



# Saraswathi Vidya Bhavan's College of Pharmacy, Dombivli.



Recognized by AICTE & PCI, New Delhi, DTE and Affiliated to University of Mumbai & MSBTE

## Faculty Profile

**Dr. Chhaya H. Gadgoli**

M.Pharm. Ph.D. (Pharmacognosy & Phytochemistry)

Designation: Professor

**Professional Experience:**

Academic **29 Years**

Industry **10 Months**



### Professional affiliations

Life Member of ---

- Indian Pharmaceutical Association
- Indian Society of Pharmacognosy
- Association of Pharmacy Teachers of India
- National Society of Ethnopharmacology

### Achievements

International Society for Carotenoids

1. Awarded **National Merit Scholarship** for the recognition of high position in the list of Meritorious candidates qualifying for the awards in Maharashtra.
2. Recipient of Scholarship awarded by the Government of India for 18 months (September 1998 to February 1999) during M. Pharm. Sci. Course.
3. Recipient of **Senior Research Fellowship** awarded by The **Council of Scientific and Industrial Research (CSIR)** for two years (March 1993 – March 1995).
4. Recipient of **Alumni Achiever's Award**, conferred by the **Principal, Staff and the Management of Hyderabad Sind National Collegiate Board** on February 3, 2003
5. 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.
6. 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.
7. The innovation entitled, "**Herbal Lipsticks**" is listed in **top 10 innovations in the India Innovation Initiative National Fair – i3 organized by CII, DST and Agilent Technologies** on November 22, 2010.
8. 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
9. Received **Silver Medal in Avishkar 2012** – a state level research convention for the project "**Antiangiogenic Effects of Carotenoids from Nyctanthes arbor-tristis**" held at Shivaji University, Kolhapur, on January 14, 2012
10. 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**".



## Faculty Profile

11. Invited as **Evaluator for Poster Session in 68<sup>th</sup> Indian Pharmaceutical Congress, held at Vishakhapattanam during December 16-18, 2016.**
12. **Awarded "Best Professor in Pharmacognosy" by National Education Awards 2017 ABP news on July 6, 2017.**
13. **Received AICTE travel grant of Rs. 1,00,000/- for presenting and participating in XXII International Congress Phytopharm 2018, held at Horgen , Switzerland during June 25-27, 2018.**
14. **Third Best Poster for the poser entitled" Crocin from *Nyctanthes arbor-tristis (Oleaceae)*: Enhancement of stability and Effect on Collagen type 1 and Elastin gene" in XXII International Congress Phytopharm 2018, held at Horgen , Switzerland during June 25-27, 2018.**
15. **Recipient of Travel grant for attending and presenting four research papers in XXII International Conference of International Society for Ethnopharmacology held at Imphal Manipur from Feb 24-26, 2023**
  - a. **Studies on bioavailability of antiasthmatic orodispersible tablets containing extracts of Glycyrrhiza glabra and Curcuma longa –oral presentation**
  - b. **Studies on optimization of oslation process for bakuchiol from Psoralea carylifolia seeds**
  - c. **Analytical method development for simultaneous estimation of herbal drugs**
  - d. **Bioanalytical method development for simultaneous estimation of herbal drugs and its application for bioavailability studies**

### Projects

1. **Worked on the Project entitled "Pharmacognostic and Phytochemical Investigations on *Musa paradisiaca*", under the guidance of Dr. C.I.Jolly , Professor and Head Pharmacognosy and Phytochemistry , Prin. K. M. Kundnani College of Pharmacy, Worli, Mumbai, for M. Pharm Sci.**
2. **Worked on the project entitled "Evaluation and Utility Profiles of Some Phytopharmaceuticals used as Traditional Medicaments", under the guidance of Prof. S. H. Mishra , Head , Pharmacy Department , M.S. University of Baroda, Baroda for Ph.D.**

Pharmacognosy & Phytochemistry

### Core competency area

### Students guided

Ph.D.: 7  
PG: 45  
UG: 25



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## Faculty Profile

### Research grant

Sr. #	Agency	Project	Year and Amount in Rupees	Status
1	AICTE	MODROB- Modernization of facilities for research in Natural Product Technology	16,35,294/- 2020-22	Ongoing
2	University of Mumbai	Design and characterization of antimicrobial vesicular formulation of <i>Onosma echioides</i>	90,000/- 2019-20	Completed
3	University of Mumbai	Isolation of Phytoconstitents	2016-17 25000/-	Completed
4	Indian Council of Medical Research	Evaluation Of Utility Profiles Of Some Phytoconstituent-Metal Complex As Wound Healing Agents	2015-16 15 lakhs	Ongoing
5	University of Mumbai	Studies on Wound Healing Activity of <i>Randia domentorum</i>	2013-14	Completd
6	National Medicinal Plant Board (NMPB), Department of AYUSH	Studies On Medicinal and Cosmetic Utility of <i>Nyctanthes arbor-trisits</i> – a substitute to Saffron	2010 15.70 LAKH	Completed
7	University of Mumbai	Evaluation of Nephroprotective Activity of <i>Picrorrhiza kurroa</i>	2009-10 25000/-	Completed
8	University of Mumbai	Studies on Co-administration of Synthetic and Herbal Anticonvulsant Drugs	2007-08 35,000/-	Completed
9	University of Mumbai	Studies on <i>Nyctanthes arbor-trisits</i> for substituting Saffron	2004-05 25000/-	Completed



## Faculty Profile

### Patents

1. **Chhaya Gadgoli**, Madhav Vaidya and Sayyed Hasni, "A Process for Production of Probiotics on Media Derived from Fruit Wastes" in Indian Patent Office on Feb.8, 2006. Published – Patent Office Journal on 24/8/2007 No. 187/Mum/ 2006
2. **Chhaya Gadgoli** and Jeeja Thurrackal, "Cosmetic Formulation for Lipsticks, Eye Shadow and Rouges with Natural Ingredients" in Indian Patent Office on March 22, 2006.
3. Published –Patent Office Journal on 23/ 11/2007, No. 398/ Mum/ 2006-**GRANTED**
4. **Chhaya gadgoli** and Nikita Gawand "Herbomineral Remedy for Healing of Wound", Indian Patent Office, November 6, 2008. (Patent No. 2367/MUM/2008)
5. **Chhaya Gadgoli**, Lalit Sali and Mahesh Abhyankar, "Antidiabetic Lectins from Vigna radiate and its complex with Zinc", Indian Patent Office August 25, 2010, Patent No. 2370/MUM/2010)
6. **Chhaya Gadgoli**, Prasad Bandewar and Sandip Waghulde "Use of Lawsone Complexes for Promoting Wound Healing And As An Antimicrobial Agent", -Indian Patent Office –appl no. 2878/MUM/2011, 11/10/2011-**GRANTED**
7. **Gadgoli Chhaya Harihar**, Shirodkar Aditee Vinod, Patil Varsha Pravin "A Film Coating Formulation With Natural Color For Pharmaceutical Tablets" – Indian Patent Office- appl. No. **1537/MUM/2014 , 2/5/2014**
8. **Chhaya Gadgoli** and Jaie Karve **Method and Apparatus for Extraction of Essential Oils** , Filed at Indian Patent Office No. 201621019703. **GRANTED**
9. Gorle Archana and **Chhaya Gadgoli** " **Polyherbal Antidiabetic Composition Comprising a Bioenhancer**" Filed at Indian Patent Office **Application No. 201721016680, Dated 12/05/ 2017**
10. Mangarish Tendulkar , Dr. Chhaya Gadgoli, Vaidya Bhau Sule, " MEDICAL Composition" filed at Indian Patent Office Application No 201721036561 dated 14/10/2017. Granted Patent no: 425662.
11. Mrs. Archana Naik, **Dr. Chhaya Gadgoli**, Mr. Arvind Naik "**Topical compositions comprising herbal phytosomes**" Filed at Indian Patent Office Application No. 201721017635 dated 23rd may 2017, Application Published on 23/11/2018

### Special Publication

**Chhaya Gadgoli** and Deepa Gandhi, "Coenzyme Q10 as an Alternative Medicine", Pharma Pulse, 2001, 21, September, 17.

### Research Publications

1. **Chhaya Gadgoli** and C.I.Jolly, "Starch from *Musa paradisiaca* " **Ind. J. Pharm. Sci.**, 1990, Jan , 36-38. . (**Impact Factor 0.762**)
2. **Chhaya Gadgoli** , M. S. Sarang and C. I. Jolly, "Single Cell Protein Production from Peels of *Musa paradisiaca* **Res. Ind.** , 1992, 37, 18-20. (Impact Factor



## Faculty Profile

0.557)

3. **Chhaya Gadgoli**, S.H. Mishra, "Preliminary Antihepatotoxic Activity of *Achillea millefolium*, *Cichorium intybus* and *Capparis spinosa*", **Fitoterapia**, 1995, 56(4), 319- 322. **(Impact Factor : 2.345)**
4. **Chhaya Gadgoli** , S.H. Mishra, "Antihepatotoxic Activity of p-methoxybenzoic acid from *Capparis spinosa* ," **J. Ethnopharmacology** , 1999, 66( 2 ) , 187-192. **(Impact Factor 2.998; 5-Year Impact Factor: 3.261 )**
5. **Chhaya Gadgoli** and S.H .Mishra , " Antihepatotoxic Activity of *Cichorium intybus*" , **J. Ethnopharmacology** , 1997, 64, 131-134. **(Impact Factor 2.998; 5-Year Impact Factor: 3.261 )**
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. **(Impact Factor 0.768)**
8. Omkar Amrite, Jeeja Thurackal and **Chhaya Gadgoli**, "Evaluation of Anti-inflammatory Activity of *Nyctanthes arbor-tristis* and *Onosma echioides*" **Pharmacog. Mag.**, 2006, 2(8), 258-260 **(Impact Factor 1.069)**
9. Dipti Deshmane, Ganesh Halde and **Chhaya Gadgoli** , "Anticonvulsant Activity of *Origanum majorana*" **Pharmacologyonline**, 2007, 1, 64-78. **((Source Normalized Impact per Paper SNIP 2014 : 0.308)**
10. **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. (RG Impact factor 0.37)
11. Babita More, Goldee Pardesi and **Chhaya Gadgoli** "Antimitotic Activity of *Rubia cordifolia*" **Biomed.**, 2006, 1(3), 247-250.
12. 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.
13. 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. **(Impact Facator 0.88 Scientific Journal Impact Factor Value for 2012 : 3.125)**
14. Pallavi Bhuskat, Omkar Amrite, Neha Patel and **Chhaya Gadgoli**, " *Nyctanthes arbor-tristis* a Substitute for Saffron Color" **Indian Drugs**, 2007, 44(8), 640-642.
15. More Babita H., **Gadgoli Chhaya** and Padesi Goldee, "Hepatoprotective Activity Of *Rubia Cordifolia*" **Pharmacologyonline**, 2007, 3, 73-79. **(Source Normalized Impact per Paper SNIP 2014 : 0.308)**



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16. 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.
17. 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.
18. 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.
19. Dnyaneshwar Kokane, **Chhaya Gadgoli** et al “Evaluation of Wound Healing Activity of *Mimosa pudica*” **Journal of Ethnopharmacology** , 2009, 124, 311-315. (Impact Factor 2.998; 5-Year Impact Factor: 3.261 )
20. 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. (As per Universal Impact Factor, UIF=1.2106)
21. **Chhaya Gadgoli**, Sandeep Shelke .” Crocetin from the tubular calyx of *Nyctanthes arbor-tristis*”, **Natural Product Research**, 2010, 24( 17), 1610–1615. ( Impact Factor 1.828 (@2014 Thomson Reuters, 2014 Journal Citation Reports®).)
22. 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. (Impact per publication as per 2014 : 0.619)
23. Sushil S. Pimpare, Yogesh T. Sonawane, Chetan A. Chaudhari, Lalit P. Sali, Naveenkumar P. Jain and **Chhaya H. Gadgoli**, ” Wound healing activity of topical application form based on herbomineral formulation”, **Asian Journal of Plant Science and Research**, 2012, 2 (3):355-363. (Scimago Journal Ranking (2013): 0,456)
24. 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. (As per Universal Impact Factor, UIF=1.2106)
25. 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. (Impact Factor: 4.278 (SJIF))
26. Surekha Yamgar, **Chhaya Gadgoli** et al “HPTLC Method for quantification of  $\beta$ - Sitosterol from *Vanda roxburghii*R. Br.” **Asian Journal of Plant Science and Research** , 2012, 2(4), 524-529. (Scimago Journal Ranking





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(2013): 0,456)

27. Bowlekar P. Babu and **Gadgoli C. Harihar** Amelioration of Cisplatin Induced Nephrotoxicity by Standardized Methanolic Extract of Roots of *Boerhaavia diffusa*” **Natural Product Journal** , **2014, 4, 217-223.**
28. Gawand Nikita, Purnima Vivek, **Gadgoli Chhaya** “ Wound healing activity of Oligomer of alkanin/ Shikonin isolated from root bark of *Onosma echioides*” **Natural Product Research** **2015, 29(16), 1584-1588.** (2014 Impact Factor 1.828 (©2014 Thomson Reuters, 2014 Journal Citation Reports®)
29. Neha Pawar, Tasneem Shahmalak, Kumarvelu J , Sheetal Panchal and **Chhaya Gadgoli** Crocin Rich Extract of *Nyctanthes arbor-tristis* Flower Calyx Induces Anti-angiogenic Activity – in **Natural Product Journal** **2016, 6(1), 40-48**
30. Archana Naik, Manasi Varadkar and **Chhaya Gadgoli** “Identification of Safranal in volatile oil extracted from tubular calyx of *Nyctanthes arbor-tristis* : a substitute to saffron aroma A in **Journal of PharmaScitech** **2016, 5(2), 102-104** ( Index Copernicus Value (ICV): 6.1 & Science Journal Impact Factor: 3.72. )
31. Neha Pawar, **Chhaya Gadgoli** , Monika Kamble and Shital Panchal “**28 Days Sub-acute Toxicity Profile of Ethanolic Extract of *Nyctanthes arbor-tristis* Calyx**” **Pharmacology Online** **2016,2,163-174**
32. Jitendra D. More , Monika Kamble and **Chhaya H. Gadgoli**, Sodium Alginate Curcumin Floating Beads Containing Curcumin Solid Dispersion: Preparation And Evaluation Of Stability, Solubility And Bioavailability, **World Journal Of Pharmacy And Pharmaceutical Sciences**, **2016,5(7), 1993 to 2008**
33. **Chhaya Gadgoli**, **Book Chapter “ Research in Phytoconstituents for Treatment of Wounds” in Topics on Wound Healing**”, ISBN 978-953-51-4903-3. *Published: December 7, 2016, 25-45.*
34. Neha Pawar, Shital Panchal, Dhananjay Kawle, **Chhaya Gadgoli** & Girish Maru **Evaluation of genotoxic and modulatory effects of *Nyctanthes arbor-tristis* calyx extract and the isolated crocin in Ames’ assay**, <https://doi.org/10.1080/14786419.2017.1410807>, 2017(Impact factor 1.928)
35. Jeeja F. Pananchery, Monika L. Jadhav, **Chhaya H. Gadgoli**, Ashish S. Jain, “**Quality by Design Approach in Quantitative Determination of the Red Dye from Extract of *Onosma Echioides* (Boraginaceae) by UV-visible Spectrophotometer**”, *International Journal of Pharmaceutical Quality Assurance*, 2021,12 (3), 293-296.
36. Ruchira Salunkhe , **Chhaya Gadgoli**, Archana Naik and Nikita Patil, “**Pharmacokinetic Profile and Oral Bioavailability of Diosgenin, Charantin, and Hydroxychalcone From a Polyherbal Formulation**”, *Frontiers in Pharmacology*,2021,10,1-14.



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37. Manasi Varadkar, Chhaya Gadgoli, "Preparation and evaluation of wound healing activity of phytosomes of crocetin from *Nyctanthes arbor-tristis* in rats", *Journal of Traditional and Complementary Medicine*, 2021, <https://doi.org/10.1016/j.jtcme.2021.10.002>.
38. Jeeja Pananchery, Chhaya Gadgoli, "In-Vivo Evaluation of Phytosomal Gel of The Petroleum Ether Extract of Root Bark of *Onosma echiodes* for Wound Healing Activity in Rats", *Indonesian Journal of Pharmacy*, 2021,32 (4): 474–483.
39. Yogesh T Sonawane, Sushil S Pmipare, Chetan A Chaudhari, Naveenkumar P Jain, SC Pal, Chhaya H Gadgoli, Vinod A Bairagi, Sunita A Govilkar and Aher Bhaskar "Evaluation of wound healing activity of flowers of *Woodfordia fruticosa* Kurz" *International Journal of Pharmacognosy and Life Science* 2020; 1(2): 06-13.
40. [Naik, Archana A.](#); [Gadgoli, Chhaya H.](#); [Naik, Arvind B.](#), "Evaluation of Gene Expression and In Vitro Enzyme Study for Antiaging Effect of Crocin and Lutein", *The Natural Products Journal*, 2020, 10( 5), 595-604.
41. Naik, A. A., Gadgoli, C. H., & Naik, A. B. (2023). Formulation Containing Phytosomes of Carotenoids from *Nyctanthes arbor-tristis* and *Tagetes patula* Protect D-galactose Induced Skin Aging in Mice. *Clinical Complementary Medicine and Pharmacology*, 3(1), 100070. <https://doi.org/10.1016/j.ccmp.2022.100070>
42. Gadgoli, C., Bhandekar, S., Bhere, H. et al. Bioavailability and Pharmacokinetic Parameters of a Formulation Containing Secoisolariciresinol Diglucoside–Rich Extract. *Rev. Bras. Farmacogn.* 33, 394–401 (2023). <https://doi.org/10.1007/s43450-023-00358-x>
43. Mansi Kolambe , Archana Naik and Chhaya Gadgoli, "Formulation Containing Phytosomes of Crocin-Rich Extract from *Nyctanthes arbor-tristis* and Petroselinic Acid from *Coriandrum sativum* seeds Exhibits Sunscreen and Moisturizing Effects" in *Current Cosmetic Science* January 2023, DOI:10.2174/2666779702666230403111920.
44. Jaie Karve , **Chhaya Gadgoli**, Chemical composition and anti-angiogenic activity of the essential oil from *Blumea eriantha* D.C., *Natural Product Research*, Published Online: 25 Jun 2023.
45. Archana Naik, **Chhaya Gadgoli**, Ruchira Salunkhe, Nikita Patil," Development and validation of HPTLC method for simultaneous estimation of diosgenin, charantin and hydroxychalcone" in *International Journal of Pharmaceutical Quality Assurance* August 2023.
46. Prachi Chandrashekhar Pathak, Chhaya Harihar Gadgoli Exploring the efficacy of panchavalkal extract and Zinc-Copper Bhasma in promoting wound healing in incision and excision wound models in the rat *Journal of Ethnopharmacology* <https://doi.org/10.1016/j.jep.2023.117404>
47. Purnima V <sup>1</sup>, Chhaya Harihar Gadgoli <sup>2</sup> Evaluation of wound healing potential of lawsone from *Lawsonia innermis* and its organometallic





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complexes in rats [Pharmacological Research - Natural Products Volume 3](#), June 2024, 100035 <https://doi.org/10.1016/j.prenap.2024.100035>.

48. Chhaya Gadgoli, Archana Naik, Kavya Bangera, Shweta Joshi Formulation and bioavailability studies on orodispersible tablets containing standardized extracts of *Glycyrrhiza glabra*, *Curcuma longa* and *Piper nigrum* [Pharmacological Research - Natural Products Volume 3](#), June 2024, 100032 <https://doi.org/10.1016/j.prenap.2024.100032>.
49. Chhaya Gadgoli, Anant Pai, Rohan Parab, Sahil Rahane, Mansi Chogale et al Preparation and Evaluation of Mucoadhesive film containing alcoholic extracts of fruits of *Coccinia grandis* and rhizomes of *Glycyrrhiza glabra* for treatment of mouth ulcers *Journal of Biological Research and Reviews* 2024, 1(2), 70-78.
50. Priyanka Kalamkar , Chhaya Gadgoli , Gaurav Girase , Riya Dalvi , Piyusha Dadrekar , Nishita Karulkar , Sejal Deshmukh , Vaibhav Kalamkar Novel biomarkers for detection of nephrotoxicity, *Journal of Renal Injury Prevention* 2024; 13(3): e33294. doi: 10.34172/jrip.2024.33294.
51. Archana Gorle Ingle, Chhaya Gadgoli , Archana Naik Simultaneous Estimation of Epicatechin, Trigonelline, Stigmasterol, and Gymnemagenin in Polyherbal Products: A Bioanalytical RP-HPLC Approach *Journal of Chemical Health Risks* (2024) 14(4), 1976-1989 | ISSN:2251-6727.

## Presentations

1. Preliminary Phytochemical Investigations on Rachis of *Musa paradisiaca* in **Indian Pharmaceutical Congress**, Dec. 1989 , held at IIT , Pawoi, Mumbai.
2. Anthelmintic Activity of *Myrsine africana* in **Indian Pharmaceutical Congress** in Dec. 1991, held at Goa.
3. Antihepatotoxic Activity of *Achillea millefolium* and *Capparis spinosa* in **National Seminar on Herbal Drugs**, held at Ooty, in October 1993.
4. Antihepatotoxic Activity of *Cichorium intybus* in **Indian Pharmaceutical Congress** in Dec. 1993, held at New Delhi.
5. Antihepatotoxic Activity of *Achillea millefolium* and *Capparis spinosa* 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 ) .
  - a. "Screening of Some Medicinal Plants for Anti-inflammatory Activity"
  - b. Goldee Pardesi, Swati Patil, Arti Juvekar and **Chhaya Gadgoli**, "Anti mitotic Studies on *Calotropis gigantea*"
  - c. "Antioxidant and Anti mitotic Activity of *Rubia cordifolia*"
  - d. "Antioxidant and Anti mitotic Activity of *Nyctanthes arbor-tristis*"
  - e. "Preliminary Phytochemical and Pharmacological Screening of *Ruta*



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- f. "Preliminary Phytochemical and Pharmacological Screening of *Origanum majorana*"
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. "Immunomodulatory Activity of *Calotropis gigantea*"
  - a. "Pharmacological Investigations On *Nyctanthes arbortristis*"
8. "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. "Medicinal Utility of Carotenoides from *Nyctanthes arbortristis*" in **International Symposium on Carotenoides**, held at Okinawa, Japan from June 22-27,2008.
10. "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. Antiarrthritic 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*"



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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 *Syzygium cumini* Seeds as Wound Healing Drug"
18. Presented project entitled **Colour cosmetic formulation with natural ingredients in 'Biopharm2012'** at IIM Bangalore, organized by IIM-B, C-CAMP, March 2012.
19. Presented oral presentation entitled "Crocetin from tubular calyx of *Nyctanthes arbortristis* as potential wound healing agent" at XXII International Congress "Phytopharm 2018", held at Horgen, Switzerland, during June 25-27, 2018
20. Presented **THREE** poster papers and one of the projects received third best poster award
  - Crocin from *Nyctanthes arbor-tristis (Oleaceae)*: Enhancement of stability and Effect on Collagen type 1 and Elastin gene
  - Genetic level Evaluation of novel, topical herbal formulation: an economic substitute to formulation of saffron
  - Lutein from *Tagetes patula*: Enhancement of stability and Effect on COL type I and elastin gene at XXII International Congress "**Phytopharm 2018**", held at Horgen, Switzerland, during June 25-27, 2018
21. Presented **four** research papers in International Conference of Society for Ethnopharmacology held at Delhi in Feb 16-18, 2020.
22. Presented two research papers in 20 th International conference Ethnopharmacology through online mode held in April 18-20,2021.
23. Presented **two** research papers in International Conference of Society for Ethnopharmacology held at Pune in August 2021.
24. Presented **three** research papers in International Conference of Society for Ethnopharmacology held at Mysore in April 2022.
25. **Presented five research papers in XXII International Conference of International Society for Ethnopharmacology held at Imphal Manipur from Feb 24-26, 2023**
  - a. Studies on bioavailability of antiasthmatic orodispersible tablets containing extracts of *Glycyrrhiza glabra* and *Curcuma longa*



## Faculty Profile

### Seminars / Workshops/ Training

- b. Studies on optimization of isolation process for bakuchiol from *Psoralea carylifolia* seeds
  - c. Analytical method development for simultaneous estimation of herbal drugs
  - d. Bioanalytical method development for simultaneous estimation of herbal drugs and its application for bioavailability studies
  - e. Formulation and standardization of orodispersible tablets containing extracts of *Glycyrrhiza glabra* and *Curcuma longa*
1. Training of **Camag HPTLC Instrument** at Anchrom Laborotry, Mulund, Mumbai, May 7-8, 1993.
  2. Training of **Isolation of Rat Hepatocytes for in-vitro testing of Antihepatotoxic Activity at C.D.R.I.** , Lucknow, August 30 – September 17, 1994.
  3. Teacher's Training Program Sponsored by A.I.C.T.E. at Pharmacy Department, M.S. University of Baroda, May 20 – June 14, 1996. ( **3 Weeks** )
  4. Teacher's Training Program Sponsored by A.I.C.T.E. at Bombay College of Pharmacy, Kalina, Mumbai, November 19 – December 5, 1998. ( **3 Weeks** )
  5. Teacher's Training Program Sponsored by A.I.C.T.E. at K.L.E.S. College of Pharmacy Belgaum, June 21 – July 3, 1999. ( **2 Weeks** )
  6. Attended training program on "**Development of Analytical Method and its Validation Using HPLC and GC**" organized by **American Chemical Society, Chromatographic society of India and Indian Chemical Society** at Leela, Mumbai in October 1-2, 2000.
  7. Attended **Professional Training Programme for Pharmacists, Sponsored by WHO and PCI, at Bharati Vidyapeeth's Institute of Pharmacy, Pune**, 14 th May to 18th May 2001. ( **One Week** )
  8. Attended **American Chemical Society's Short Course in Capillary Gas Chromatography** on 5 th September 2001, held at The Taj West End, Bangalore.
  9. Attended **Two Day Course on Foundations of Clinical Research and GCP** , conducted by the Academy for Clinical Excellence ( ACE ) on 21 st and 22nd November, 2002, at Bombay College of Pharmacy, Mumbai.
  10. Attended **Five Day SERC School on Recent Advances in Design and Analysis of Biotechnological Processes, Continuing Education Programme** conducted at **IIT Mumbai** from May 13 to 17, 2003. ( **One Week** )
  11. Attended **Boot Camp for Business Competition** organized by Bio-Pharm, **Nottingham University UK and IIT Kanpur** ,at **C-CAMP, Bangalore** ,January 11-13, 2012.
  12. Attended two days workshop on **Laboratory Animal Experimentation at ACTREC, Khargar** in December 2011
  13. Attended **IPA/NMPB/IPC Workshop on Capacity Building National Workshop for Monograph Development for Herbals** held on August 21-22,2009, at Sci-Tech Centre, Jogeshwari, Mumbai



# Saraswathi Vidya Bhavan's College of Pharmacy, Dombivli.



Recognized by AICTE & PCI, New Delhi, DTE and Affiliated to University of Mumbai & MSBTE

## Faculty Profile

### Institutional & administrative responsibilities

- H.O.D. Pharmacognosy & Phytochemistry
- NBA co-ordinator
- Academic In-charge
- IEAC committee Chair Person
- College Development Committee member