

**1. Name: Mrs. Swati R. Dhande**

**2. Educational qualification:**

Course	Institute	Year of passing
M. Pharm (Pharmacology)	Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai	March 2007
B. Pharm	Bombay college of Pharmacy, Mumbai	May 2004

**3. Experience:**

Academic:

Tenure	Post	Institute
From December 2009 to till date	Assistant Professor	Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai
November 2006 to November 2009	Lecturer	Rahul Dharkar College of Pharmacy and Research Institute, Karjat

**4. Students guided till date:**

M. Pharm	Ph. D.
16	--

**5. Publications:**

- 1) Dhande, S., Lokegaonkar D., Bhutkar, S. Effect of *Gymnema sylvestre* on the Pharmacokinetics of Sitagliptin Phosphate in Type II Diabetes Mellitus. International Journal of Pharmaceutical Sciences & Research 2017, 8(3), 1160-1167. ISSN: 2320-5148.
- 2) Dhande S. R\*, Bhutkar S. P. and Mahadik J. V. Effect of Haritaki Churna On Cardioprotective Action of Arjuna in Isoproterenol Induced Myocardial Infarction in rats. Indian drugs. 2017, 54 (01), 41-48. ISSN: 0019-462X
- 3) Jadhav, V., Dhande, S., Kadam, V. Cosmetics side effects. World Journal of Pharmacy and Pharmaceutical Sciences, 2016, 6(1), 327-343. ISSN: 2278-4357.
- 4) Khedkar, P., Dhande, S., Kadam, V. Molecular cloning from DNA to drug discovery and development. World Journal of Pharmacy and Pharmaceutical Sciences, 2016, 6(1), 344-352. ISSN: 2278-4357.
- 5) Dhande, S., Patil, A.\* and Kadam, V. Study of Effect of Supplementation of Zingiber officinale on Pharmacokinetic Profile of Sitagliptin Phosphate on Streptozotocin Induced Type II DM Rat Model. PharmaTutor, 2015, 3(12), 40-45. ISSN: 2347 – 7881.

- 6) Dhande, S\*., Bhutkar, S., Wadke, P. Study of Pharmacokinetic Interaction of Arjuna with Haritaki and Aloe Vera. *World Journal of Pharmacy and Pharmaceutical Sciences*, 2016, 5 (6), 1826-1834. ISSN: 2278 – 4357.
- 7) Dhande, S\*., Lokegaonkar, D., Kadam, V. Dark Chocolate- A Tempting Drug, *European Journal Pharmaceutical and Medical Research*, 2015, 2 (4), 550-563. ISSN 3294-3211.
- 8) Dhande, Swati\*., Shete, S., Kadam, V. An Insight in to Phytosterols: A Review on its Benefits and Potential Concerns. *International Journal of Current Research*, 2015, 7(7), 17912-17919. ISSN: 0975-833X.
- 9) Dhande, S\*., Patil, A., Lokegaonkar, D., Kadam, V. Study of Pharmacodynamic Interaction of Sitagliptin, *Gymnema Sylvestre*, *Zingiber Officinale* on Experimental Rat Model. *International Journal of Pharmacy and Pharmaceutical Research*, 2015, 3 (3), 204-217. ISSN: 2349-7203.
- 10) Dhand S., Patil, S., Wadke P. Study of Antimicrobial, Antifungal, and Anthelmintic Activity of the Essential Oil Extracted From *Blumea Eriantha*. *International Journal of Pharmacology and Therapeutics*, 2015, 5(4), 1-7. ISSN: 2249 – 6467.
- 11) Dhande, S., Mahadik, J., Joshi, Y.\*., Kadam, V. Mesotherapy: An Overview, *Indo American Journal of Pharmaceutical Research*, 2015, 5(4), 1423-1431. ISSN: 2231-6876.
- 12) Dhande, S\*., Bhutkar, S., Kadam, V. Concise Review on Fluorescence Spectroscopy – A Commonly Utilized Technique in Study of Drugs-Protein Interaction, *International Journal of Pharma Sciences and Research*, 2015, 6(5), 927-933. ISSN: 0975-9492.
- 13) Dhande, S\*., Wadke, P., Kadam, V. Nerve Growth Factor as Potential Target in Central Nervous System Disorders: A Review. *World Journal of Pharmaceutical Sciences*, 2015 ,3 (6), 1087-1094. ISSN: 2321-3086.
- 14) Dhande, S\*., Gursahani, M., Lokegaonkar, D., Kadam, V. Health Practitioners' View On Concomitant Use of OTC and Prescription Drugs: A Survey Report. *International Journal of Universal Pharmacy and Bio Sciences*, 2015, 4(3), 38-51. ISSN: 2319-8141.
- 15) Dhande, S\*., Gursahani, M. Carbonic Anhydrases: Novel Targets for Anticancer Drugs. *International Journal of Pharmaceutical Sciences and Research*, 2015, 6(6), 2311-2315. ISSN: 0975-8232.
- 16) Kaikini, A\*., Dhande, S., Kadam, V. Antihyperlipidemic Activity of Methanolic Extract of Leaves of *Bambusa Bambos* Druce Against Poloxamer-407 Induced Hyperlipidemia in Rats, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2015, 7(2), 393-398 . ISSN: 0975-1491.

- 17) Dhande, S.\*, Gursahani, M., Kadam, V. Standardisation of Cholesterol Suspension Induced Hyperlipidaemia in Rats. *World Journal of Pharmacy and Pharmaceutical Sciences*, 2014, 3(12), 1107-1123. ISSN: 2278 – 4357.
- 18) Dhande, S\*., Chaube, H., Kadam, V. Viruses and Human Cancer: From Causality to Cure, *Indo American Journal of Pharmaceutical Research*, 2014, 4(10), 3960-3970. ISSN: 2231-6876.
- 19) Dhande, S\*., Gandhi, P., Kadam, V. Potential Role of PI3kinase in Cancer Treatment. *World Journal of Pharmacy and Pharmaceutical Sciences*, 2014, 3 (8), 1440-1451. ISSN: 2278 – 4357.
- 20) Gandhi, P., Dhande, S.\*, Kadam, V. Analytical Method Development for Simultaneous Estimation of Atorvastatin Calcium & Sitagliptin Phosphate by Rp - Hplc Method, *Indo American Journal of Pharmaceutical Research*, 4 (3), 1548-1554 (2014). ISSN: 2231-6876.
- 21) Dhande, S\*., Dongare, P., Kaikini, A., Patil, K., Kadam, V. *In-Vitro* Antioxidant and Thrombolytic Activities of Medicinal Plants. *International Journal of Universal Pharmacy and Bio Sciences*, 2014 3(1), 78-87. ISSN: 2319-8141.
- 22) Patil, K.\*, Dhande, S., Kadam, V. Antihyperlipidemic and Antioxidant Activity of Aerial Parts of *Swertia Chirata* (Buch-Ham) In Poloxamer 407 Induced Hyperlipidemic Rats, *International Journal of Phytopharmacology*, 2014,5(3), 221-226. ISSN 0975 – 9328.
- 23) Dongare, P.\*., Dhande, S., Kadam, V. A Review on *Pogostemon patchouli*, *Research Journal of Pharmacognosy and Phytochemistry*, 2014, 6 (1), 41-47. ISSN: 0975-4385.
- 24) Dhande, S.\*., Kaikini, A., Patil, K., Kadam, V. Antihyperlipidemic Activity of *Bambusa Bambos* (Druce.) and *Swertia Chirata* (Buch-Ham) in Cholesterol Suspension Induced Hypercholesterolemia in Rats, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2014,6(1), 607-610. ISSN: 0975-1491.
- 25) Salvi, V.\*., Joshi, Y., Dhande, S., Kadam, V. A Review on *Ficus Hispida*. *Research Journal of Pharmacognosy & Phtochemistry*, 2013, 5 (3), 149-154. ISSN: 0975-4385.
- 26) Dhande, S., Patil, K.\*, Kadam, V. Therapeutic *Swertia Chirata* – An Overview. *Research Journal of Pharmacognosy and Phytochemistry*, 2013, 5 (4), 199-208. ISSN: 0975-4385.
- 27) Dhande, S., Shah, P.\*., Joshi, Y., Kadam, V. A Review on *Cucuminus Sativus* (Cucumber). *Research Journal of Pharmacognosy and Phytochemistry*, 2013, 5 (2), 49-53. ISSN: 0975-4385.
- 28) Dhande, S., Gaikwad, K., Joshi, Y., Kadam, V. Protective Effect of *Adiantum Capillus* Against Chemically Induced Oxidative Stress by Cisplatin. *Journal of Applied Pharmaceutical Science*, 2013, 3(2), 69-76). ISSN 2231-3354.

29) Dongare, P.\*, Dhande, S., Shah, P., V. Kadam. Antihepatotoxic Activity of *Pogostemon patchouli* Against Alcohol-Induced Hepatotoxicity in Rats, International Journal of Advanced Research, 2013, 1(9), 225-234. ISSN 2320-5407.

#### 6. Presentations:

1. Sneha, K., Bhutkar S., Dhande, S. Study of pharmacodynamic interaction of arjuna with haritaki churna, poster presentation at pharmazest 2017 organized at Dr. L. H. Hiranandani College of Pharmacy, Ulhasnagar February 2017.
2. Chaudhary, P., Gandhi, P., Dhande, S. Interaction of Sitagliptin phosphate and atorvastatin calcium in streptozotocin and high fat diet induced diabetes mellitus 2 rat model, poster presented at one day national seminar on Diabetes: Bench to bedside at prin. KMK College of Pharmacy, Mumbai January 2017.
3. Jadhav, V., Kaikini, A., Dhande, S. Evaluation of anti-hyperlipidemic activity of herb, poster presentation at 2-day National symposium on Current scenario of pharmacological experimentation and interpretation at prin. KMK College of Pharmacy, Mumbai September 2016.
4. Khedkar, P., Bhutkar S., Dhande, S. Study of pharmacokinetic interaction of arjuna with haritaki churna, poster presentation at 2-day National symposium on Current scenario of pharmacological experimentation and interpretation at prin. KMK College of Pharmacy, Mumbai September 2016.
5. Jadhav, V., Lokegaonkar, D., Dhande, S. Kadam, V. Study of Pharmacodynamic Interaction of Zingiber Officinale and Sitagliptin On Experimental Rat Model, poster presentation at One-day Seminar entitled "Selective Approaches in Pharmaceutical Chemistry and Drug Discovery" organized by Bharati Vidyapeeth's College of Pharmacy, on March 2016.
6. Wadke, P., Dhande, S., Kadam, V. In-Vitro Antioxidant and Thrombolytic Activities of Medicinal Plants, poster presentation at One-day Seminar entitled "Selective Approaches in Pharmaceutical Chemistry and Drug Discovery" organized by Bharati Vidyapeeth's College of Pharmacy, on March 2016.
7. Bhutkar, S., Gandhi, P., Dhande, S., Kadam, V. Analytical Method Development for Simultaneous Estimation of Atorvastatin Calcium & Sitagliptin Phosphate by RP- HPLC Method, poster presentation at One-day Seminar entitled "Selective Approaches in Pharmaceutical Chemistry and Drug Discovery" organized by Bharati Vidyapeeth's College of Pharmacy, on March 2016.
8. Bhutkar, S., Patil, A., and Dhande, S. Study of Pharmacodynamic Interaction of Zingiber Officinale and Sitagliptin On Experimental Rat Model, poster presented at International

Conference on Advances in Asian Medicine. Symposium on Ethnopharmacology – Validation of Traditional Medicine, at The Orchids, Pune 411 045, Jan. 2016.

9. Wadke, P., Patil, S., Dr. Jadhav, A., Dhande, S. Study of Antimicrobial, Antifungal and Anthelmintic Activity of the essential oil extracted from *Blumea erintha*, poster presented at International Conference on Advances in Asian Medicine. Symposium on Ethnopharmacology – Validation of Traditional Medicine, at The Orchids, Pune 411 045, Jan. 2016.
10. Mahadik, J., Patil, S., Dhande, S., Kadam, V. Chemometrics: Reduced Hurdles in Authentication of Herbs and Its Formulation, poster presentation at 1-day National seminar on Sophisticated analytical techniques in Pharmaceutical Industry: An overview at Yadavrao Tasgaonkar Institute of Pharmacy, Bhivpuri Sept 2015. (Won Second Prize)
11. Khedkar, P., Patil, S., A., Mundada, S., Dhande, S. Antimicrobial Screening of Isolated Oleanolic Acid from A Parasitic Plant, poster presentation at 1-day National seminar on Recent breakthrough innovations in pharmaceutical research with future perspectives at HK college of Pharmacy, Jogeshwari Oct 2015.
12. Jadhav, V., Lokegaonkar, D., Dhande, S., Kadam, V. Study of Pharmacodynamic Interaction of *Gymnema Sylvestre* and Sitagliptin On Experimental Rat Model, poster presentation at 1-day National seminar on Recent breakthrough innovations in pharmaceutical research with future perspectives at HK college of Pharmacy, Jogeshwari Oct 2015. (Won Consolation Prize)
13. Bhutkar, S., Wadke, P., Dhande, S., Kadam, V. Cancer Vaccines: Newer Oncology Asset, poster presentation at 2 days National conference on Transational research oncology from benchside to bedside at Anjuman-I-Islam's School of Pharmacy, Kalsekar technique campus, New Panvel September 2015.
14. Wadke, P., Bhutkar, S., Dhande, S., Kadam, V. PCOS: Starting Point for Cancer, poster presentation at 2 days National conference on Transational research oncology from benchside to bedside at Anjuman-I-Islam's School of Pharmacy, Kalsekar technique campus, New Panvel September 2015.
15. Khedkar, P., Shete, S., Dhande, S., Kadam, V. Evaluation of Anti-Angiogenic Potential of *Parkia Biglandulosa* (Mimosae) by Developmental Angiogenesis Assay, poster presentation at 2 days National conference on Transational research oncology from benchside to bedside at Anjuman-I-Islam's School of Pharmacy, Kalsekar technique campus, New Panvel September 2015.

16. Jadhav, V., Shete, S., Dhande, S., Kadam, V. Comparative Effect of Crude Extract of *Parkia Biglandulosa* (Mimosae) and Its Isolate on Regenerative Angiogenesis in Adult Zebrafish Model, poster presentation at 2 days National conference on Transational research oncology from benchside to bedside at Anjuman-I-Islam's School of Pharmacy, Kalsekar technique campus, New Panvel September 2015. (Won First Prize)
17. Gursahani, M., Dhande, S., Lokegaonkar, D., Kadam, V. "Self medication with OTC products: Can be life threatening- A survey." poster presented at 6th International Conference on Drug Discovery & Therapy at Dubai Women's college, U.A.E. Feb 2014.
18. Chaube, H., Dhande, S., Uppuluri, L., Kadam, V. Trojan Horse Therapy for Cancer. Oral presentation at Present trends & future prospects in Pharmaceutical Sciences at International Conference on Pharmaceutical Sciences, SGRRIT & S, Dehradun (Uttarakhand) Feb 2014.
19. Patil, A., Dhande, S., Kadam, V. Grape Phytochemicals: A bouquet of nutraceuticals for human health. poster presentation at 2 Days National Symposium on Phyto-zoo-medicine & Ayush Therapy at OCP, Navi Mumbai Feb 2014.
20. Shete, S., Dhande, S., Kadam, V. Swarnabinduprashana: A boon for kids, poster presentation at 2 Days National Symposium on Phyto-zoo-medicine & Ayush Therapy at OCP, Navi Mumbai Feb 2014.
21. Lokegaonkar, D., Dhande, S., Kadam, V. Clinical Trials for Herbal Formulations: Need of Hour, poster presentation at 2 Days National Symposium on Phyto-zoo-medicine & Ayush Therapy at OCP, Navi Mumbai Feb 2014.
22. Gandhi, P., Dhande, S., Kadam, V. Analytical Method Development for Simultaneous Estimation of Atorvastatin Calcium and Sitagliptin Phosphate by RP-HPLC Method, poster presentation at 2nd Nirma Institute of Pharmacy International Conference at NIP, Vadodara Jan 2014.
23. Kaikini, A., Dhande, S., Kadam, V. Methanolic extract of leaves of *Bambusa bambos* (Druce.) in the prevention of atherothrombotic complications: A mechanistic approach, oral presentation at 46th Annual Conference of Indian Pharmacological Society at NIMHANS convention centre, IPSCON-Bangalore Dec 2013.
24. Gursahani, M., Dhande, S., Kadam, V. Egg Yolk and Cigarette: Equally Responsible for Atherosclerosis," presented at International workshop on Research writing Skills- Publish or Perish (AWARDED AS BEST POSTER PRESENTATION) organized by Association of pure and applied pharmacology at Institute of Chemical Technology- Mumbai, Nov 2013.

25. Lokegaonkar, D., Dhande, S., Kadam, V. Dark chocolate: A Tempting Drug, presented at International workshop on Research writing Skills- Publish or Perish organized by Association of pure and applied pharmacology at Institute of Chemical Technology- Mumbai, Nov 2013.
26. Patil, K., Dhande, S., P Shah, Kadam, V. Standardization of Carbon Tetrachloride and Ethanol Induced Hepatotoxicity Model, poster presentation at proceedings of International Conference On Emerging Trends in Chemical and Pharmaceutical Sciences at Anantapur, Andra Pradesh, June 2013.
27. Dongare, P., Dhande, S., Kadam, V. Antithrombotic and Thrombolytic Activity of Hemidesmus Indicus, poster presentation at proceedings of International Conference On Emerging Trends in Chemical And Pharmaceutical Sciences at Anantapur, Andra Pradesh, June 2013.
28. Shah, P., Dhande, S., Joshi, Y., Kadam, V. Hepatoprotective Activity of Methanolic Extract of Cucumis Sativus in Ethanol Induced Hepatotoxic Rat Model, poster presentation at proceedings of International Conference On Emerging Trends in Chemical and Pharmaceutical Sciences at Anantapur, Andra Pradesh, June 2013.
29. Patil, A., Dhande, S., Gandhi, P., Kadam, V. Drug-Drug Interactions in the Metabolic Syndrome and A Rational Approach to Multidrug Therapy, presented at AICTE sponsored Advances in bioanalytical techniques (NCABT- 2013) at Poona college of Pharmacy, Erandwane, Pune.
30. Lokegaonkar, D., Dhande, S., Gursahani, M., Kadam, V. Solution to Dental Drug Interaction Dilemma: Need of The Hour, presented at AICTE sponsored Advances in bioanalytical techniques (NCABT- 2013) at Poona college of Pharmacy, Erandwane, Pune.
31. Gandhi, P., Dhande, S., Patil, A., Kadam, V. Role of Cytochrome P450 in Oral Antidiabetic Multiple Therapy, presented at AICTE sponsored Advances in Bioanalytical Techniques (NCABT- 2013) at Poona college of Pharmacy, Erandwane, Pune.
32. Gursahani, M., Dhande, S., Lokegaonkar, D., Kadam, V. Kayamchurna, An Efficacious Laxative Can Have Fatal Interactions with Prescription Drugs, oral presentation at AICTE sponsored Advances in bioanalytical techniques (NCABT- 2013) at Poona college of Pharmacy, Erandwane, Pune.
33. Dhande, S. Investigation of Secondary Metabolite from Medicinal Plant for Treatment of Thrombosis, at Mumbai University, Kalina, March 2013.
34. Patil, K., Dhande, S., Kadam, V. Selectin: Emerging Target for Cancer Drug Delivery, poster presentation at 45th Annual conference of IPS (IPSCON-2012), Nagpur, January, 2013.

35. Kaikini, A., Dhande, S., Kadam, V. Anti-atherosclerotic and anti-thrombotic activity of Hemidesmus indicus, Oral Presentation at 45th Annual Conference of IPS (IPSCON-2012), Nagpur, January, 2013.
36. Gandhi, P., Dhande, S., Kadam, V. Encephalitis and Its Current Trends, poster presented at Recent Strategies in CNS Drug Development, ICT, Mumbai in 2012.
37. Gursahani, M., Dhande, S., Kadam, V. Accelerating Drug Discovery for Alzheimer's Disease, poster presented at Recent Strategies in CNS Drug Development, ICT, Mumbai in 2012.
38. Patil, K., Dhande, S., Kadam, V. Transational Research - CNS Drug Development, poster presented at Recent Strategies in CNS Drug Development, ICT, Mumbai in 2012.
39. Kaikini, A., Dhande, S., Kadam, V. Anxiety and Depression: Two Sides of the Same Coin, poster presented at Recent Strategies in CNS Drug Development, ICT, Mumbai in 2012.
40. Deorukhakar, S., Vohra, R., Kadam, V. In Vitro Anti-Oxidant Screening of Durva, poster presented at 2nd International Symposium on Drug Discovery and Process Research (DDPR), Belgaum in 2006.

#### 7. Grants received:

Sr. no	Year	Topic	Agency	Amount
1	2014-15	To study herb-drug interaction	Mumbai University Minor Research Grant	RS. 32,000/-
2.	2011-12	Investigation of secondary metabolite from medicinal plant for treatment of thrombosis	Mumbai University Minor Research Grant	Rs. 20,000/-