

Kakasaheb Mhaske College of Pharmacy, Ahmednagar

Approved by : AICTE, PCI, DTE, Govt. Maharashtra, DBATU Lonere.

Name of Teaching Staff: Dr. Sandip Gahininath Badadhe

Designation: Principal

Qualification: M.Pharm (QA), Ph.D

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Date of joining: 15/01/2025

Research Area: Formulation and development.

Total experience in Years: Teaching: 15 years

Papers published: National: 05, International: 26, Review: 13

Papers presented in conferences: National: 01, International: 03

Book Published: 05

Patents (Filed/Published/Granted): 1 Granted and 1 Published

Professional Memberships: MSPC, APTI, ERDA

Honours/Awards/Achievements: 01 National Award and Received Merititious student scholarship from Jindal Foundation for B.Pharm Course.

Grants Received (Research/S&T/Conference): ASPIRE Grant Rs. 2.76 Lks

Core Competency Area:

Citation Indices: H-Index: 03, i10-Index: 01, No. of Citations- 62

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Google Scholar Link: <https://scholar.google.co.in/citations?user=hLYWbmAAAAAJ&hl=en>

Administrative Profile:



List of publications (On separate sheet)

- **Badadhe, S.**, Siddique, D., & Gawali, V. (2015). Formulation and Analytical method development for simultaneous estimation of Domperidone and Itopride from sustained release matrix tablet. *Der Pharmacia Sinica*, 6(8), 6-11. ISSN: 0976-8688.
- **Badadhe, S.**, Gawali, V., Jadhav, B., & Jadhav, K. (2015). Superdisintegrants, Natural and Synthetics: An overview. *International Journal of Advances in Pharmaceutical Research (IJAPR)*, 6(8), 228-234. ISSN: 2230-7583.
- **Badadhe, S.**, Gawali, V., Bhalsing, M., Jadhav, B. (2016). Sustained release dosage forms: An overview. *IJIPSR*, 4(12), 1-18. Department of Pharmaceutics. ISSN (online): 2347-2154. DOI: 10.21276/IJIPSR.2016.04.12.181.
- Jadhav, B. V., Gawali, V. B., **Badadhe, S. G.**, Bhalsing, M. D. (2015). Study of Neusilin UFL2 and β -Cyclodextrin as Solid Carriers in Solid Self-Microemulsifying Drug Delivery System of Atorvastatin Calcium Prepared by Spray Drying. *Asian Journal of Pharmaceutical Technology & Innovation*, 03(15), 56–66.
- Kulkarni, P., Ghule, A., & **Badadhe, S.** (2019). Process Validation Vs Process Qualification - An Overview. *International Journal of Engineering Trends and Technology*, 67(7), 1-4. (Q3)
- Dalavi, N., **Badadhe, S.**, Bhasme, P. (2020). Development And Validation of Stability Indicating HPTLC Method For Estimation of Alogliptin Benzoate. *World Journal Of Pharmaceutical Research*, 9(8), 2264-2272. ISSN: 2278–4357. DOI: 10.20959/wjpps20208-16622.
- Dalavi, N., Pattan, S. R., & **Badadhe, S.** (2018) Review of Scope of Isomers In Development of New Drug Synthesis. *Scientxt Journal of Pharmaceutical Sciences*.
- **Badadhe, S.**, Gawali, V., Thombare, N., Chothe, B., & Garad, A. NANOFIBERS IN DRUG DELIVERY SYSTEM. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 6(91), 93-98.
- Rasane, S., **Badadhe, S.**, & Bhusari, V. (2021). CORONAVIRUS DISEASE (COVID-19): AN OVERVIEW. *World Journal of Pharmacy and Pharmaceutical Sciences*, 10(4), 1654–1660. <https://doi.org/10.20959/wjpps20214-18527>
- Singh, G., **Badadhe, S.**, & Sharma, N. (2021). AN OVERVIEW ON ENHANCEMENT OF SOLUBILITY OF BCS – IV DRUG. *Journal of Huazhong University of Science and Technology*, 50(4), 1–20. <http://hustjournal.com/vol502021apr-6/>
- **Badadhe, S.**, Pande, V., Kulkarni, P., & Dalavi, N. (2021). Melt-in mouth tablets: An overview. *Science, Technology and Development*, ISSN: 0950-0707, Volume X, Issue V, MAY 2021, Pages 350-357.
- **Badadhe, S.**, & Singh, G. (2021). FORMULATION AND CHARACTERIZATION OF Γ -ORYZANOL LOADED SOLID SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEMS (S-SNEDDS). *Journal of Advanced Scientific Research*, 12(04 Suppl 1), 234-241. <https://doi.org/10.55218/JASR.s1202112426>
- Dalavi, N. B., & **Badadhe, S. G.** (2021). Global Challenges of Pandemic Disease to Medical Educators. *Sys Rev Pharm*, 12(12), 3895-3898. . Vol 12, Issue 12, Dec-2021, <https://doi.org/10.1234/srp.2021.12.047>
- **Badadhe, S.**, & Dalavi, N. (2022). REVIEW ON SELF NANO EMULSIFYING DRUG DELIVERY SYSTEM. *Systematic Reviews in Pharmacy*, 13(1), 63-68. E-ISSN 0976-2779 P-ISSN 0975-8453. Vol 13, Issue 1, Dec-Jan, 2022.
- Kadam, S. C., Nair, S. M., Jankar, Y. A., Sharma, D., **Badadhe, S. G.**, Ghante, M. R., & Kulkarni, P. D. (2022). Immunotherapy in cancer: A review. *IP International Journal of Comprehensive Adv Pharmacol*, 7(1), 27-29.

- Kulkarni, P. D., Nair, S. M., Kadam, S. C., Jankar, Y. A., Derashri, A., **Badadhe, S. G.**, & Ghante, M. R. (2022). Probable treatment options for COVID-19: A brief review. *IP International Journal of Comprehensive and Advanced Pharmacology*, 7(1), 17–26. <https://doi.org/10.18231/i.ijcaap.2022.004>.
- **Badadhe, S.**, Singh, G., & Jain, N. (2022). Anti-Oxidant Activity and Pharmacokinetic Parameters of Γ -Oryzanol Loaded Solid Self-NanoEmulsion. *Bulletin of Environmental Pharmacology and Life Sciences*, 11(3), 28-32. February 2022.
- **Badadhe, S.**, Singh, G., Jain, N. (2023). Preparation, Characterization and In-vitro Evaluation of Gamma Oryzanol Loaded Self-nanoemulsifying Drug Delivery Systems. *Advances in Pharmacology and Pharmacy*, 11(2), 168-178. DOI: 10.13189/app.2023.110208.
- **Badadhe, S.**, Ghorpade, K., & Gavit, S. (2023). Overview of plant giant taro. *International Journal of Pharmacognosy and Clinical Research*, 5(1), 22-27. DOI: 10.33545/2664763X.2023.v5.i1a.27
- Ghorpade, K., & **Badadhe, S.** (2023). The effectiveness of chaff flower against snake bite (*Achyranthes aspera*). *International Journal of Pharmacognosy and Clinical Research*, 5(1), 16-21. DOI: 10.33545/2664763X.2023.v5.i1a.26
- **Badadhe, S.**, Gangarde, G., & Gangarde, T. (2023). Impact of Antisensitivity Toothpaste on Oral Health. *World Journal of Pharmaceutical Research*, 12(7), 1043-1060. DOI: 10.20959/wjpr20237-27370
- Rajesh, M., Kharat, D., **Badadhe, S.**, et al. (2023). An Overview on Preparation and Therapeutic Evaluation of Polyherbal Mouthwashes. *Systematic Reviews in Pharmacy*, 14(9), 578-582. DOI: 10.31858/0975-8453.14.9.578-582
- Rajesh, M., Jayashri, K., **Badadhe, S.**, Nikita, S., & Tanuja, P. (2023). Comparative pharmacognostic study and qualitative study of Curcuma and Amla. *International Journal of Engineering Research and Applications*, 13(6), 78-89.
- Sandip G Badadhe, Preeti Kulkarni, Ganesh S Gangarde, Tejas S Gangarde. *Advancements in Medicinal Approaches for Vitiligo Management: From Ancient Remedies to Modern Therapies. Research & Reviews: A Journal of Pharmaceutical Science*. 2023; 14(3): 1–9p
- Dr. Sandip Badadhe, Vaishanvi Bhosale, Dr. Preeti Kulkarni, Dr. Hemant Gangurde. *Huntington Disease: Brief Overview*. (2024). *Innovative Journal of Medical and Healthcare Research*, 1(1), 1-11. <https://ijmhr.com/index.php/ijmhr/article/view/1>
- Birajdar A, Chavan B, **Badadhe S**, Bhusnar H, Yadav J. Novel HPLC Method Validation for Quantification of Dapagliflozin in Bulk Drug and Formulation. *International Journal of Drug Delivery Technology*. 2024;14(1):316-322.(Q3)
- Chavan B, Birajdar A, Bhusnar H, Yadav J, **Badadhe S**. A New Stability Indicating HPLC Method for Related Substances in Dapagliflozin. *International Journal of Drug Delivery Technology*. 2024;14(1):367-372. (Q3)
- Badadhe S, Bhusnar H, Birajdar A, Yadav J, Chavan B. Development and Validation of New Discriminative Dissolution Method for Dapagliflozin Tablets. *International Journal of Drug Delivery Technology*. 2024;14(1):396-404. (Q3)
- Sarukh V.S, Supekar A.V, Khandagale S.S, Saudar S.S, **Badadhe S.G** *Futuristic Trends in Pharmacy & Nursing* ISBN: 978-93-6252-140-8 IIP Series, Volume 3, Book 2, Part 2, Chapter 1 Future Trends In Herbal Cosmetics Containing Several Ingredients.
- Aditya Ojha, Kunal Kanti Thakur, Dr. Sandip Gahininath Badadhe, Soumik Chatterjee *Colour Doppler Ultrasound Evaluation Of Umbilical Artery And Middle Cerebral Artery In Suspected IUGR Fetuses*. (2025). *Innovative Journal of Medical and Healthcare Research*, 2(1), 17-33. <https://doi.org/10.61808/ijmhr18>