulkar A R,Targeted drug delivery to CNS using nano particles. Journal of advanced pharmaceutical sciences, vol1/issue2/2012/179.
66. Bhalekar M R, Madgulkar A R,Amorphousnano particles for solubility enhancement, Journal of advanced pharmaceutical sciences, vol1/issue2/2012/167.
67. MangeshBhalekar , Ashwini Madgulkar , NileshTribhuvan , Formulation and optimization of excipient blend containing xyloglucan for sustained release application , International journal of universal pharmacy and life sciences , 2012 , Vol.2(4)
68. Pranjali B. Gawali , Sanjay J.Kshirsagar , MangeshBhalekar , Ashwini Madgulkar , Preparation and characterization of amorphous nanoparticles for solubility enhancement of ritonavir , International journal of pharmaceutical invention , 2012 , Vol.2(6)
69. Andeep Singh Chahal , A.R. Madgulkar , S.J.Kshirsagar , M.R.Bhalekar , Amrita Dikpati , Amorphous nanoparticles for solubility enhancement , Journal of advanced pharmaceutical sciences , 2012 , Vol.1(2)
70. Pranjali S. Ranaware , Anita M. Ingle , AbhijeetLadke, Ashwini R. Madgulkar and Mrinalini C. Damle , Determination of nevirapine in human plasma by HPLC , Journal of chemical and pharmaceutical research , 2012 , Vol.4(6), 3003-3009
71. N.AmritaDikpati ,A.R. Madgulkar, S.J.Kshirsagar , M.R.Bhalekar ,Andeep Singh Chahal , Targeted drug delivery to CNS using nanoparticles , Journal of advanced pharmaceutical sciences , 2012 , Vol.1(2)
72. Deshpande Kiran, RanawarePranjali, Madgulkar A. R., Damle M.C. , Development and Validation of Stability Indicating HPTLC Method for Determination of Repaglinide , Research Journal of Pharmacy and Technology , 2013, Volume : 6, Issue : 2



73. Prashant U.Tompe , Nandan V. Shinde , MrinaliniDamle , Ashwini Madgulkar , Development and validation of bioanalytical method for the determination of AmbroxolHCl and Cefadroxil in human plasma , International journal of research in pharmaceutical and biomedical sciences , 2013 , Vol.4(4)
74. Nandan V. Shinde ,Prashant U.Tompe ,MrinaliniDamle , Ashwini Madgulkar, Development and validation of HPTLC method for estimation of efavirenz in human plasma , Journal of chemical and pharmaceutical research , 2013 , Vol.5(8)
75. Nandan V. Shinde , Prashant U.Tompe , MrinaliniDamle , Ashwini Madgulkar , Development and validation of HPTLC method for estimation of Cephalexin in hman plasma , International journal of research in pharmaceutical and biomedical sciences , 2013 , Vol.4(4)
76. Ashwini R. Madgulkar, Mangesh R. Bhalekar, Rahul R. Padalkar, and Mohseen Y. Shaikh , Optimization of Carboxymethyl-Xyloglucan-Based TramadolMatrix Tablets Using Simplex Centroid Mixture Design , Journal of Pharmaceutics , 2013
77. Ashwini Madgulkar, Rahul Padalkar, MemonSohel, MangeshBhalekar. Buccal patch of tramadol hydrochloride for transmucosal delivery: in-vivo studies. Inveni Impact: NDDS; Vol. 2013 , Article ID- " Inveni:pndds/770/13 ".
78. Mangesh R. Bhalekar,Ashwini R. Madgulkar,SnehaGunjal , AbhijeetBagal , Formulation and optimization of sustained release spray-dried microspheres of glipizide using natural polysaccharide , Journal of pharmaceutical science and technology , 2013 , Vol.67(2)
79. M.R.Bhalekar, P.G.Upadhaya, S.Reddy, S. J. Kshirsagar, A.R.Madgulkar, Formulation and evaluation of acyclovir nanosuspension for enhancement of oral bioavailability, Asian Journal Of Pharmaceutics, 2014, Vol.8(2)
80. Mangesh .R. Bhalekar, Ashwini R. Madgulkar, Rahul R. Padalkar, Dipul B. Manwar , Taste Masked Beads Of Ondansetron Hydrochloride Using Natural Polymer Xyloglucan , World Journal Of Pharmacy And Pharmaceutical Sciences , 2014, Volume 3, Issue 8, 1151-1163
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82. Ashwini R. Madgulkar, Monica R.P.Rao , Deepa Warriar , Characterization of Psyllium Polysaccharide and its uses , Polysaccharides , 2014
83. M.R.Bhalekar, P.G.Upadhaya, S.D. Nalawade, S. J. Kshirsagar, A.R.Madgulkar, Anti-rheumatic activity of chloroquine-SLN gel on wistar rats using complete freund's adjuvant (CFA) model , Indian Journal Of Rheumatology , 2015, Vol,10(2) , 58-64
84. MangeshBhalekar, Prashant Upadhaya, Ashwini Madgulkar, Formulation and evaluation of Adapalene-loaded nanoparticulates for epidermal localization , Drug Delivery And Translational Research , 2015 , Volume 5, Issue 6, pp 585–595
85. M.R. Bhalekar , P.G. Upadhaya , A.R. Madgulkar , S. Kshirsagar , A. Dube , U. Bartakke , In-vivo bioavailability and lymphatic uptake evaluation of lipid nanoparticulates of darunavir , Journal Of Drug Delivery , 2015 , Vol.23 (7)

86. S.T.Bansode , S. Kshirsagar , M.R.Bhalekar,A.R.Madgulkar, M.M Bandivadekar, Design and development of SMEDDS for colon-specific drug delivery , Drug Development And Industrial Pharmacy , 2015 , Vol.42 (4)
87. Mangesh R Bhalekar, Ashwini R Madgulkar, Gayatri J Kadam , Evaluation Of Gelling Agents For Clindamycin Phosphate Gel , World Journal Of Pharmacy And Pharmaceutical Sciences , 2015 , Volume 4, Issue 07, 2022-2033
88. Mangesh R. Bhalekar, Ashwini R. Madgulkar, Rahul R. Padalkar, Ashwini H. Sathe ,Formulation And Evaluation Of Taste Masked Suspension Of Oseltamivir Phosphate , World Journal Of Pharmacy And Pharmaceutical Sciences , 2015, Volume 4, Issue 10, 382-393
89. Ashwini R. Madgulkar, ,Mangesh R. Bhalekar , Kalyani D. Asgaonkar , Amrita A. Dikpati , Synthesis and characterization of a novel mucoadhesive derivative of xyloglucan , Carbohydrate Polymers , 2016 , Vol.135 , 365-362
90. Mangesh R. Bhalekar, ,Prashant G. Upadhaya, Ashwini R. Madgulkar , Fabrication and efficacy evaluation of chloroquine nanoparticles in CFA-induced arthritic rats using TNF- ELISA , European Journal Of Pharmaceutical Sciences , 2016 , Vol.84 , 1-8
91. Mangesh R. Bhalekar, , Rajesh V. Bargaje, Prashant G. Upadhaya, Ashwini R. Madgulkar, Sanjay J. Kshirsagar , Formulation of mucoadhesive gastric retentive drug delivery using thiolated xyloglucan , Carbohydrate Polymers , 2016 , Vol.136 , 537-542
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93. Madgulkar A.R, Bhalekar M.R, Padalkar R.R and Kulangi SL , Formulation And Evaluation Of Suspension Containing Chloroquine Sulphate-Loaded EudragitEpo Microspheres ,World Journal Of Pharmacy And Pharmaceutical Sciences , 2016 , Volume 5, Issue 11, 719-727
94. M. R. Bhalekar,A.R. Madgulkar, Puja S. Desale , GyceMarium , Formulation of piperine solid lipid nanoparticles (SLN) for treatment of rheumatoid arthritis , Drug Development And Industrial Pharmacy , 2017 , Vol.43 (6)

## PRESENTATIONS:

As an Author:23

### ❖ As an Author:

1. Novel drug delivery systems: past-present – future organised by Sinhgad college of pharmacy on 19th September – 1st October 2011
2. Annual National Convention Of Association Of Pharmaceutical Teachers Of India organized by shreshivajichatrapati sports complex , Balewadi on 28th – 30th November 2014

3. National Conference on Biotechnology Science and Environment and 8th Annual meeting of society for science and Environment organised by School of Biotechnology , Devi Ahilya University , Indore.
4. Pharmaceutical education and research : global challenges organized by Dept. of Pharmaceutical sciences Vishakhapatnam at APTI on 2nd – 3rd October 2004.
5. Innovation 2008-2009 organized by university of pune at S G R S college of pharmacy saswad on 21st – 22nd November 2008.
6. An interdisciplinary approach to pharmacy field organized by Allana College of pharmacy , pune on 24th December 2003
7. Trends in drug discovery and development,organized by, BVP at 10-11th sept.2005.
8. Advances in technology and business potential of new drug delivery systems organized by controlled release society on 13-14 feb.2007.
9. The latest advances in the pharmaceutical technology organized by indian pharmaceutical association,pune on 30th sept.1999.
10. Formulation and development and in-vivo evaluation of transmucosalbioadhesion drug delivery system organized by uni.pune at MM college of pharmacy pune on 23 to 24 april 2014.
11. Herbal and synthetic drug studies organized by An interdisciplinary science and technology research academy on 10 to 12th feb.2014.
12. Profession of pharmacy in the next millennium organized by indian society for technical education and Dr.DYpatilcollege of pharmacy at AICTE and ISTE sponsored short term training program on 17th to 30th nov.1999.
13. The latest advance in the pharmaceutical technology organized by indian pharmaceutical association on 30th sept.1999.
14. New avenues in drug design organized by AISSMS college of pharmacy on 14 to 19 may,2001.
15. Advances in pharmaceutical sciences organized by poona college of pharmacy on 17thjune to 6thjuly 2002.
16. Pharmaceutical technology in next millennium organized by AISSMS COP pune on 19thjune to 1stjuly 2000.
17. Current trends in formulation technology of NDDS organized by nirma institute of science and technology ahemadabad on 1st to 15th nov.2003.

18. Biotechnolgy a challenge of pharmacy profession organized by 54thindianpharma.congress 2002 at bhartividya peth pune on 13 to 15 DEC.2002.

19. Accrediation through NAAC : roadmap for excellnace,organized by UGC at St. mira college for girls on 5 oct.2002.

20. 6th national convention nashik organized by MG vidyamandir pharmacy college on 22 to 23 sept.2001.

21. Dissolution testing of pharmaceutical organized by Poona COP on 8th sep.2001.

22. Regional orientation program organized by MUHS at KM kudnani college of pharmacy Mumbai on 20thjune to 31stjune 2000.

23. Recent advances in pharmaceutical chemistry organized by AISSMS COP on 25th JAN.1998

**CONFERENCES/ SYMPOSIUMS/CONVENTIONS ATTENDED: 15**

**WORKSHOPS / SEMINARS/REFRESHER COURSE ATTENDED: 15**

**PARTICIPATION AS RESOURCE FACULTY: 02**

**REVIEWER:**

- ❖ AAPS PharmSciTech
- ❖ Asian Journal of Pharmaceutics
- ❖ Drug Delivery