



CURRICULUM VITAE

1. PERSONAL INFORMATION:

1. Name	:	Dr. Komal Kundan Bhise
2. Address: Office		Vivekanand College, 2130 E-Ward, Tarabai Park, Kolhapur-416003.
Residence	:	Flat no. 8, Ratnadeep society, near KDCC bank, Shahupuri, Kolhapur.
3. Contact No.	:	Mob. 8329252799
4. E-mail	:	komalbhise7@gmail.com ; kb.microbe@gmail.com
5. Present Designation	:	Assistant Professor
6. Mode of Appointment	:	Temporary
7. Subject/department	:	Microbiology
8. Date of birth	:	26 th December 1990
9. Religion and caste	:	Hindu- Mang
10. Nationality	:	Indian
11. Sex	:	Female
12. Marital status	:	Married
13. Mother tongue	:	Marathi
14. Languages known	:	Marathi, Hindi, English.

2. ACADEMIC QUALIFICATION:

Sr.No.	Degree	University	Year	Class
1.	Ph.D.	Shivaji University	November 2017	-
2.	M.Sc.	Shivaji University	April 2013	Distinction
3.	B.Sc.	Shivaji University.	April 2011	Distinction
4.	HSC	Kolhapur Board	2008	First class
5.	S.S.C	Kolhapur Board	2006	First class
6.	NET	ICAR	Apr 2018	-
7.	GATE	IIT	March 2013	-

3. TEACHING EXPERIENCE:

Sr. No.	Duration	Institution	Designation	Total Experience (years)
1.	From Aug 2023	Vivekanand College, Kolhapur	Asst. Professor	03
2.	2019-2023	Devchand College, Nipani	Asst. Professor	04
3.	2013-2016	Shivaji University, Kolhapur	Asst. Professor	03
4.	2013-2015	Rajaram College	CHB	02

4. RESEARCH PUBLICATIONS:

Sr.No	Date	Research publications
1.	2025	Regulation of salt stress tolerance by key transcription factor (Book Chapter). In Book, Plant transcription factors: Key regulators of stress tolerance mechanisms, Scrivener publishing, USA.
2.	2025	Drought stress in plants and possible methods of alleviation. International Journal of Research and Analytical Reviews 488-512
3.	2025	Effect of poultry waste derived feather degraded lysate on seed germination and growth of <i>V. radiata</i> L. Vivek Research E-Journal
4.	2025	Effect of waste tea powder infused bio formulation on the germination of seeds. Vivek Research E-Journal
5.	2023	Waste-based bioethanol production by using food, fruit, banana, grain wastes (Book Chapter). Value-addition in agri-food industry waste through enzyme technology
6.	2019	Mitigation of salinity stress in plants using plant growth promoting bacteria. Symbiosis . 79, 191-204.
7.	2019	Alleviation of salinity stress in rice plant by encapsulated salt tolerant plant growth promoting bacteria <i>Pantoea agglomerans</i> strain KL and its root colonization ability. Archives of agronomy and soil science . 65, 1955-1968
8.	2018	Use of statistical experimental methods for optimization of collagenolytic protease production by <i>Bacillus cereus</i> strain SUK grown on fish scales. Environmental Science and Pollution Research . 25, 28226-28236
9.	2017	Synergistic effect of <i>Chryseobacterium gleum</i> sp. SUK with ACC deaminase activity in alleviation of salt stress and plant growth promotion in <i>Triticum aestivum</i> L. 3Biotech . 7, 105-118.
10.	2017	Plant growth promoting characteristics of salt tolerant <i>Enterobacter cloacae</i> strain KBPD and its efficacy in amelioration of salt stress in <i>Vigna radiata</i> L. Journal of Plant Growth Regulation , 36, 215-226.
11.	2016	Phytochemical profiling and antimicrobial potential of <i>Santalum album</i> L., <i>Morinda citrifolia</i> L. and <i>Mucuna pruriens</i> L. Research Journal of Life sciences, Bioinformatics, Pharmaceutical, and Chemical Sciences , 1, 262-272

12.	2015	Evaluation of phytochemicals and <i>in vitro</i> antimicrobial activity of aqueous and ethanolic extract from seeds of <i>Ricinus communis</i> Linn” in European Journal of Biotechnology and Bioscience , 3, 19-23
13.	2013	Amylase production from potato and banana peel waste. International Journal of Current Microbiology and Applied Sciences

5. RESEARCH PRESENTATION:

Sr. No	Date	Research Presentation
1.	2026	Production of low calorie xylitol from sugarcane bagasses. Oral presentation in three-day international conference on Biomake in India III Organized by Organized by Krishna Institute of Allied Sciences, Krishna Vishwa Vidyapeeth, Karad in collaboration with Microbiologists Society India 19-21 st January 2026
2.	2026	Value addition of fish scale waste through the development of gelatin derived biodegradable plastic films. Poster presentation in three-day international conference on Biomake in India III Organized by Organized by Krishna Institute of Allied Sciences, Krishna Vishwa Vidyapeeth, Karad in collaboration with Microbiologists Society India 19-21 st January 2026
3.	2026	Formulation of culture media from banana peel waste. Poster presentation in three-day international conference on Biomake in India III Organized by Organized by Krishna Institute of Allied Sciences, Krishna Vishwa Vidyapeeth, Karad in collaboration with Microbiologists Society India 19-21 st January 2026
4.	2025	Multifarious plant growth promoting bacteria supports seed germination of drought stressed <i>Vigna aconitifolia</i> . Poster presentation in three-day international conference on Biomake in India II Organized by Organized by Krishna Institute of Allied Sciences, Krishna Vishwa Vidyapeeth, Karad in collaboration with Microbiologists Society India and Yashwantrao Chavan Institute of Science, Satara, 19-21 st January 2025
5.	2017	Mitigation of salinity stress using plant growth promoting bacteria. Poster presentation in “ 3rd International Conference on Innovative Research in Science and Technology ” (ICIRST-2017) Organized by Gopal Krishna Gokhale College, Kolhapur. November, 7-8, 2017.
6.	2017	Maximum phosphate solubilization with the help of statistical technique. Poster presentation in “ National conference on innovative research in chemical sciences ” (IRCS-2017) organized by Department of Chemistry, Shivaji University, Kolhapur. February, 1-2, 2017.
7.	2014	Biodegradation and decolorisation of Reactive Blue MR, using <i>Aspergillus</i> and <i>Penicillium</i> species isolated from textile effluent. Oral presentation in “ National conference on recent trends and future prospects in multidisciplinary approaches in microbiology ” (RTFPM -2014) organized by Department of Microbiology, Rajaram college, Kolhapur. October, 4-5, 2014

6. CONFERENCE/ WEBINAR ATTENDED:

Sr. No.	Date	Venue	Name of Organizer	Conference/Webinar
1.	17 th April 2021	Devchand College, Arjun Nagar	Department of Microbiology, Devchand College, Arjun Nagar, In association with Microbiologists Society India	National Webinar on “Microbial Resource Centers and their Role in Preservation of Microbial Diversity
2.	22 nd and 23 rd April 2015	Sadguru gadagemaharaj college, karad	Sadguru gadagemaharaj college, karad in collaboration with Shivaji University, Kolhapur	International conference on, “Contemporary Research in Chemical and Life sciences”
3.	4 th and 5 th October 2014	Rajaram college ,Kolhapur.	Department of Microbiology, Rajaram college, Kolhapur.	National conference on Recent Trends and Future Prospects in Multidisciplinary Approaches in Microbiology.(RTFPM)
4.	21 st Jan	Department of Microbiology, Shivaji University, Kolhapur	Department of Microbiology, Shivaji University, Kolhapur, In association with Indian Research Scholar Association for promoting Science.	International Webinar on “Advances in life Sciences”
5.	29 th -30 th January 2001	R.K.Talreja college of arts, science and commerce, Ulhasnagar, Mumbai	R.K.Talreja college of arts, science and commerce, Ulhasnagar, Mumbai	National conference on “Current Trends In Biological Science

7. WORKSHOP/TRAINING PROGRAM/SEMINAR ATTENDED

Sr. No.	Date	Venue	Name of organizer	Workshop/Training program/Seminar
1.	6 th January 2026	Krishna Vishwa Vidyapeeth, Karad	Krishna Institute of Science and technology	One day workshop Research proposal writing
2.	18 th April 2025	Bharati Vidyapeeths, Pune Abhijit Kadam Institute of Management and Social Sciences, Solapur	Abhijit Kadam Institute of Management and Social Sciences, Solapur	One day workshop Intellectual property Rights : Introduction, hands on training and case studies
3.	27 th December 2024	Yashwantrao Mohite College of Arts, Science And Commerce	Department of Microbiology & Microbiologists Society India	“Vedic Microbiology”

4.	21 th September 2024	Intellectual Property Office	Intellectual Property Office	“ National Intellectual Property Awareness Mission” Training Program
5.	29 th February 2024	Shivaji University	All India Coordinated Research Project on Mushroom, Pune Centre, College of Agriculture Pune and SUK Research and development Foundation, Department of Food Science and Technology	One day Training Program on “ Oyster Mushroom Cultivation and Processing ”
6.	15 th June 2021	Devchand College, Arjunnagar	Department of Agrochemicals and Pest management and DST-FIST sponsored Science Instrumentation Facility Center (SIFC), Devchand College, Arjunnagar	One day National level workshop on “ Chromatography and Spectroscopy ”
7.	25 th and 26 th March 2021.	Yashwantrao Chavan College Of Science, Karad	Internal Quality Assurance Cell (IQAC) & Department of Microbiology, Yashwantrao Chavan College Of Science, Karad	Two Days Online Workshop on “ Changed Syllabus of M.Sc. II Microbiology, Semester III & IV ”.
8.	4 th March 2014	Shivaji University, Kolhapur.	Department of Microbiology, Shivaji University, Kolhapur.	“Future Perspective of Biological Sciences”
9.	21 st December 2013	Rajaram College Kolhapur	Himedia Laboratories Pvt.Ltd	One day workshop on “ Molecular biology ”
10.	22 th August 2015	Rajaram College Kolhapur	Rajaram College Kolhapur	One day workshop on “ Women Empowerment ”

8. Other Activities: -

1. Submitted three 16S rDNA sequence to NCBI of isolated *Enterobacter cloacae* strain KBPD (KU 759932), *Chryseobacterium gleum* sp. SUK (KX396055) and *Pantoea agglomerans* strain KL (KX879607).

2. Worked as Evaluator for three-day international conference on Biomake in India III Organized by Krishna Institute of Allied Sciences, Krishna Vishwa Vidyapeeth, Karad in collaboration with Microbiologists Society India 19-21st January 2026
3. Worked as Secretary for One day International Webinar on “Recent trends in Microbiology” Organized by Department of Microbiology, Devchand College, Arjunnagar, In association with Microbiologists Society India, on 19th June 2021.
4. Worked as Secretary for Ten days “NET-SET Coaching Program” Organized by Department of Microbiology and Agrochemicals and Pest management, Devchand College, Arjunnagar, from 10th to 24th April 2021.