

## BIODATA

**Name** : **Dr. Kapil D. Kamble**  
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### **Academic Qualification:**

- ❖ M Sc in Microbiology 2002
- ❖ NET in Life Sciences 2003
- ❖ Ph D in Microbiology 2011 on topic entitled “Studies on nuclease producing bacteria from soil of Akola district”

### **Teaching experience:**

- ❖ Assistant Professor in Shri Shivaji College Akola from 22<sup>nd</sup> December 2003 to 27<sup>th</sup> September 2010
- ❖ Assistant Professor in Sant Gadge Baba Amravati University, Amravati 28<sup>th</sup> September 2010 to 20<sup>th</sup> February 2014
- ❖ Associate Professor in Sant Gadge Baba Amravati University, Amravati 28<sup>th</sup> September 2010 to 20<sup>th</sup> February 2014

### **Contribution to corporate life through committees and duties assigned by the authority**

- ❖ Nominated by Honorable Vice- Chancellor as Member in Board of studies in Microbiology (SGBAU)
- ❖ Member NAAC committee (Criterion II)
- ❖ Nominated by Honorable Vice- Chancellor as Member of Student Development Cell (SGABU)
- ❖ Organizing secretary National Science Day
- ❖ Member of Committee constituted U/s 48 (3)
- ❖ Member Subject Examination Committee in Microbiology (SGBAU)
- ❖ Member Innovation Day Celebration
- ❖ Co-convenor in SGBAU startup festival
- ❖ Guided project in Avishkar Competition at State Level
- ❖ Member Association of Microbiologist of India
- ❖ Member Microbial World

### Research Projects Handled:

- ❖ Completed one minor research project entitled “Obtaining nucleases from soil bacteria” sanctioned for Rs. 2,00,000/-.
- ❖ Completed one minor research project entitled “Phylogenetic Study of Some Efficient Deoxyribonuclease Producing Bacteria from soil; Purification and Properties of Deoxyribonucleases” for Rs. 9.29/- lakh.
- ❖ Currently carrying a major research project entitled “Extraction and evaluation of potent natural products of medicinal plants of Melghat forest for blocking viral enzyme” for 42.75/- lakh sanctioned by Rajiv Gandhi Science and Technology Commission, Mumbai.

**Nucleotide Submissions:** 30 nucleotide sequences deposited to NCBI.

### Book chapters:

- ❖ Kamble K. D. (2017): Signifying plant microbe interaction. In: Arya A, Maheshwari R K, Bharti P.K. (eds) Biotechnology and Environment Management. Discovery Publishing House India pp 36-49.
- ❖ Muley V.Y., Bojórquez S.A.F., Kamble K.D. (2021) Nervous System of Invertebrates. In: Vonk J., Shackelford T. (eds) Encyclopedia of Animal Cognition and Behavior. Springer, Cham. [https://doi.org/10.1007/978-3-319-47829-6\\_1227-1](https://doi.org/10.1007/978-3-319-47829-6_1227-1)

### List of publications

1. Kawle, P. R., & Kamble, K. D. (2020). Synthesis of pyrazines and imidazoles using lemon juice (Citrus limon) as a recyclable catalyst. *Indian Journal of Chemistry-Section B (IJC-B)*, 59(12), 1887-1892.
2. P. R. Kandalkar, S. A. Waghuley, Y. A. Gadhikar and K. D. Kamble (2019) Application of chemically synthesized ZnO nanoparticles as an antibacterial paper. *Review of Research* 1(1): 87-91
3. K.D. Kamble and S. R. Bhagat (2017). Silver oxide nanoparticle synthesis from *Bacillus* species and its anti-bacterial action against clinical pathogens. *American Journal of Pharmacy and Health Research* 5(1):1-11.
4. K. D. Kamble (2017). Influence of various lights on growth of purple phototrophic bacteria. *World Journal of Pharmacy and Pharmaceutical Sciences*. 6 (1): 1705-1712
5. K. D. Kamble (2016). Cultivation of purple phototrophic bacteria using agricultural waste media *International Research Journal of Pharmaceutical and Biosciences*. 3(5): 20-27
6. K.D. Kamble (2016) Potential of Halophilic Bacteria for Extracellular Enzymes. *International Journal of Current Microbiology and Applied Sciences* 5(10): 379-385
7. K. D. Kamble (2015). Determination of Potential of Halophilic *Bacillus* and *Alishewanella* Species for Decolorization of Acid Blue Dye *Int. J. Pure App. Biosci.* 3 (4): 224-230

8. K. D. Kamble & P.S. Kokate (2015) Production and keeping quality of yogurt from buffalo and cow milk- a traditional milk product of high health value. Indian Journal of Traditional Knowledge 14(2): 279-284.
9. K.D.Kamble and D. K. Galerao (2015): Indole acetic acid production from *Pseudomonas* Species isolated from rhizosphere of garden plants in Amravati. Int. J. of Advances In Pharma, Biol. & Chem. Vol. 4(1): 23-31.
10. K.D. Kamble and G.B. Wadule (2014). Extraction of PHB and bacteriorhodopsin from anoxygenic photo-heterotrophic bacteria isolated from Wadali Lake. Int. J. Pure App. Biosci. 2 (6): 201-208
11. K. D. Kamble and M. A. More (2013). Bacterial decolorization of acid yellow dye obtained from textile industry effluents. Int. J. Pharma & Biosc. Oct; 4(4): (B) 763 – 769.
12. Vyawahare S. S., Kamble K.D., Waghmare V.D. and Kamble (2013). L.Characterization of actinomycetes for some industrially important enzymes. Trends in Biotechnology Research Vol. 2 (2):1-7.
13. Kamble K. D. and P.V.Gadakh (2012). Obtaining deoxyribonucleases from soil bacterium belonging to *Aeromonas* species. Research Journal of Biotechnology, Vol 7(4):88-95.
14. K. D. Kamble and A. C. More and V.Y.Muley (2012). Effect of incubation on DNase production by a moderate thermophilic bacterium screened from arid land. Journal of Pure & Applied Microbiology. Vol. 6(1): 265-269.
15. K.D. Kamble and V.S. Pinjare (2012). Extra-cellular Ribonuclease Production from *Pseudomonas* species. Asian Journal of Experimental Biological Sciences. 3(4):810-815.
16. K.D. Kamble and P.J. Khade (2012). Studies on antineoplastic enzyme producing bacteria from soil. Int J Pharm Biomed Res Vol. 3(2): 94-99.
17. Kamble K.D. and Hiwarale V.D. (2012). Prodigiosin production from *Serratia marcescens* strains obtained from farm soil. International Journal of Environmental Sciences. Vol 3 (1): 631-638.
18. Kamble K.D. and Deshmukh S.M. (2012): Influence of Metals on Activity of Extracellular Deoxyribonuclease Produced by *Aeromonas* species Int. J. Res. Chem. Environ. 2(4) : 29-33.
19. K.D.Kamble, V.Y.Muley L.H.Kamble, P.R. Bidwe, M.Musaddiq, D.G.Bhadange (2012). Characterization of l-asparaginase producing bacteria from saline soil, farm soil and water Bioscience Discovery Vol 3(1):116-119.
20. K.D. Kamble (2011). Prediction of Better Deoxyribonucleic Acid Hydrolase Producing Bacterium among Pigmented and Non-pigmented *Serratia marcescens* Strains from Soil. Biosciences, Biotechnology Research Asia Volume 08 (1):307-311.
21. K.D.Kamble, L. H. Kamble and M. Musaddiq (2011) Optimization of pH and temperature for deoxyribonuclease producing bacteria obtained from soil. Bioscience Discovery, 2 (3): 378-385.

22. A.P.Hiwale and K. D. Kamble (2011) Effect of aeration on deoxyribonuclease production by pigmented strain of *Serratia marcescens*. Indian Streams Research Journal, 1 (11):1-4.
23. D.K.Koche, D.G.Bhandange and K. D. Kamble (2011). Antibacterial activity of three medicinal plants Bioscience Discovery Vol 02 (1), pp 69-71.
24. K. D. Kamble, D.K. Koche and M. Musaddiq (2010) Search of efficient DNase producing bacterium from soil. Deccan Current Science. .Vol.3 (2) pp 162-169.
25. K. D. Kamble and M. Musaddiq (2008). Characterization of nuclease producing soil bacteria. .J. Microb. World 10 (2) p.p.113-17.