**Dnyandev Gajanan Gadhave, Ph.D.**

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# Education:

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| **Qualification** | **Institute** | **Board/University** | **Percentage** | **Grade** | **Academic Year** |
| **Ph.D. (Pharmaceutics)** | Sinhgad Institute of Pharmacy, Narhe, Pune | Savitribai Phule Pune University, Pune | - | Awarded | 2016-2020 |
| **M. Pharmacy** | M. M, College of Pharmacy, Pune | Savitribai Phule Pune University, Pune | 66.64% | First-class | 2012-2014 |
| **B. Pharmacy** | Alard College of Pharmacy, Pune | Savitribai Phule Pune University, Pune | 73.33% | First-class with distinction | 2008-2012 |

**GPAT National level Examination 2014:** Qualified

# Projects undertaken:

**Ph.D. project:**

* Formulation and Evaluation of Nanoparticulate Drug Delivery System for Brain Targeting.

# Work Experience:

* **Assistant Professor** in the Department of **Pharmaceutics** at Dattakala College of Pharmacy, Swami Chincholi, Daund, 413130, May 2021 to December 2022.
* **Assistant Professor** in the Department of **Pharmaceutics** at HSBPVT’S, GOI, College of Pharmacy Kashti, 414701, from July 2019 to March 2021.
* **Full-time Research Scholar in the** Department of **Pharmaceutics** at Sinhgad Institute of Pharmacy, Narhe, Pune, 411041, from February 2016 to February 2019.
* Work as **QC - Officer** in a Quality Control department at the method development section in Cipla Ltd D-7 MIDC industrial area Kurkumbh from January 2015 to April 2015.

# Research publications in the high impact of international journals:

* Gadhave, D., Khot, S., Tupe, S., Shinde, M., Tagalpallewar, A., Gorain, B., Kokare, C., 2022b. Nose-to-brain delivery of octreotide acetate in situ gel for pituitary adenoma: Pharmacological and in vitro cytotoxicity studies. **International Journal of Pharmaceutics**. 629, 122372. <https://doi.org/10.1016/j.ijpharm.2022.122372>. **(If. 6.51). Publisher: Elsevier.**
* Gadhave, D., Gupta, A., Khot, S., Tagalpallewar, A., Kokare, C., 2022a. Nose-to-brain delivery of paliperidone palmitate poloxamer-guar gum nanogel: Formulation, optimization and pharmacological studies in rats. **Annales Pharmaceutiques Françaises.** https://doi.org/10.1016/j.pharma. 2022.08.010. **(If. 0.89). Publisher: Elsevier.**
* **Gadhave, D.,** Tupe, S., Tagalpallewar, A., Gorain, B., Choudhury, H., Kokare, C., 2021. Nose-to-brain delivery of amisulpride-loaded lipid-based poloxamer-gellan gum nanoemulgel: *In vitro* and *in vivo* pharmacological studies. **International Journal of Pharmaceutics.** 607, 121050. https://doi.org/10.1016/j.ijpharm.2021.121050. **(If. 6.51). Publisher: Elsevier.**
* **Gadhave, D.,** Rasal, N., Sonawane, R., Sekar, M., Kokare, C., 2020. Nose-to-brain delivery of teriflunomide-loaded lipid-based carbopol-gellan gum nanogel for glioma: Pharmacological and *in vitro* cytotoxicity studies. **International Journal of Biological Macromolecules.** 167, 906-920. https://doi.org/10.1016/j.ijbiomac.2020.11.047. **(If. 8.025). Publisher: Elsevier.**
* Kokare, C., Koli, D., **Gadhave, D.,** Mote, C., Khandekar, G., 2020. Efavirenz-loaded intranasal microemulsion for crossing blood-CNS interfaces in neuronal-AIDS: pharmacokinetic and in vivo safety evaluation. **Pharmaceutical Development and Technology**. 25, 28–39. https://doi.org/10.1080/10837450.2019.1659818. **(If. 3.133). Publisher: Taylor & Francis.**
* **Gadhave, D.,** Gorain, B., Tagalpallewar, A., Kokare, C., 2019. Intranasal teriflunomide microemulsion: An improved chemotherapeutic approach in glioblastoma. **Journal of Drug Delivery Science and Technology.** 51, 276–289. https://doi.org/10.1016/j.jddst.2019.02.013.

# (If. 5.062). Publisher: Elsevier.

* **Gadhave, D.G.,** Kokare, C.R., 2019. Nanostructured lipid carriers engineered for intranasal delivery of teriflunomide in multiple sclerosis: optimization and in vivo studies. Drug Development and Industrial Pharmacy. 45(5), 839-851.

https://doi.org/10.1080/03639045.2019.1576724. **(If. 3.232). Publisher: Taylor & Francis.**

* **Gadhave, D.G.,** Tagalpallewar, A.A., Kokare, C.R., 2019. Agranulocytosis-Protective Olanzapine-Loaded Nanostructured Lipid Carriers Engineered for CNS Delivery: Optimization and Hematological Toxicity Studies. [***AAPS PharmSciTech***](https://link.springer.com/journal/12249)**.** https://doi.org/10.1208/s12249-018-1213-y. **(If. 4.026). Publisher: Springer International.**
* **Gadhave, D.,** Choudhury, H., Kokare, C., 2018. Neutropenia and leukopenia protective intranasal olanzapine-loaded lipid-based nanocarriers engineered for brain delivery. **Applied Nanoscience.** 9, pages151–168. https://doi.org/10.1007/s13204-018-0909-3. **(If. 3.869). Publisher: Springer International.**

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**Reviewer of international journal:**

* Reviewer for International Journal of Biological Macromolecules, **Impact Factor: 8.025**, **Publisher: Elsevier.**
* Reviewer for Polymer Bulletin**, Impact Factor: 2.843, Publisher: Springer.**
* Reviewer for International Journal of Nanomedicine**, Impact Factor: 6.400, Publisher: Dove Medical Press.**
* Reviewer for European Journal of Drug Metabolism and Pharmacokinetics, **Impact Factor: 2.441**, **Publisher: Springer International.**

# Patent:

* Brain targeted delivery of protein and peptide drugs through nasal composition. **(First examination report submitted).**

# Professional Awards:

* Awarded **second prize at state-level seminars** on “exploring the potential of medicine natural product for the management of cancer” held at Sinhgad College of Pharmacy, Pune, on January 18- 19, 2019.
* Awarded **second prize at PPG level under the discipline Medicine and Pharmacy in 11th Maharashtra state Inter-University research convention Avishkar-2016** held at Swami Ramanand Teerth Marathwada University, Nanded during January 27-29, 2017.

# Poster presented in national/ international seminars/ conferences:

* Poster presented at state-level seminars on “Exploring the Potential of Medicine Natural Product for Management of Cancer” held at Sinhgad College of Pharmacy, Pune, on January 18-19, 2019.
* Poster presented in Pune University sponsored national seminar on “new trends in drug designing and molecular modeling” organized by Alard College of Pharmacy, on January 7-9, 2010.

# Poster presented in Avishkar 2016:

* Poster presented in state-level research competition at **post PG level** under the discipline **Medicine and Pharmacy** in 11th Maharashtra state Inter-University research convention Avishkar-2016 held at Swami Ramanand Teerth Marathwada University, Nanded during January 27-29, 2017.
* Poster presented in University-level research competition **at post PG level** at Avishkar-2016 research competition in the **Medicine and Pharmacy** category held at Savitribai Phule Pune University on January 10-11, 2017.
* Poster presented in zonal level research competition at **post PG level** at Avishkar-2016 research competition in the **Medicine and Pharmacy** category held at Sinhgad Institute of Pharmacy, Narhe, Pune, on October 15, 2016.

# Achievements and extracurricular activities:

* Completed a one-day comprehensive certificate program on “C-GMP, quality, productivity, validation & positive attitude as an organizational culture for corporate growth” conducted by IPER on August 11, 2010.
* Completed a one-day comprehensive certificate program on “pharma marketing-art science and profession” conducted by IPER” on October 13, 2010.
* Completed a one-day comprehensive certificate program on “clinical research and drug development challenges and opportunities” conducted by IPER” on November 19, 2011.

# Conferences/workshops/seminars attended:

* Participation in state-level seminar ‘design of experiment (DOE) bridging the gap between academic and industry on February 4, 2017, under the quality improvement program (QIP) scheme organized by Sinhgad College of Pharmacy, Pune.

**Professional Memberships:**

* Life membership with the Association of Pharmaceutical Teachers of India (APTI).
* Registered Pharmacist, life membership with Pharmacy Council of India (PCI).