



## CURRICULUM VITAE

### 1. PERSONAL INFORMATION:

1. Name	:	<b>Dr. Komal Kundan Bhise</b>
2. Address : Office	:	Vivekanand College, 2130 E-Ward, Tarabai Park, Kolhapur-416003.
Residence	:	Flat no. 8, Ratnadeep society, near KDCC bank, shahupuri, Kolhapur.
Residence	:	Mob. 8329252799
4. E-mail	:	<a href="mailto:komalbhise7@gmail.com">komalbhise7@gmail.com</a> ; kb.microbe@gmail.com
5. Present Designation	:	Assistant Professor
6. Mode of Appointment :	:	Temporary
7. Subject/department	:	Microbiology
9. Date of birth	:	26 <sup>th</sup> December 1990
10. Religion and caste	:	Hindu- Mang
11. Nationality	:	Indian
12. Sex	:	Female
13. Marital status	:	Married
14. Mother tongue	:	Marathi
15. 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
5.	S.S.C	Kolhapur Board	2006	First
6.	NET	ICAR	Apr 2018	-
7.	GATE	IIT	March 2013	-

### 3. Teaching Experience :

Sr.	Duration	Institution	Designation	Total Experience
1.	From Aug 2023	Vivekanand College, Kolhapur	Asst. Professor	-
2.	2019-2023	Devchand College, Nipani	Asst. Professor	04
3.	2013-2016	Shivaji University, Kolhapur	Asst. Professor	03
4.	2013-2015	Rajaram College	Asst. Professor	02

### 4. Research papers :

Sr. No	Date	Presentation & publication
1.	2023	Waste-based bioethanol production by using food, fruit, banana, grain wastes (Book Chapter). <b>Value-addition in agri-food industry waste through enzyme technology</b>
2.	2019	Mitigation of salinity stress in plants using plant growth promoting bacteria. <i>Symbiosis</i> . 79, 191-204.
3.	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. <i>Archives of agronomy and soil science</i> . 65, 1955-1968
4.	2018	Use of statistical experimental methods for optimization of collagenolytic protease production by <i>Bacillus cereus</i> strain SUK grown on fish scales. <i>Environmental Science and Pollution Research</i> . 25, 28226-28236
5.	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. <i>3Biotech</i> . 7, 105-118.
6.	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. <i>Journal of Plant Growth Regulation</i> , 36, 215-226.
7.	2016	Phytochemical profiling and antimicrobial potential of <i>Santalum album</i> L., <i>Morinda citrifolia</i> L. and <i>Mucuna pruriens</i> L. <i>Research Journal of Life sciences, Bioinformatics, Pharmaceutical, and Chemical Sciences</i> , 1, 262-272
8.	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 <i>European Journal of Biotechnology and Bioscience</i> , 3, 19-23
9.	2013	Amylase production from potato and banana peel waste. <i>International Journal of Current Microbiology and Applied Sciences</i>
10.	2017	Mitigation of salinity stress using plant growth promoting bacteria. Poster presentation in “ <b>3rd International Conference on Innovative Research in Science and Technology</b> ” (ICIRST-2017) Organized by Gopal Krishna Gokhale College, Kolhapur. November, 7-8, 2017.
11.	2017	Maximum phosphate solubilization with the help of statistical technique. Poster

		presentation in “ <b>National conference on innovative research in chemical sciences</b> ” (IRCS-2017) organized by Department of Chemistry, Shivaji University, Kolhapur. February, 1-2, 2017.
12.	2014	Biodegradation and decolorisation of Reactive Blue MR, using <i>Aspergillus</i> and <i>Penicillium</i> species isolated from textile effluent. Oral presentation in “ <b>National conference on recent trends and future prospects in multidisciplinary approaches in microbiology</b> ” (RTFPM -2014) organized by Department of Microbiology, Rajaram college, Kolhapur. October, 4-5, 2014

<b>Date</b>	<b>Venue</b>	<b>Name of Organizer</b>	<b>Conference</b>
17 <sup>th</sup> April 2021	Devchand College, Arjunnagar	Department of Microbiology, Devchand College, Arjunnagar, In association with Microbiologists Society India	<b>National Webinar</b> on “Microbial Resource Centers and their Role in Preservation of Microbial Diversity
22 <sup>nd</sup> and 23 <sup>rd</sup> April 2015	Sadguru gadage maharaj college, karad	Sadguru gadage maharaj college, karad in collaboration with Shivaji University, Kolhapur	<b>International conference</b> on, “Contemporary Research in Chemical and Life sciences”
4-5/10/2014	Rajaram college ,Kolhapur.	Department of Microbiology,Rajaram college,Kolhapur.	<b>National conference</b> on Recent Trends and Future Prospects in Multidisciplinary Approaches in Microbiology.(RTFPM)
21 <sup>st</sup> Jan	Department of Microbiology, Shivaji University, Kolhapur	Department of Microbiology, Shivaji University, Kolhapur, In association with Indian Research Scholar Association for promoting Science.	<b>International Webinar</b> on “Advances in life Sciences”
29 <sup>th</sup> -30 <sup>th</sup> January 2001	R.K.Talreja college of arts, science and commerce, Ulhasnagar, Mumbai	R.K.Talreja college of arts, science and commerce, Ulhasnagar, Mumbai	<b>National conference</b> on “Current Trends In Biological Science

<b>Date</b>	<b>Venue</b>	<b>Name of organizer</b>	<b>Workshop</b>
15 <sup>th</sup> 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 <b>National level workshop</b> on “ <b>Chromatography and Spectroscopy</b> ”

25 <sup>th</sup> and 26 <sup>th</sup> 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 “ <b>Changed Syllabus of M.Sc. II Microbiology, Semester III &amp; IV</b> ”.
21 <sup>st</sup> December 2013	Rajaram College Kolhapur	Himedia Laboratories Pvt.Ltd	One day workshop on “ <b>Molecular biology</b> ”
22/08/2015	Rajaram College Kolhapur	Rajaram College Kolhapur	One day workshop on “ <b>Women Empowerment</b> ”

<b>Date</b>	<b>Venue</b>	<b>Name of Organizer</b>	<b>Seminar</b>
4/3/2014	Shivaji University, Kolhapur.	Department of Microbiology, Shivaji University, Kolhapur.	“Future Perspective of Biological Sciences”

#### **5. 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 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 19<sup>th</sup> June 2021.
3. Worked as Secretary for Ten days “NET-SET Coaching Program” Organized by Department of Microbiology and Agrochemicals and Pest management, Devchand College, Arjunnagar, from 10<sup>th</sup> to 24<sup>th</sup> April 2021.

#### **6. Extra curricular activities :**

1. Member of Microbiologist Society of India Student Unit.