

# CURRICULUM VITAE

## 1. PERSONAL INFORMATION:

1. Name	:	Dr. Savita D. Mali
2. Address : Office	:	Vivekanand College, 2130 E-Ward, Tarabai Park, Kolhapur-416003.
3. Residence	:	Plot no. 50/A, RS. No. 80/2, ZP Colony, Nagdevwadi, Post Fulewadi, Kolhapur 416010
4. Phone- Residence	:	Mob. 9822480845
5. E-mail	:	<a href="mailto:savitadmali23@gmail.com">savitadmali23@gmail.com</a>
6. Present Designation	:	Assistant Professor
7. Subject/department	:	Microbiology
8. Nationality	:	Indian
9. Mother tongue	:	Marathi
10. Languages known	:	Marathi, Hindi, English.

## 2. ACADEMIC QUALIFICATION:

Sr. No.	Degree	University	Year	Class
1.	Ph.D	Shivaji University	2022	-
2.	M.Sc.	Shivaji University	1998	First class with distinction
3.	B.Sc.	Shivaji University.	1996	First class with distinction
3	HSC	Kolhapur Board	1993	First class with distinction
4	S.S.C	Pune Board	1991	First class with distinction

### 3. Teaching Experience:

Sr.	Duration	Institution	Designation	Total experience
1.	Sept 2022 to till date	PG Dept. of Vivekanand College, Kolhapur.	Asst. Professor	Working at present
2.	1 August 2002 to 30 July 2022	UG Dept. of Microbiology, Rajaram College, Kolhapur	Asst. Professor	20 years
3.	1 August 2002 to 30 July 2022	UG Dept. of Industrial Microbiology, Rajaram College, Kolhapur	Asst. Professor	20 years

### 4. Research Activities:

- ❖ Completed a doctoral research

Institution: Shivaji University, Kolhapur

Guide: Dr. Y. C. Attar, Principal, Rajaram College, Kolhapur.

The topic of my doctoral research:

“Studies on Potassium Solubilizing Microorganisms and its use as Bio-inoculant”

- ❖ Worked as a guide for B.Sc. III Industrial Microbiology students for various research projects conducted at the Department of Industrial Microbiology, Rajaram College, Kolhapur.

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- ❖ **Paper publications:**

Sr. No.	Title of the paper	Title of the Journal	Year of publication	Abstracted and indexed in	Impact factor	Link
1.	Study of Phosphate Solubilising <i>Enterobacter cloacae</i> subsp. <i>cloacae</i> strain YCA for Production of Plant Growth Promoting Substances	International Journal of Pure and Applied Biosciences	2015 3 (1): 71-80		2.6	
2.	Isolation and Screening of Potassium Solubilising Microorganisms	Researches in Biosciences Agriculture and Technology (IJBAT)	Nov 2017	UGC listed and approved	ISSN 2347-517x	<a href="https://ijrbat.in/">https://ijrbat.in/</a>

3.	Synergistic Effect of potassium solubilizing <i>Enterobacter hormaechei</i> and <i>Klebsiella variicola</i> on the Germination of Potato	Akshar Wang International Research Journal (Print only)	Feb 2021	UGC care listed	ISSN: 2229-4929	-
4.	Antioxidant and Anti-inflammatory xylooligosaccharides produced from lignocellulosic materials	Bulletin of Environment Pharmacology and Life Sciences [BEPLS]	Mar 2021 129-134 Vol 10 [4]	UGC care listed Web Of Science, Chemical Abstract Services [USA], Eurasian Scientific Journal Index, Academia.edu	ISSN 2277-1808 SIS - 1.326 GIF-0.876	
5.	Formulation of cost-effective agro residues containing potassium solubilizing bacterial bio-inoculants using response surface methodology	Biocatalysis and Agricultural Biotechnology Elsevier publication	Aug 2021 Vol 35	UGC care list, Web of Science, Scopus, ESCI, SJR, BIOSIS Previews, Biological Abstracts, Google Scholar, Pascal Francis	0.983	<a href="https://doi.org/10.1016/j.bcab.2021.102113">https://doi.org/10.1016/j.bcab.2021.102113</a>
6.	Effect of potassium solubilizing bacterial consortium on the watermelon ( <i>Citrullus lanatus</i> ) cultivation	Advances in Bioresearch	May 2022 Vol 13 (3) 194-198	UGC care list NLM/PUBMED Web of Science, ICJME indexed	ISSN: 2277-1573 UIF 0.971 GIF 0.56	-
7.	Statistical optimization of cost-effective lignocellulosic medium for maximum xylanase activity by <i>Massiliatimonae</i> B2YR	Asia-Pacific Journal of Science and Technology	Sep 2023 Volume: 28. Issue: 06. Article ID.: APST-28-06-09.	Peer-reviewed journal, UGC care listed, Scopus indexed	Online ISSN: 2539-6293	<a href="https://www.tci-thaijo.org/index.php/APST/index">https://www.tci-thaijo.org/index.php/APST/index</a>

## 5. Conferences attended and poster/paper presented

Sr. No.	Name of the Conference and place	National/ International	Poster/ Paper presented	Topic	Year
1.	“Microbial Technology” jointly organized by YashwantraoChavan Science College, Karad, and Microbiologist Society, Karad	National	–	–	Dec 1996
2.	Microbial Technology” jointly organized by YashwantraoChavan Science College, Karad and Microbiologist Society, Karad	National	–	–	Dec 1997
3.	“Water Resource Development and Management” organized by the Department of Environmental Science, Shivaji University, Kolhapur	International	Paper	“Potability Analysis of Water Samples Collected from Different Schools of Kolhapur City”	Dec 2012
4.	“Challenges and Opportunities in Life Sciences” organized by Departments of Biochemistry, Microbiology, Biotechnology Shivaji University, Kolhapur	National	Poster	“Production of Indole Acetic Acid by using <i>Azotobacter spp.</i> from Natural Precursors”	Feb 2013
5.	“Emerging Horizons in Biochemical Sciences and Nanomaterials” organized by the Department of Chemistry and Microbiology of Shri ShivajiMahavidyalaya, Barshi	International	Poster	“Screening of Phosphate Solubilizing Bacteria for Indol-3-Acetic Acid Production using Natural Sources of Tryptophan”	Nov 2013
6.	“Future Perspective of Biological Sciences” organized by the Department Of Microbiology, Shivaji University, Kolhapur	National	–	–	Mar 2014
7.	“Recent Trends and Future Prospects in	National	Poster	“Production of Gibberellic Acid by	Oct 2015

	Multidisciplinary Approaches in Microbiology RTFPM 2014” organized by Rajaram College, Kolhapur			<i>Rhizobium Spp.</i> using Watermelon Seed Powder”.	
8.	“Opportunities in the Maharashtra Agriculture for Students and Researchers Based on the Israeli Experience of Innovation and Entrepreneurship in Agriculture” organized by Belgave Education Pvt. Ltd. Sangli	International	–	–	Nov 2016
9.	“Innovative Research in Science and Technology” (ICIRST) organized by Gopal Krishna Gokhale College, Kolhapur	International	Poster	“Isolation and Screening of Potassium Solubilising Microorganisms”	Nov 2017
10.	Rashtrasant Tukdoji College, Chimur	International e-conference	paper	“Synergistic Effect of potassium solubilizing <i>Enterobacter hormaechei</i> and <i>Klebsiella variicola</i> on the Germination of Potato”	Feb 2021

### Workshops attended

Sr. No.	Name of workshop	Organizer	Year
1.	“Molecular Biology”	Himedia Laboratories Pvt. Ltd. and Department of Microbiology, Rajaram College, Kolhapur	21 <sup>st</sup> Dec 2013
2.	“Prime Minister’s Fellowship Scheme For Doctoral Research”	DST-SERB and CII New Delhi at D. Y. Patil Education Society Deemed University, Kolhapur (M.S.)	25 <sup>th</sup> Nov 2016
3.	“Familiarization Workshop on Patents and IPR”	Research committee, Rajaram College, Kolhapur	8 <sup>th</sup> Feb 2017
4.	“Frontiers in Interdisciplinary Research”	Department of Physics, Rajaram College, Kolhapur under lead Scheme College	18 <sup>th</sup> Jan 2018
5.	“Isolation, Culture and Mass Production of (PGPM) Growth	Department of Botany, Design Innovation Centre, SavitribaiPhule	28 <sup>th</sup> Jun 2019

	Promoting Microorganisms and Their Application as Biofertilizer.”	University, Pune	
6.	“LaTex”	Department of Basic Sciences & Civil Engineering, AnnasahebDange College of Engineering & Technology, Ashta, under Lead College Scheme of Shivaji University, Kolhapur & IQAC Cell of Institute	5 <sup>th</sup> &6 <sup>th</sup> July 2019
7.	Maharashtra State Development of Educators and Enhancement in Delivery(MS-DEED) ProgrammeLevel 1 In-person Workshop on “Introduction to Innovative Pedagogies for Undergraduate Teachers”	IndianInstitute of Science Education and Research and Maharashtra State Faculty Development Academy	4 <sup>th</sup> to 6 <sup>th</sup> Nov 2022
8.	“Sanctity and Confidentiality of Examination”	Vivekananda College, Kolhapur (Autonomous)	5 <sup>th</sup> Dec 2022

#### **Cocurricular Activities:**

- Completed Certificate Course in Financial Accounting
- Gave guidance to students for microbiological analysis of water samples collected from different public places to decide the potability
- Participated in and guided the blood group detection camp organized every year in the Department of Microbiology, Rajaram College, Kolhapur.
- Participated in Maharashtra Startup Yatra 2022 organized by Maharashtra State Innovation Society (MSInS) on 13 and 14 Oct 22.

#### **Worked as,**

- A member of the organizing committee of the “Biovision Club” of the Department of Microbiology, Rajaram College, Kolhapur which organizes various inter and intra-college competitions on the subject of Microbiology
- An expert for practical examinations of Microbiology and Industrial Microbiology at Rajaram College, Kolhapur every year from 2002 to 2022
- An internal examiner for practical examinations of Microbiology and Industrial Microbiology at Rajaram College as well as external examiner at various colleges.
- A supervisor for university examinations and various government examinations

- An evaluator, and a moderator for Microbiology and Industrial Microbiology subjects of B. Sc. part I, II, and III
- A paper setter, and chairman for university examinations
- A moderator at department of Biotechnology, Kolhapur Institute of Technology's, (KIT) College of Engineering (Autonomous), Kolhapur
- An examiner for practical examination at Department of Biotechnology, Kolhapur Institute of Technology's, (KIT) College of Engineering (Autonomous), Kolhapur