

1. Name: Mrs. Manisha S. Karpe**2. Educational qualification:**

Course	Institute	Year of passing
M. Pharm	C. U. Shah College of Pharmacy, SNDT	May 2000
B. Pharm	N.D.M.V.P. college of Pharmacy, Nashik, Pune University	May 1991

3. Experience:

Academic:

Tenure	Post	Institute
16 th August 2008 to till date (9 yrs)	Associate professor	Bharati Vidyapeeth's College of Pharmacy
18 th July 2005 to 15 th August 2008 (3 yrs)	Senior Lecturer	Saraswati Vidya Bhavan's College of Pharmacy
28 th August 2000 to 17 th July 2005 (5 yrs)	Senior Lecturer	Veer mata Hiraben P. Shah College of Pharmacy

Industrial:

Tenure	Post	Institute
19 th December 1994 to 17 th July 1997	Junior Production Executive	Charak Pharmaceuticals
16 th December 1993 to 15 th April 1994	Assistant Chemist	Maxheal Pharmaceuticals

4. Students guided till date:

M. Pharm	Ph. D.
15	-

5. Publications:

- 1) Mali,N., Jadhav, S., Karpe,M., Kadam,V. Carbon nanotubes as carriers for delivery of bioactive and therapeutic agents : an overview. International Journal of Pharmacy and Pharmaceutical Sciences, 3(3),45-52(2011) [ISSN:0975-1491]
- 2) Jadhav,S., Morey,P., Karpe,M., Kadam ,V.Dip pen nanolithography. American journal of pharmtech research, 2(4), 149 to 168(2012) [ISSN:2249 -3387]
- 3) Jadhav,S.,Morey,P.,Karpe,M.,Kadam,V.RP-HPLC Method Development and Validation for Determination of Atenolol in Bulk Drug, Research J. Pharm. and Tech. 6(7), 736-739 (2013) [ISSN:0974-3618].
- 4) Morey,P.,Jadhav,S., Karpe,M .,Kadam,V. Nano Gold particles - A milestone in oncology, International Journal of Pharmaceutical, Chemical and Biological sciences, IJPCBS 2013, 3(3), 659-671(2013) [ISSN: 2249-9504].

- 5) Mungekar, S., Patel,V., Jadhav,N., Karpe,M., kadam,V. Microchip: new era of drug delivery device ,World journal of pharmacy and pharmaceutical sciences .2(6),4799-4814(2013) [ISSN: 2278 – 4357].
- 6) Jadhav,N., Patel,V., Mungekar,S., Karpe,M., Kadam, V.Microsponge delivery system: an updated review, current status and future prospects.World Journal of Pharmacy and Pharmaceutical sciences. 2(6),6463-6485 (2013)[ISSN: 2278 – 4357].
- 7) Karpe,M., Kadam,M., Mali,N., Patel,V., Jadhav,N. Formulation and evaluation of topical delivery of antifungal drug bifonazole using microemulsionbased gel formulations . World Journal of Pharmacy and Pharmaceutical sciences. 2(6), 6405-6422(2013)[ISSN: 2278 – 4357].
- 8) Bhamare,G., Karpe M., Kadam V. Virosome – drug and vaccine delivery system, World Journal of pharmacy and pharmaceutical sciences.3(10),437-447(2014). [ISSN:2278-4357]
- 9) Jadhav, N.,Karpe,M., Kadam, V. Gold Nanoshells:A Review on its preparation characterization and applications,World Journal of pharmacy and pharmaceutical sciences, 3(12)1679 – 1691 [ISSN:2278-4357]
- 10) Karpe M., Kadam, V. Design of Gastroretentive Floating Bilayer Tablets of Metformin and Glimepiride . Research J. Pharm. and Tech, 8(1) 6 -11 (2015) [ISSN:0974 -3618]
- 11) Karpe, M.,Mohite P.,Surve D.,Kadam ,V. Bacterial Therapy: A novel approach for cancer treatment,World Journal of Pharmacy and Pharmaceutical sciences, 4(03)1386 – 1397(2015)[ISSN:2278-4357]
- 12) Karpe, M., Mohite,P., Kadam,V. HPLC Method Development And Validation for Estimation of Eperisone Hydrochloride from Bulk And Dosage Form,Journal of Applicable Chemistry , 4 (6),1766-1773(2015)) [ISSN:2278-1862]
- 13) Karpe , M. ,Jadhav, N., Mali, N., Kadam,V. Comparison of in vitro antifungal studies of different bifonazole formulations with marketed Bifonazole formulation.International journal of Pharmaceutical chemistry and analysis 2(4),182-186, (2016) [ISSN:2394-2789].
- 14) Karpe, M., Kadam, V., Kadam,V. HPTLC method development and validation of olmesartan medoxomil in bulk and marketed formulation Indo American journal of pharmaceutical Research. 6(3),4883-4890,(2016) [ISSN NO: 2231-6876].
- 15) Karpe, M.,Jadhav,N.,Bagade,S., Kadam,V.Formulation and evaluation of topical microsponge based gel of bifonazole. Indo American journal of pharmaceutical Research Indo American journal of pharmaceutical Research 6(04), 5307 – 5319,(2016) [ISSN: 2231-6876].
- 16) Karpe,M.,Awasare,S.,Upadhye,T.,Pawar,Y.,Damle,A., Rajan,M., Jadhav,K., Kadam,V.,*In vitro* dissolution and *in vivo* gamma scintigraphic evaluation of gastro retentive Metformin tablets.World Journal of Pharmaceutical Research. 5 (6) 1317 - 1325,(2016).[ISSN:2277-7105]
- 17) Karpe, M.; Surve, D.; Jadhav, K.; Kadam, V. Development and Evaluation of Novel Tabletted Microspheres for Controlled Release of Glimepiride.Current Drug Therapy. 11(1),47 -57, (2016) [ISSN:1574 -8855].
- 18) Kadam , V. ;Patel,V.; Karpe ,M.; Kadam ,V. Design, Development and Evaluation of Celecoxib-Loaded Microsponge-Based Topical Gel Formulation. Applied Clinical Research, Clinical Trials & Regulatory Affairs. 3, 44-55,(2016). [ISSN:2213- 476X].

- 19) Surve,D.; Mohite,P.; Karpe,M.; Kadam,V. Molecularly Imprinted Polymers: Novel Discovery for Drug Delivery.Current drug delivery.13(5),632-645,(2016).[ISSN:1567-2018].
- 20) Karpe ,M.;Kadam ,V.;Jadhav, K.; Kadam ,V. Design, Development and Characterization of Liquid Oral Sustained Release *in situ* Gel Formulation of Glimepiride. Applied Clinical Research, Clinical Trials & Regulatory Affairs. 3(2),117-126,(2016).[ISSN:2213- 476X]
- 21) Kadam, V; Bagde, S.; Karpe,M., Kadam,V .A Comprehensive Overview on Biosimilars. Current Protein & Peptide Science.17(8),756-781, (2016).[ISSN : **1389-2037**].
- 22) Karpe ,M.,Chavan ,R. ,Dalvi ,K,Kadam ,V. Formulation and evaluation of lipstick using natural colorants. Indo American Journal of Pharmaceutical Research, 7(3),7798 – 7803 (2017). [ISSN NO: 2231-6876].
- 23) Karpe,M., Kumbhar,M., Tupe,R., Bhamare, G., Kadam,V. Formulation, Optimization and Characterization of Gastro-retentive Troxipide Microspheres International Journal of Pharmaceutical Chemistry and Analysis, 3(3),133-142 ,(2016). [ISSN:2394-2789].
- 24) Karpe,M.,Pawar Y.,Awasare S.,Damle A.,Intragastric administration of radioactive tablet Under the influence of anesthesia for gastroretentive study in Newzealand White rabbit.Journal of Laboratory Animal Science.4-6,(2017). [ISSN:0023-6772].
- 25) Mali,N., Karpe,M., Kadam ,V. A review on biological matrices and analytical methods used for determination of drug of abuse.Journal of Applied Pharmaceutical Science .01(06), 58 -65 (2011) [ISSN:2231-3354]
- 26) Jadhav,S.,Morey,P., Karpe,M., Kadam,V. Novel vesicular system: an overview Journal of Applied Pharmaceutical Science. 02(01),193-202(2012) [ISSN:2231-3354].
- 27) Karpe,M., Mali N., Kadam ,V.Formulation Development and Evaluation of Acyclovir Orally Disintegrating Tablets. Journal of Applied Pharmaceutical Science 02 (03) 101-105 (2012). [ISSN:2231-3354].
- 28) Morey, P., Karpe,M., Jadhav,S., Kadam ,V. Biomarkers in oncology.Journal of Applied Pharmaceutical Science. 02 (03), 101-105(2012). [ISSN:2231-3354].
- 29) Morey,P., Jadhav,S.,Karpe,M.,Kadam,V.Micro Electro Mechanical Systems American J Pharm Tech Res.;2(5),35- 50(2012) [ISSN NO: 2231-6876].
- 30) Tupe, R., Gade, S.,Karpe, M., Kadam, V. Drug eluting stents and balloons.Indian Journal of Drugs, 5(1), 37-48 (2017). [ISSN NO: 2348-1684]

6. Presentations:

- 1) Karpe M., Gade S., Jadhav N., Karpe M., Kadam V. "Preparation and characterisation of floating microsphere of Eplerenone" at the conference organised by CRS on 19 -20th February 2016.
- 2) Karpe M., Tupe R., Bhamre G. , Kadam V. "Microspheres of troxipide" at the conference organised by CRS on 19 -20th February 2016.
- 3) Karpe M., Bagade S., Surve D., Kadam V. "Formulation and Evaluation of topical nanostructured lipid carrier for musculoskeletal disorder" at the conference organised by CRS on 19 -20th February 2016.

- 4) Karpe M., Kadam V., Jadhav K., Kadam V. "Development and characterization of liquid oral sustained release *in situ* gel formulation of Glimepiride" at the conference organised by CRS on 19 -20th February 2016.
- 5) Karpe M., P. Mohite, Mungekar S., Patel V., Kadam V. "Formulation and evaluation of microparticulate microsp sponge system for the treatment of rheumatoid arthritis" at the conference organised by CRS on 22-23rd February 2015.
- 6) Karpe M., Surve D, Jadhav K ,Kadam V."Formulation, Physicochemical and pharmacokinetic evaluation of polymeric microsphere containing orally disintegrating tablets for treatment of diabetes and comparison with marketed product" at the conference organised by CRS on 22-23rd February 2015.
- 7) Karpe M., Kadam V., Patel V., Kadam V."Formulation and evaluation of topical microsp sponge based gel of Celecoxib for the treatment of rheumatoid arthritis" at the conference organised by CRS on 22-23rd February 2015.
- 8) Karpe M., Jadhav N, Bagade S, Kadam V. "Formulation and evaluation of topical microsp sponge based gel for the treatment of dermatophytose" in National conference on Nanotechnology in Drug Delivery research: Innovations, challenges & opportunities (NCNDDR)-2015 held at SVKM's MIMS, Mumbai on October 16-17,2015.
- 9) Karpe M., Surve D., Mohite P., Kadam V.J "Bacteria as anticancer agent: An emerging strategy in genetic engineering" in the Pharmameet 8th Feb 2014, a national conference on 'An insight into Pharmaworld' held at MIT CON institute of management, Pune.
- 10) Karpe M., Surve D., Mohite P., Kadam V.J "Molecularly imprinted polymers." at the international workshop on 'Research writing skills – Publish or perish' ICT-ARAP on 12-13 November 2013.
- 11) Karpe M., Morey P., Jadhav S , Kadam V.J. "Influence of concentration of ethyl cellulose on in vitro release of Metoclopramide HCl from floating sustained release microspheres" at the international annual symposium of DISSO INDIA 2013on 3rd & 4th May 2013.
- 12) Karpe M., Patel V., Jadhav N., Kadam V. "Formulation and Evaluation of topical microemulsion based gel for the treatment of tinea pedis and comparison with marketed product" at the conference organised by CRS on 22-23rd Jan.2013.
- 13) Karpe, M., Patel V., Jadhav, N., Kadam V. "Formulation and Development of gastroretentive bilayer tablet for biphasic drug release" at the conference organised by CRS on 22-23rd January, 2013.
- 14) Karpe M., Mali N., Kadam V. "Formulation development and evaluation of novel anti-fungal microemulsion based gel for topical application", at "Indo-US Joint symposium on Nanomedicines: Prospects and Challenges", held at ICT Mumbai on 14th – 15th November, 2011.

7. Grants received:

Sr. no	Year	Topic	Agency	Amount in Rs
1	2011-12	Formulation and evaluation of topical microemulsion based gel for the treatment of tinea pedis and comparison with marketed product”.	Mumbai university	20,000
2	2014 -15	“Formulation and evaluation of novel topical lipid nanoparticle (LNP) based system”	Mumbai university	28,000

8. Awards and Achievements:

Received certificates for 100% result in Cosmetology in 2009-10, 2010-11, 2011-12, 2012-13 and 2014-15.