

1. Name: Dr. K. R. Jadhav**2. Educational qualification:**

Course	Institute	Year of passing
Ph.D	B.V. Poona College of Pharmacy, Pune	2010
M. Pharm.	B.V. Poona College of Pharmacy, Pune	1993
B. Pharm.	B.V. Poona College of Pharmacy, Pune	1991
D. Pharm.	Govt. College of Pharmacy, Karad	1986

3. Experience:

Academic:

Tenure	Post	Institute
04/07/ 2011 to Till date	Professor	Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai
01/07/2009 to Till date	Vice Principal	Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai
01/04/2006 to 03/07/2011	Associate Professor	Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai
01/07/1994 to 31/03/2006.	Lecturer	Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai
1993-94	Lecturer	Bharati Vidyapeeth's Institute of Pharmacy, Navi Mumbai
1992-93.	Lecturer	B.V. Poona College of Pharmacy (Poly), Pune

4. Students guided till date: (Include ongoing students also)

M. Pharm	Ph. D.
32	04

5. Publications:

- 1) Shaikh, IM., Jadhav, KR., Ganga S., Kadam VJ., Pisal SS. Advanced approaches in insulin delivery. Current Pharmaceutical Biotechnology, 6(5),387-395(2005).[ISSN:1873-4316] (IF2.459)
- 2) Jadhav, KR., Hajare, AA., Gujar KN. Formulation and characterization of olive oil microemulsion. Indian Pharmacist, 4(3), 66-75(2005).[ISSN: 0972-7914]
- 3) Jadhav, KR., Shaikh, IM., Ambade, KW., Kadam, VJ. Applications of microemulsion based drug delivery system. Current Drug Delivery, 3(3), 267-273(2006).[ISSN:1875-5704] (IF 2.516)
- 4) Shaikh, IM., Jadhav, KR., Gide, PS., Kadam, VJ., Pisal, SS. Topical delivery of aceclofenac from lecithin organogels: preformulation study. Current Drug Delivery, 3(4), 417-427 (2006). [ISSN:] (IF2.516)

- 5) Jadhav, KR., Gambhire, MN., Shaikh, IM., Kadam, VJ., Pisal, SS. Nasal drug delivery system- factors affecting and applications. *Current Drug Therapy*, 2(1),27-38(2007).[ISSN: 2212-3903] (IF 0.41)
- 6) Shaikh, IM., Jadhav, KR., Kadam, VJ., Pisal, SS. Lecithin organogels as drug delivery system: A review. *Drug Delivery Technology*. 7(2),60-66(2007)[ISSN: 1773-2247] (IF 1.194)
- 7) Jadhav, KR., Chandra, M., Kurmi, SD., Kadam, VJ. Ion exchange resins – A novel way to solve formulation problems. *Current Drug Therapy*, 2(3), (2007)[ISSN: 2212-3903] (IF 0.41)
- 8) Gambhire, MN., Jadhav, KR., Ambade, KW., Kurmi, SD., Kadam,VJ. Development and in-vitro evaluation of an oral floating matrix tablet formulation of diltiazem hydrochloride. *AAPS PharmSciTech*. 8(3),73(2007).[ISSN:1530-9932] (IF2.451)
- 9) Jadhav, KR., Ambade, KW., Jadhav, SL., Gambhire, MN., Kurmi, SD., Kadam,VJ. Formulation and evaluation of flurbiprofen microemulsion. *Current Drug Delivery*. 6(1)(2008).[ISSN: 1875-5704] (IF2.516)
- 10) Jadhav, KR., Shaikh, IM., Kadam, VJ., Pisal, SS. Stability enhancement and in vitro skin permeation of erythromycin from IPM lecithin organogel. *Research Journal of Pharmacy and Technology*.1, 33-39(2008).[ISSN: 0974-3618] (IF 0.14)
- 11) Jadhav, KR.,Shaikh, IM., Kadam, VJ.,Pisal, SS. Aceclofenac organogels: in vitro and in vivo characterization. *Current Drug Delivery*. 6(1),1-7(2009)[ISSN: 1875-5704] (IF 2.516)
- 12) Patil, A., Shaikh, IM., Kadam, VJ., Jadhav, KR. Nanotechnology in therapeutics: current technologies and applications. *Current Nanoscience*. 5(2), 141-153(2009).[ISSN: 1875-6786] (IF1.062)
- 13) Jadhav, KR., Kadam, VJ., Pisal, SS. Formulation and evaluation of lecithin organogels of fluconazole. *Current Drug Delivery*. 6, 174-183(2009).[ISSN: 1875-5704] (IF2.516)
- 14) Shetye, SL., Jadhav, KR., Jadhav, BP., Kadam, VJ. Off patented: biotech products. *Journal of Pharmacy Research*. 5,113(2009).[ISSN: 0974-6943] (IF 0.74)
- 15) Kyatanwar, AU., Jadhav, KR., Kadam, VJ. Self micro-emulsifying drug delivery system (SMEDDS): Review. *Journal of Pharmacy Research*. 3, 75-83(2010).[ISSN: 0974-6943] (IF 0.74)
- 16) Gajbhiye, ND., Kadam, VJ., Jadhav, KR., Kyatanwar, AU., Patel, UJ. Pulsatile drug delivery system. *Journal of Pharmacy Research*. 3,120-123(2010).[ISSN: 0974-6943] (IF 0.74)
- 17) Ligade,PC., Jadhav, KR., KadamVJ. Brain drug delivery system: an overview. *Current Drug Therapy*. 5 (2), 105-110(2010).[ISSN: 2212-3903] (IF0.41)
- 18) Patil, A., Kadam, VJ., Jadhav, KR. Co processed pharmaceutical excipients - brief review. *Research Journal of Pharmacy and Technology*, 3(1), 433-439(2010).[ISSN: 0974-3618] (IF 0.14)

- 19) Ligade, PC., Jadhav, KR., Kadam, VJ. Formulation and evaluation of controlled release tablet containing water soluble drug. *Research Journal of Pharmacy and Technology*, 3(2), 468-474(2010).[ISSN:0974-3618] (IF 0.14)
- 20) Patel, UJ., Kadam, VJ., Jadhav, KR. Floating drug delivery system: An overview. *Chemical weekly*. 195-198(2010).
- 21) Koshy, PV., Pacharane, SS., Choudhari, AK., Kadam, VJ., Jadhav, KR. Drug particle engineering of poorly water soluble drugs. *Der Pharmacia Lettre*. 2(4), 65-76(2010).[ISSN: 0975-5071] (IF 5.053)
- 22) Jadhav, KR., Pacharane, SS., Koshy, PV., Kadam, VJ. Smart polymers and their role in drug delivery-a review. *Current Drug Therapy*. 5 (4), 250-261 (2010).[ISSN: 2212-3903] (IF 0.41)
- 23) Jadhav, KR., Shetye, SL., Kadam, VJ. Design and evaluation of microemulsion based drug delivery system. *International Journal of Advances in Pharmaceutical Sciences*. 1, 156-166(2010).[ISSN: **0976-1055**] (IF 0.13)
- 24) Choudhari, AK., Pacharane, SS., Kadam, VJ., Jadhav, KR. Formulation and development of extended released tablet of lamotrigine. *International Journal of Pharmaceutical and Biosciences*. 2(1), 198-210(2011).[ISSN: 0975-6299] (IF 0.268)
- 25) Jadhav, KR., Pacharane, SS., Koshy, PV., Gavali, SM., Kadam, VJ. Methods of granulation: current and future trends. *Journal of Pharmacy Research*. 3(12), 123(2010).).[ISSN: 0974-6943] (IF 0.74)
- 26) Gavali, SM., Pacharane, SS., Sankpal, SV., Jadhav, KR., Kadam, VJ. Liquisolid compact: a new technique for enhancement of drug dissolution. *International Journal of Pharma and Chemical Research*. 1(3), 705-713(2011).[ISSN: 2231-2781] (IF 0.510)
- 27) Gavali, SM., Pacharane, SS., Sankpal, SV., Jadhav, KR., Kadam, VJ. Formulation and evaluation of loratadine and pseudoephedrine sulfate extended drug release. *International Journal of Pharma and Chemical Research*. 1(3), 718-721(2011).[ISSN: 2231-2781] (IF 0.510)
- 28) Gavali, SM., Pacharane, SS., Jadhav, KR., Kadam, VJ. Transfersomes: a new technique for transdermal drug delivery. *International Journal of Pharma and Chemical Research*. 1 (3), 735-740(2011).[ISSN 2231-2781] (IF 0.510)
- 29) Sawant, SV., Kadam, VJ., Jadhav, KR., Sankpal, SV. Drug nanocrystals: Novel technique for delivery of poorly soluble drugs. *International Journal of Science Innovations and Discoveries*. 1(3), 1-15(2011).[ISSN: 2249-5347] (IF 0.33)
- 30) Jadhav, KR., Sankpal, SV., Gavali, SM., Sawant, SV., Kadam, VJ. Drug, enzyme and peptide delivery using erythrocytes as drug carrier. *International Journal of Pharmaceutical Sciences Review and Research*. 1 (13), 79-88(2012).[ISSN: 0976-044X] (IF 0.65)

- 31) Jain, SS., Jagtap, PS., Dand, NM., Jadhav, KR., Kadam, VJ. Aquasomes: a novel drug carrier. *Journal of Applied Science and Research*. 2(1), 184-192(2012).[ISSN :2348 - 0416] (IF0.17)
- 32) Jagtap, PS., Jain, SS., Dand, NM., Jadhav, KR., Kadam, VJ. Hot melt extrusion technology, approach of solubility enhancement: A brief review. *Der Pharmacia Lettre*. 4(1), 42-53(2012).[ISSN: 0975-5071] (IF 5.053)
- 33) Sankpal, SV., Sawant, SV., Kadam, VJ., Jadhav, KR. Extended release formulation of metoprolol succinate using ion exchange technology. *American. Journal of PharmTech Research*. 2(2), 639-653(2012).[ISSN: 2249-3387] (IF 1.123)
- 34) Sankpal, SV., Jadhav, KR., Gavali, SM., Sawant, SV., Kadam, VJ. Development and in vitro evaluation of film coated micronized immediate release tablets of ursodeoxycholic acid. *Der Pharmacia Lettre*. 4(3), 714-719(2012).[ISSN: 0975-5071] (IF 5.053)
- 35) Jain, SS., Agarwal, HV., Jagtap, PS., Dand, NM., Jadhav, KR., Kadam, VJ. Pulsatile drug delivery system: A brief overview. *Research Journal of Pharmacy and Technology*. 5(4), 449-461(2012).[ISSN:0974-3618] (IF 0.14)
- 36) Sawant,SV.,Sankpal, SV., Jadhav, KR., Kadam, VJ. Hydrogel as drug delivery system. *Research Journal of Pharmacy and Technology*. 5(5), 561-69(2012).[ISSN:0974-3618] (IF 0.14)
- 37) Pednekar, PP., Jadhav, KR., Kadam, VJ. Aptamer-dendrimerbioconjugate: a nanotool for therapeutics, diagnosis, and imaging. *Expert Opinion in Drug Delivery*. 9(10),1273-1288(2012).[ISSN: 1744-7593] (IF 5.657)
- 38) Jadhav, KR., Pacharane, SS., Pednekar, PP., Koshy, PV., Kadam VJ. Approaches to stabilize amorphous form-a review. *Current Drug Therapy*. 7(4), 255-262(2012).[ISSN: 2212-3903] (IF 0.14)
- 39) Chilajwar, S., Jadhav, KR., Pednekar, PP., Gupta, G., Kadam, VJ. Cyclodextrin based nanosponges: a propitious platform for enhancing drug delivery. *Expert Opinion in Drug Delivery* 11(1), 111-20(2014).doi: 10.1517/17425247.2014.865013.[ISSN: 1744-7593] (IF 5.657)
- 40) Gupta, G., Pednekar, PP., Jadhav, KR., Chilajwar, S., Kadam, VJ. Non-Viral synthetic siRNA delivery system an efficient tool for cancer treatment. *World Journal of Pharmacy and Pharmaceutical Sciences*.2, (2014).[ISSN:2278-4357] (IF1.04)
- 41) Kasekar, NM., Gupta, G., Jadhav, KR., Kadam, VJ. A review on melatonin – a miraculous drug and its applications. *World Journal of Pharmacy and Pharmaceutical Sciences*. 3(6), 1974-1985(2014). [ISSN:2278-4357] (IF1.04)

- 42) Kasekar, NM., Gupta, G., Jadhav, KR., Kadam, VJ. A Review on colon targeted drug delivery. *World Journal of Pharmacy and Pharmaceutical Sciences*. 3(6), 580-603(2014) [ISSN: 2278-4357] (IF1.04)
- 43) Jagtap, PS., Jadhav, KR., Dand, NM. Formulation and ex vivo evaluation of solid lipid nanoparticles (slns) based hydrogel for intranasal drug delivery. *International Journal of Medical, Health, Pharmaceutical and Biomedical Engineering*. 9(1), 3- 53(2015). [ISSN:]
- 44) Chaudhary, HM., Dutttagupta, AS., Jadhav, KR., Chilajwar, SV., Kadam, VJ. Nanodiamonds as a new horizon for pharmaceutical and biomedical applications. *Current Drug Delivery*. 12(1), 271-281(2015).[ISSN: 1875-5704] (IF2.516)
- 45) Dutttagupta, AS., Chaudhary, HM., Jadhav, KR., Chilajwar SV., Kadam, VJ. Cubosomes: innovative nanostructures for drug delivery. *Current Drug Delivery*. 12(6), 1-12(2015).[ISSN: 1875-5704] (IF2.516)
- 46) Jain, SS., Dand, NM., Jadhav, KR., Kadam, VJ. Comparative study of solid lipid nanoparticle (SLN) and nanostructured lipid carrier (NLC) of carvedilol. *World Journal of Pharmacy and Pharmaceutical Sciences*. 5, 1375-1383(2016). [ISSN:2278-4357] (IF1.04)
- 47) Chaudhary, HM., Jadhav, KR., Kadam, VJ. Formulation and evaluation of nanostructured lipid carrier (NLC) containing glipizide. *World Journal of Pharmacy and Pharmaceutical Sciences* 5, 1424-1437(2016).[ISSN: 2278-4357] (IF1.04)
- 48) Dutttagupta, AS., Jadhav, KR., Kadam, VJ. Development and in vitro evaluation of nanostructured lipid carrier (NLC) of gliclazide. *World Journal of Pharmacy and Pharmaceutical Sciences*.5, 1725-1739(2016). [ISSN:2278-4357]] (IF1.04)
- 49) Karpe, MS., Surve, DH., Jadhav, KR., Kadam, VJ. Development and evaluation of novel tabletted microspheres for controlled release of glimepiride. *Current Drug Therapy*. 11(1), 47-57(2016).[ISSN: 2212-3903](IF 0.41)
- 50) Karpe, MS., Kadam, V., Jadhav, KR., Kadam, VJ. Design, development and characterization of liquid oral sustained release in situ gel formulation of glimepiride. *Applied Clinical Research, Clinical Trials & Regulatory Affairs*. 3(3), 117-126(2016).[ISSN: 2213-4778]
- 51) Godiyal, S., Nihalani, G., Qureshi, R., Jadhav, KR., Kadam, VJ. Development and validation of HPTLC method for estimation of valsartan in bulk and marketed formulation. *Indo American Journal of Pharmaceutical Research*. 6(08),6478-84(2016).[ISSN: 2231-6876]
- 52) Qureshi, R.,Godiyal, S., Jadhav, KR., Kadam, VJ. Wonders of versatile spherulites” *Indo American Journal of Pharmaceutical Research*.6(12), 7140-44(2016).[ISSN: 2231-6876]

Patent Filed:

- 1) Gupta G. JC, Jadhav, KR., Pednekar, PP., Kadam, VJ. "Solid Lipid nanoparticle containing glipizide an effective carrier system for diabetes", 1365/MUM/2014.

Book Chapters

- 1) Shaikh, IM., Jadhav, KR., Kadam, VJ.(2015). Lecithin organogels in enhancing skin delivery of drugs In: N. Dragicevic-Curic, H. Maibach (eds.), *Percutaneous Penetration Enhancers /Chemical Methods in Penetration Enhancement: Drug Manipulation Strategies and Vehicle Effects*, DOI 10.1007/978-3-662-45013-0_21, Springer-Verlag, Heidelberg
- 2) Patil A; Chaudhary H; Jadhav, KR., Kadam, VJ.(2015). Nanotechnology and its implications in therapeutics In: Jitendra Naik (ed.), *Nano based drug delivery*, ISBN:978-953-56942-2-9, DOI:10.5599/obp.8.0.,lapc-Obp.publication.
- 3) Pednekar, PP., Godiyal, S., Jadhav, KR., Kadam, VJ."Mesoporous Silica Nanoparticles: A Promising Multifunctional Drug Delivery System In: (eds)AlexandruMihaiGrumezescu and Anton Ficai, *Nanostructures for Cancer Therapy* ISBN: 978-0-323-46144-3,Elsevier publication

Presentations: (last 5Years)

- 1) Malusare, P., Chilajwar, S., Jadhav, KR., Kadam, VJ, "Therapeutic Applications of Microbubbles" presented at National conference on Nanotechnology in drug discovery research :Innovations, Challenges and Opportunities,SVKM's NMIMS, Mumbai held on 16th and 17 October 2015.
- 2) Godiyal, S., Chilajwar, S., Jadhav, KR., Kadam, VJ, "PAMAM Dendrimers Conjugates with Cyclodextrins as Carriers of DNA and RNA" presented at National conference on Nanotechnology in drug discovery research :Innovations, Challenges and Opportunities, SVKM's NMIMS, Mumbai held on 16th and 17 October 2015.
- 3) Duttaputa, AS., Jadhav, KR., Kadam, VJ, "Development and *In vitro* evaluation of nanostructured lipid carriers (NLCs) of Gliclazide" presented at National conference on Nanotechnology in drug discovery research: Innovations, Challenges and Opportunities, SVKM's NMIMS, Mumbai held on 16th and 17 October 2015.
- 4) Choudhar,i H., Jadhav, KR., Kadam, VJ, "Formulation and Evaluation of a Novel Glipizide Loaded Nanostructured Lipid Carriers (NLCs)" presented at National conference on Nanotechnology in drug discovery research: Innovations, Challenges and Opportunities, SVKM's NMIMS, Mumbai held on 16th and 17 October 2015.

- 5) Chilajwar, S., Jadhav, KR., Kadam, VJ “Formulation, Characterization and Evaluation of Nanostructured Lipid carriers of DL-alpha Tocopheryl Acetate” presented in 19th APTI convention held at Pune during 28th & 30th November 2014.
- 6) Jadhav, KR., “Formulation Development and *Ex Vivo* Evaluation of Microemulsion based Lecithin Organogels for Topical Delivery of Fluconazole” session lecture delivered at 6th International Conference on Drug Discovery and Therapy, February 10th -12, 2014, Dubai, UAE
- 7) Jagtap, PS., Dand, NM., Jadhav, KR., Kadam, VJ. Formulation and *Ex Vivo* Evaluation of Solid Lipid Nanoparticles (SLNs) Based Hydrogel for Intranasal Drug Delivery” has been accepted for presentation at the conference ‘2013 AAPS Annual Meeting and Exposition’ to be held on November 10 - 14, 2013 in San Antonio, TX.

6. Grants received:

Sr.no.	Year	Topic	Agency	Amount
1.	2015-16	Enhancement of bioavailability of a BCS Class II drug	Mumbai University	20,000/-
2.	2013-14	Travel Grant - 6 th ICDDT, February 10 th -12, 2014, Dubai, UAE.	DST	25,000/-
3.	2013-14	Travel Grant - 6 th ICDDT, February 10 th -12, 2014, Dubai, UAE.	Bharati Vidyapeeth	64,000/-
4.	2012-13	Development and evaluation of lipid nanoparticles of a poorly water soluble drug	Mumbai University	20,000/-
5.	2009-10	Formulation and evaluation of porous carrier based floating microspheres for gastric delivery	Mumbai University	18,000/-
6,	2007-08	Design and evaluation of topical microemulsion of a drug	Mumbai University	25,000/-

7. Awards and Achievements:

1. Received “Bharati Vidyapeeth’s Seva Gaurav Award” on occasion of 49th Foundation Day and celebration of Golden Jubilee Year, 10th May 2013.
2. Received ‘Best Teacher Award’ for Academic year 1996-97& 2002-2003
3. Received ‘Best paper award’ for poster presentation at 3rd National symposium on “Frontiers in drug discovery and process research” held at Bharati Vidyapeeth’s College of Pharmacy, Kolhapur, 5 & 6th March, 2011.
4. Received 2nd prize for poster “Challenges in Discovery and Development of Orphan Drugs and Possible Solutions: Indian Scenario" presented in DIA's 49th Annual meeting held in Boston, Massachusetts, USA, June 2013.