

Dr. Kailas Madhukar Karande

Professor

Campus Address:

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ARVIND GAVALI COLLEGE OF PHARMACY
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Education:

PhD (2021): Shivaji University, Kolhapur
M. Pharm. (2006): Nandha College of Pharmacy, Erode, Tamil Nadu.
B. Pharm. (2001): Bharati Vidyapeeth's College of Pharmacy, Kolhapur

Professional Work Experience:

October 3, 2006 to June 22, 2023: Assistant Professor, Satara College of Pharmacy, Satara.
June 23, 2023 to till date: Arvind Gavali College of Pharmacy, Jaitapur, Tal. & Dist. Satara. Gat No. 261, A/P Jaitapur, Tal. & Dist. Satara.

Subject Taught:

UG- Pharmaceutics-I, Physical Pharmaceutics I and II, Pharm. Technology I, II and III
PG- Modern Pharmaceutics, Biostatistics and research methodology, Cosmetics and Cosmeceuticals, DRA

Research Interests:

ORCID Id: 0000-0002-1620-7466

Google Scholar Citations: h-index: 05 **i-10 index: 03**

Scopus Citations: h-index: 01 **i-10 index: --**

Honors & Awards:

Research Profile:

Publications: 19 International: 05 National: 14 Number of Presentations: 13

Conference Attended: 03 International: 01 National: 02

Research Projects:

Teachers research scheme 2014 by Shivaji University, Kolhapur, Title: "Design and development of Pharmaceutical Solar Dryer" Research funding: 25000/-

Administrative Profile: Seventeen years of experience in teaching and research, ready to do and provide incomparable student care, teaching, research, and administrative work. Good academic and research record. Passionate about the belief that research is essential to the escalation and success of an organization that wishes to scale and achieve higher levels of reputation. Always been a student to learn digital tools and its exploration in education.

Publications:

1. "Formaldehyde induced Anti-arthritis activity of seeds of *Celastrus paniculatus*". J.S.Suryawanshi, K.M.Karande, R.J.Dias and K.S.Patil, Ind.J.Nat. Prod., Vol.24, 2, June2008, 20-23.
2. "Antibacterial activity of Bark and Fruits of *Myrica nagi*", J.S.Suryawanshi, K.M.Karande and B.V.Udugade, Ind J Natl Prod., Sept. 2009, 25 (3), 21-23
3. "Mouth Dissolving Films: Innovative Vehicle for Oral Drug Delivery", Prasanna P. Ghodake, Kailas M. Karande, Riyaz Ali Osmani, Rohit R. Bhosale, Bhargav R. Harkare, Birudev B. Kale, International Journal of Pharma Research & Review, Oct 2013; 2(10), 41-47
4. "Green Synthesis of Nanosilver and its Effect on Phase Solubility of Few BCS Class II Drugs", Dr. Ajit Shankarrao Kulkarni, Mr. Kailas Madhukar Karande, Dr. Nagesh Hanumantrao Aloorkar, Mr. Jayprakash Sitaram Suryavanshi, World Journal of Pharmaceutical Research, Aug. 2014, 3(6), 440-456.
5. "Study of Cross-Linked Sodium Carboxymethylcellulose (NaCMC) as an Alternative Superdisintegrant in Fast Dissolving Formulation", A. S. Kulkarni, S. H. Majumdar, N. H. Aloorkar, K. M. Karande, Dada D. Kodalkar, World Journal of Pharmaceutical Research, Aug. 2014, 3(7), 396-409.
6. "Exploring 'Samudra-Fen' as an Alternative Excipient in the Manufacturing of Fast Disintegrating Tablet", A. S. Kulkarni, S. H. Majumdar, N. H. Aloorkar, K. M. Karande, S.N. Dhaygude, World Journal of Pharmaceutical Research, Aug. 2014, 3(7), 429-452.
7. "Challenges to the Pharmacists across the few Developed Countries: A brief review, Kailas Karande", A.S. Kulkarni, B.S. Surve, International Journal of Current Pharmaceutical Sciences 1 (2), 2014, 127-129.
8. "Malaria: A Life Threatening Disease, Chavare S.D.", Karande K.M., Research Front (2), Nov.2014, 79-84

9. "Application of Augmented Simplex-Mixture Design for Synthesis of Elemental Silver and its Effect on Insolubility of Ibuprofen", Kailas M. Karande and Shivaji P. Gawade, *Der Pharmacia Lettre*, 2018, 10 [9]: 56-70
10. "Biosynthesis of Nanosilver and Its Effect on the Insolubility of Simvastatin", K. M. Karande and Shivaji. P. Gawade, *International Journal of Pharmacy and Biological Sciences*, 8(4), 2018,77-84.
11. "Isolation of bacteria from metal contaminated environment and its application in synthesis of nanosilver", Kailas M Karande and Shivaji P Gawade. *The Pharma Innovation Journal* 2018; 7(10): 396-399.
12. "Appliance of Augmented Simplex Mixture Design in Extraction of Lemon Seed Mucilage for Stabilization of Nanosilver", Kailas Madhukar Karande, Shivaji Prataprao Gawade. *Asian J. Pharm. Tech.* 2019; 9 (1):31-39 doi: 10.5958/2231-5713.2019.00007.2
13. "Kailas M. Karande, Shivaji P. Gawade. Synthesis of Nanosilver and its Comparative Evaluation of Cytotoxic Activity. *Research J. Pharm. and Tech* 2020; 13(2):659-663. doi: 10.5958/0974-360X.2020.00126.2
14. "Design and Characterization of self Nano emulsifying Drug Delivery System for Terbinafine Hydrochloride", Tengashe Sajiri, Kailas Karande, Sudke Suresh, *Paideuma Journal*, XIII, Aug.20, 221-230
15. "In silico Biopharmaceutical Prediction of silver Nanoparticle and Ibuprofen Complex", Kailas M. Karande, Shivaji P. Gawade, *Research J. Pharm. and Tech* 2021; 14(3):1736-1740. doi: 10.5958/0974-360X.2021.00309.7.
16. 'A REVIEW: SOLID LIPID NANOPARTICLES', Lendave S.S., Karande K. M., *IJCRT*,9 (5), May 2021.
17. A review on: Biopharmaceutics Classification system, Mali S. N., Karande K. M. *IJCRT*, (9), 5, 2021
18. Reductive Biotransformation of Ethyl Acetoacetate: A Comparative Studies using Free and Immobilized Whole Yeast Cells, in Proceedings of the 11th International Electronic Conference on Synthetic Organic Chemistry, 1–30 November 2007, MDPI: Basel, Switzerland, doi:10.3390/ecsoc-11-01337, Published: 30 November 2007. (Session: Bioorganic Chemistry and Natural Products). Kumbhar, A.R.; Kulkarni, V.V.; Pande, M.B.; Karande, K.; Laddha, S.S.