

S.V.B Pharmacy Faculty



Dr. (Ms). CHHAYA GADGOLI

Designation	Professor, HOD Pharmacognosy and Phytochemistry
Qualification	M. Pharm; Ph. D
Ph. D	1996
M. Pharm Academic Year	1991
Institution	Pharmacy Department, M. S. University of Baroda
B. Pharm Academic Year	1988
Institution	Prin. K. M. Kundnani College of Pharmacy
Experience	20 years of Teaching, 3 years of Research, 1 year of Industry.
Awards and Recognition	<p>Recently honoured by ABP NEWS National Education with Best Professor in Pharmacognosy award on 6th July, 2017</p> <p>Previously bagged Best Research Guide Award by Rajnibhai V. Patel Institute at the hands of Dr. A P J Abdul Kalam, the former President of India. Topic: Studies on Napthaquinone derivatives as Phytopharmaceuticals.</p> <p>Awarded National Merit Scholarship for the recognition of high position in the list of meritorious candidates qualifying for the awards in Maharashtra.</p> <p>Recipient of Scholarship awarded by the Government of India for 18 months (September 1998 to February 1990) during M. Pharm. Sci. Course.</p> <p>Recipient of Senior Research Fellowship awarded by The Council of</p>

	<p>Scientific and Industrial Research (CSIR)for two years (March 1993 – March 1995).</p> <p>Recipient of Alumni Achiever’s Award , conferred by the Principal, Staff and the Management of Hyderabad Sind National Collegiate Board on February 3, 2003</p> <p>Recipient of IRF Overseas Travel Grant of Rs. 50,000/- towards attending and presenting two research papers in Annual Meet and Convention of American Association of Pharmaceutical Scientists held at San Antonio, Texas, USA on October 29- November 2, 2006.</p> <p>Received Travel Grant (Rs. 1,00,000/-)from All India Council for Technical Education (AICTE) for presenting papers in PHYTOPHARM -2011 , organized in Nuremberg, Germany from July 25-27, 2011.</p> <p>The innovation entitled, "Herbal Lipsticks" is listed in top 10 innovations in the India Innovation Initiative National Fair – organized by CII, DST and Agilent Technologies on November 22, 2010.</p> <p>The business plan for the project won The First Prize in the competition entitled "Metamorphosis 2012" conducted by Indian School of Business and IKP, Hyderabad</p> <p>Received Silver Medal in Avishkar 2012 – a state level research convention for the project "Antiangiogenic Effects of Carotenoids from Nyctanthes arbortristis" held at Shivaji University, Kolhapur, on January 14, 2012</p> <p>Awarded National Level The Best Innovative Thesis Award at the competition R V Patel M. Pharm. Thesis Competition 2012 – 2013, for the thesis entitled "Studies on Naphthaquinone Derivatives as Phytopharmaceuticals".</p>
<p>Research Publications</p>	<ol style="list-style-type: none"> 1. Chhaya Gadgoli and C.I.Jolly, "Starch from <i>Musa paradisiaca</i> " Ind. J. Pharm. Sci., 1990, Jan- , 36-38. 2. Chhaya Gadgoli , M. S. Sarang and C. I. Jolly, "Single Cell Protein Production from Peels of <i>Musa paradisiaca</i> Res. Ind. , 1992, 37, 18-20. 3. Chhaya Gadgoli, S.H. Mishra, "Preliminary Antihepatotoxic Activity of <i>Achillea millefolium</i>, <i>Cichorium intybus</i> and <i>Capparis spinosa</i>", Fitoterapia, 1995,56(4),319-322. 4. Chhaya Gadgoli , S.H. Mishra, "Antihepatotoxic Activity of p-methoxybenzoic acid from <i>Capparis spinosa</i> ,"J.Ethnopharmacology , 1999, 66(2), 187-192. 5. Chhaya Gadgoli and S.H .Mishra , " Antihepatotoxic Activity of <i>Cichorium intybus</i>", J. Ethnopharmacology ,1997, 64, 131-134. 6. K. S. Rao, Chhaya H.G. and S.H. Mishra , " Evaluation of Certain Plants as Hepatoprotective Medicines", Vanaushadhi Sarsangrah : Compendium of Phytomedicines, the Conference and Exhibition on Medicinal Plants and Medicines based on Plants 1997, February 21-22, 294-296. 7. Chhaya Gadgoli, Priya Gaonkar, Vineeta Khanvilkar and Rajani Shettigar,

- "Spectrophotometric Determination of Glucosamine Sulphate" **Ind. J. Pharm. Sci.**, 2006, 68(1), 83-84.
8. Omkar Amrite, Jeeja Thurackal and **Chhaya Gadgoli**, "Evaluation of Antiinflammatory Activity of *Nyctanthes arbor-tristis* and *Onosma echioides*" **Pharmacog. Mag.**, 2006, 2(8), 258-260
9. Dipti Deshmane, Ganesh Halde and **Chhaya Gadgoli**, "Anticonvulsant Activity of *Origanum majorana*" **Pharmacologyonline**, 2007, 1, 64-78.
11. **Chhaya Gadgoli** and S.H. Mishra, "Antihepatotoxic Activity of 5- Hydroxy 3,4', 6,7- tetramethoxy flavone from *Achillea millefolium*" **Pharmacologyonline**, 2007, 1, 391-399.
12. Babita More, Goldee Pardesi and **Chhaya Gadgoli** "Antimitotic Activity of *Rubia cordifolia*" **Biomed.**, 2006, 1(3), 247-250.
13. Omkar Amrite, Pallavi Bhuskat, Neha Patel, Sheetal Biyani and **Chhaya Gadgoli** "Evaluation of Analgesic Activity of Carotenoid from *Nyctanthes arbor-tristis*" **Adv. Pharmacol. Toxicol.**, 2007, 8(2), 55-58.
14. Omkar Amrite, Pallavi Bhuskat, Neha Patel, and **Chhaya Gadgoli** "Evaluation of Antioxidant Activity of Carotenoid from *Nyctanthes arbor-tristis*" **Int. J. Pharmacol. Biol. Sci.** 2007, 1(2), 57-59.
15. Pallavi Bhuskat, Omkar Amrite, Neha Patel and **Chhaya Gadgoli**, "*Nyctanthes arbor-tristis* a Substitute for Saffron Color" **Indian Drugs**, 2007, 44(8), 640-642.
16. More Babita H., **Gadgoli Chhaya** and Padesi Goldee, "Hepatoprotective Activity Of *Rubia Cordifolia*" **Pharmacologyonline**, 2007, 3, 73-79.
17. Pardesi Goldee S, **Gadgoli Chhaya**, Vaidya Madhav D., Hasni Hamid Y., More Babita H and Bhuskat Pallavi, P., "Preliminary Studies On Antimitotic And Anti Cancer Activity Of *Calotropis gigantea*", **Pharmacologyonline Newsletter**, 2008, 1, 38-47.
18. Pardesi Goldee S, **Gadgoli Chhaya**, Vaidya Madhav D., Hasni Hamid Y., More Babita H and Bhuskat Pallavi P., "Evaluation Of Anti-Inflammatory Activity Of *Calotropis gigantea*", **Pharmacologyonline Newsletter**, 2008, 1, 111-116.
19. Pardesi Goldee S, **Gadgoli Chhaya**, Vaidya Madhav D., Hasni Hamid Y., More Babita H and Bhuskat Pallavi P., "Evaluation Of Steroidal Content Of *Calotropis gigantea*", **Pharmacologyonline Newsletter**, 2008, 2, 55-58.
20. Dnyaneshwar Kokane, **Chhaya Gadgoli** et al "Evaluation of Wound Healing Activity of *Mimosa pudica*" **Journal of Ethnopharmacology**, 2009, 124, 311-315.
21. Surekha Yamgar, Lalit Sali, Rashmi Salkar, Naveenkumar Jain, **Chhaya H. Gadgoli**, "Studies On Nephroprotective and Nephrocurative Activity of Ethanolic Extract of Picrorrhiza kurroa Royle And Arogyavardhini Bati in Rats" **International Journal Of Pharmacy & Technology**, 2010, 2 (3), 472-489.
22. **Chhaya Gadgoli**, Sandeep Shelke . " Crocetin from the tubular calyx of *Nyctanthes arbor-tristis*", **Natural Product Research**, 2010, 24(17), 1610-1615.
23. Sushi Pimpare , **Chhaya Gadgoli** , et al , "Volatile Oil of *Mimusops elengi* Linn (*Sapotaceae*) as a Source of Thymol", **International Journal of PharmTech Research**, 2012, 4(1), 250-257.
24. Sushil S. Pimpare, Yogesh T. Sonawane, Chetan A. Chaudhari, Lalit P. Sali, Naveenkumar P. Jain and **Chhaya H. Gadgoli**, " Wound healing activity of topical

	<p>application form based on herbomineral formulation”, Asian Journal of Plant Science and Research, 2012, 2 (3):355-363.</p> <p>25. Surekha Yamgar, Chhaya Gadgoli et al “HPTLC Analysis of Rhizome of Picrorrhiza kurroa and Arogyavardhini Bati” International Journal of Pharmacy and Technology, 2012, 2(4), 4189-4207.</p> <p>26. Surekha Yamgar, Chhaya Gadgoli et al “Pharmacognostical Evaluation of Some Herbal Drugs” International Journal of Advanced Research in Pharmaceutical and Biosciences, 2012, 1(3), 302-310.</p> <p>27. Surekha Yamgar, Chhaya Gadgoli et al “HPTLC Method for quantification of β- Sitosterol from <i>Vanda roxburghii</i>R. Br.” Asian Journal of Plant Science and Research , 2012, 2(4), 524-529.</p> <p>28. Accepted Paper “28 Days Sub-acute Toxicity Profile of Ethanolic Extract of <i>Nyctanthes arbor-tristis</i> Calyx” in Pharmacology Online</p> <p>29. Accepted Paper “Crocic Rich Extract of <i>Nyctanthes arbor-tristis</i> Induces Anti-angiogenic Activity” in Natural Product Journal, 2015</p> <p>30. Accepted Paper “Identification of Safranal in volatile oil extracted from tubular calyx of <i>Nyctanthes arbor-tristis</i> : A Substitute To Saffron Aroma” Journal of Pharm Sci Tech, 2016.</p> <p>31. Chhaya Gadgoli and Deepa Gandhi, “Coenzyme Q10 as an Alternative Medicine”</p>
<p>Papers Presented</p>	<ol style="list-style-type: none"> 1. Preliminary Phytochemical Investigations on Rachis of <i>Musa paradisiaca</i> in Indian Pharmaceutical Congress, Dec. 1989 , held at IIT , Powai, Mumbai. 2. Anthelmintic Activity of <i>Myrsine africana</i> in Indian Pharmaceutical Congress in Dec. 1991, held at Goa. 3. Antihepatotoxic Activity of <i>Achillea millefolium</i> and <i>Capparis spinosa</i> in National Seminar on Herbal Drugs, held at Ooty, in October 1993. 4. Antihepatotoxic Activity of <i>Cichorium intybus</i> in Indian Pharmaceutical Congress in Dec. 1993, held at New Delhi. 5. Antihepatotoxic Activity of <i>Achillea millefolium</i> and <i>Capparis spinosa</i> in Indian Pharmaceutical Congress held at Chandigarh in Dec. 1994. 6. Presented the following six research papers in the International Conference on Ethnopharmacology and Alternative Medicine, organized by National Society of Ethnopharmacology in January 20-22, 2006 at Amala Cancer Research Centre, Thrissur, Kerala (India) . <ol style="list-style-type: none"> a. Jeeja Thurackal , Omkar Amrite , Goldee Pardesi, Dipti Deshmane and Chhaya Gadgoli , “Screening of Some Medicinal Plants for Anti-inflammatory Activity” b. Goldee Pardesi, Swati Patil, Arti Juvekar and Chhaya Gadgoli,”Anti mitotic Studies on <i>Calotropis gigantea</i>” c. Babita More, Arti Juvekar, Swati Patil AND Chhaya Gadgoli, “Antioxidant and Anti mitotic Activity of <i>Rubia cordifolia</i>” d. Pallavi Bhuskat, Omkar Amrute, Neha Patel, Swati Patil and Chhaya Gadgoli,” Antioxidant and Anti mitotic Activity of <i>Nyctanthes arbor-tristis</i>” e. Sheetal Biyani and Chhaya Gadgoli, ”Preliminary Phytochemical and Pharmacological Screening of <i>Ruta graveolens</i>” f. Dipti Deshmane and Chhaya Gadgoli ,” Preliminary Phytochemical and Pharmacological Screening of <i>Origanum majorana</i>”

7. Presented **two research papers in the Annual Meeting and Exposition of American Association of Pharmaceutical Scientists (AAPS) held at San Antonio, Texas, USA** (October 29- November 2,2006.)
- a. Goldee Pardesi and **Chhaya Gadgoli**, "Immunomodulatory Activity of *Calotropis gigantea*"
- a. **Chhaya Gadgoli**, Omkar Amrite , Pallavi Bhuskat and Neha Patel, Pharmacological Investigations On *Nyctanthes arbor-tristis*"
8. Dnyaneshwar Konkane , Prachi Mehandale, Minakshi Nehte and **Chhaya Gadgoli**, "Preliminary Evaluation OF Wound healing Activity and Phytochemical Investigations on Roots of *Mimosa pudica*" in **International Seminar on Medicinal Plants and Herbal Products**, held at S.V. University , Tirupati, March 7-9, 2008.
9. Sandip Shelke, Chhaya Gadgoli and Omkar Amrite "Medicinal Utility of Carotenoides from *Nyctanthes arbor-tristis*" in **International Symposium on Carotenoides**, held at Okinawa, Japan from June 22-27,2008.
10. Sandip Shelke and Chhaya Gadgoli, "Structural Elucidation of Carotenoids from *Nyctanthes arbor-tristis*" at **International Conference on Drug Development and Discovery from Natural Products and Traditional Medicine**, Held at NIPER, Mohali from Nov. 16-20.
11. Delivered a short lecture entitled "Carotenoids –a versatile Phytoconstituents and Phytonutrients" at **International Conference on Drug Development and Discovery from Natural Products and Traditional Medicine**, Held at NIPER, Mohali from Nov. 16-20.
12. Antiarthritic activity of *Vanda roxburghii* at **International Conference on Medicinal and Aromatic Plants** held at Lucknow on 21-24THFebruary 2010.
13. Immunomodulatory Effect s of *Vanda roxburghii* at **International Conference on Medicinal and Aromatic Plants** held at Lucknow on 21-24THFebruary 2010.
14. Presented two papers at **One day conference on Pharmaceutical Sciences organized by Natioanl University of Singapore and Bombay College of Pharmacy** at Bombay College of Pharmacy on Feb. 25, 2010.
- a. Standardization of *Woodfordia fruticosa* for Gallic and Ellagic acid
- b. Isolation of Lectins from *Erytrina variegata*
15. Antidiabetic activity of *Nyctanthes arbor-tristis* at **Asian Herbal Expo** held at Chennai On November 26-28, 2010.
16. Presented two research papers in **PHYTOPHARM -2011** held at Nuremberg, Germany from July 25-27, 2011.
- a. Anti angiogenetic activity of *Nyctanthes arbor-tristis*
- b. Platelet aggregation Inhibitory activity of *Nyctanthes arbor-tristis*" in
17. Presented the following three research papers in the **International Conference on Current Trends in Medicinal Plant Research** held at University of Pune, from January 10-13, 2012
- a. Pooja Bowlekar and Chhaya Gadgoli,"Amelioration of Cisplatin induced Nephrotoxicity by Methanolic Extract of Roots of *Boerhaavia diffusa*"
- b. Roshni Chaudhari and Chhaya Gadgoli , "Standardization of Kantakari Kalpa – an Ayurvedic Formulation"
- c. Mihir Deshpande and Chhaya Gadgoli,"Utility of *Sygyzium cumini* Seeds as Wound Healing Drug"
18. Presented project entitled **Colour cosmetic formulation with natural**

	<p>ingredients in 'Biopharm2012' at IIM Bangalore, organized by IIM-B, C-CAMP, March 2012. 19. Presented Two papers in Update Ayurveda, held at Nair Hospital Dec11-13, 2014- Oral Presentations a. Wound Healing Activity Of A Naphthaquinone Dimer From <i>Onosma Echioides</i> “ b. Isolation Of Triterpenoid And Wound Healing Activity Of <i>Randia Domentorum</i></p>
<p>Research Grants Received</p>	<ol style="list-style-type: none"> 1. Year 2015: Indian Council of Medical Research , 15 Lakhs; Project Title: Evaluation of Utility Profiles of Some Phytoconstituent – Metal Complexes as Wound Healing Agents 2. Year 2013-14: University of Mumbai; Project Title: Studies on Wound Healing Activity of <i>Randia domentorum</i> 3. Year 2010: National Medicinal Plant Board (NMPB), Department of AYUSH, 15.7 Lakhs; Project Title: Evaluation of Nephroprotective Activity of <i>Picrorrhiza kurroa</i>, 4. Year 2009-10: University of Mumbai 25,000/- Project Title: Evaluation of Nephroprotective Activity of <i>Picrorrhiza kurroa</i> 5. Year 2007-08: University of Mumbai 35,000/- Project Title: Studies on Coadministration of Synthetic and Herbal Anticonvulsant Drugs 6. Year 2004-15: University of Mumbai , 25,000/-Project Title: Studies on <i>Nyctanthes arbor-trisits</i> for substituting Saffron