

BIO-DATA

Miss. Sayali Kalidas Jadhav

● Personal Information:

● Educational Qualification	M.Sc. Microbiology
● Present Designation	Assistant Professor
● Date of Birth	19 th July, 2001
● Category	OBC
● Gender	Female
● Contact No.	8390752713
● Email ID	sayalikhjadhav2001@gmail.com
● Address	AP Medad, Tal Baramati Dist-Pune 413102.
● Date of Appointment	1 July 2023
● Teaching Experience	<u>3 Years (In Tuljaram Chaturchand College)</u>
● Date of joining in present college	1 July 2023

● Educational Qualification:

● Ph.D. (Registered) :

Title of the Ph.D	Name of the University	Month and Year of Registration	Name of the Guide
Studies on bacterial cellulose degraders & their application in sugarcane bagasse composting	Savitribai Phule Pune University, Pune.	May, 2025.	Prof. Dr. Sunil Pawar

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1.	PET	Savitribai Phule Pune University	2024	Microbiology	Qualified
2.	PET	Punyashlok Ahilyadevi Holkar Solapur University.	2024	Biotechnology	Qualified

3.	Post Graduation M.Sc. Microbiology	Savitribai Phule Pune University	2023	Microbiology	First class with distinction 82.54% (Secured Highest marks in the college and Stood first at M.Sc. II class in the subject Microbiology)
4.	Graduation B.Sc. Microbiology	Savitribai Phule Pune University	2021	Microbiology	First class with distinction 87.52%
5.	Intermediate (HSC)	Pune	2018	English, Marathi, Geography, Physics, Chemistry, Biology.	First class 69.57%
6.	High School (SSC)	Pune	2016	Marathi, Hindi, English, Mathematics, Science & Technology, Social Sciences	First class with distinction 87.00%

• **Research Project:**

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
1.	Tuljaram chaturchand College of Arts, Science and Commerce	Isolation, Identification and characterization of Keratin degrading microorganisms from feather waste.	9000	October 2022-23	6 months	Completed

• **Papers/Poster Presented in Conference:**

Sr. No.	Name of the Conference/ Seminar	Title of the paper	Date	Level (State/ National/ International)	Name of the Organizer
1.	9 th International conference on advances in agricultural	Paper presented on Isolation and characterization of cellulose degrading	13 th -15 th November 2025	International	University of Mysore, Manasagan gotri,

	biological and biodiversity conservation for sustainable development	bacteria and their application in sugarcane bagasse degradation			Mysuru, Karnataka & ATDS, Ghaziabad, Uttar Pradesh
2.	International conference on ecology & ecorestoration of riparian ecosystems, held at MES asmabi college kodungallur.	Paper presented on Isolation, identification & characterization of cellulose degrading bacteria	16 th & 17 th december, 2025.	International	Centre for ecology, taxonomy, Conservation and climate change.
3.	International conference on Biotechnology for better tomorrow	Paper presented Isolation and characterization of keratinase producing bacteria & their application in feather waste management	16 th & 17 th may 2024	International	Microbiology society of India
4.	National conference on Microbial Bioprospecting for environmental conservation	Poster presented on Isolation, Identification and Media Optimization by using Plackett-Burman Design of Exopolysaccharide.	5 th 6 th feb 2023	National	Shardabai pawar mahila college

● **Abstract Publication:**

1.	Paper presented on isolation and characterization of cellulose degrading bacteria and their application in sugarcane bagasse degradation in 9 th International conference on advances in agricultural biological and biodiversity conservation for sustainable development. (Abstract book)
2.	Paper presented on isolation, identification & characterization of cellulose degrading bacteria at International conference on ecology & ecorestoration of riparian ecosystems, held at MES asmabi college kodungallur. (Abstract book)
3.	Paper presented on isolation and characterization of keratinase Producing Bacteria & their application in feather waste management at International Conference, Biotechnology for Better Tomorrow Organized by, Microbiology society of India. (Abstract book)
4.	Poster presented on isolation, identification and media optimization by using Plackett-Burman design of Exopolysaccharide at National Conference on Microbial

	Bioprospecting for environmental conservation organized by, Shardabai pawar mahila college. (Abstract book)
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• **Participation in Faculty Development Programme :**

Sr. No.	Name of faculty	Type of Programme	Organized by College/University/Institution	Level	Dates	Grade Secured
1.	Asst. Prof. Sayali K. Jadhav	Participated in seven days international internship on “Analytical spectroscopy - Principles, techniques and applications” completed with distinction	Department of microbiology sacred heart college Tirupattur Tamilnadu , India	International	15 th -21 th December 2025	Distinction
2.	Asst. Prof. Sayali K. Jadhav	Participated in seven days international online course on “Chromatography- Principles, techniques and analytical applications” completed with distinction	Department of microbiology sacred heart college Tirupattur Tamilnadu , India	International	12 th -18 th December 2025	Distinction
3.	Asst. Prof. Sayali K. Jadhav	Participated in seven days international online course on “Microscopy- Principles, techniques and applications” completed with distinction	Department of microbiology sacred heart college Tirupattur Tamilnadu , India	International	10 th -16 th December 2025	Distinction

● **Research Guidance:**

Sr. No.	Name of the candidates	Class	Title of Research topic	Year
1.	Shirin S. Shaikh Ankita H. Chaudhari Pooja N. Pawar	M.Sc.II (Dissertation)	Antibacterial activity of <i>Syzygium aromaticum</i> (clove) and <i>Cinnamomum zeylanicum</i> (cinnamon) against human pathogens:	2025-26
2.	Dixit Martina Teli priyanka Jadhav sapana Rajguru Aishwarya	M.Sc.II (Dissertation)	Isolation, Identification and Characterization of Cellulose Degrading Bacteria and their Applications.	2024-25
3.	Kolekar Kiran Chopaden Chetan Gadhav Vrushali Shelke Amruta	M.Sc.II (Dissertation)	Isolation, Identification and Characterization of Cellulose Degrading Bacteria and their Applications in stubble degradation	2023-24
4.	Kamble Pratiksha Sorate Anuja Chaudhari Ankita Garde Sakshi	T.Y.BSc. (Research Project)	Isolation & Characterization of phosphate solubilizing Bacteria	2023-24
5.	Shaikh Sana Atole Akanksha Nimbalkar Shravani	S.Y.BSc. (Field Project)	Comparative study of Milk Fat Estimation	2024-25

● **Professional recognition /award/ fellowship etc. :**

Sr. No.	Name of Award/ Recognition	Awarding Agency	Date
1.	Best Oral Presentation Award at International conference on “Biotechnology for Better Tomorrow” National Research University, Tashkent, Uzbekistan on 16 th & 17 th May, 2024.	Microbiology society of India	16 th & 17 th may 2024
2.	Aavishkar research competition in PPG Agriculture and and animal husbandry category held at Savitribai phule pune university	Savitribai Phule Pune University	11 th -12 th Nov, 2025
3.	Aavishkar research competition in PPG Agriculture and and animal husbandry category held at M.S. kakade Arts, Commerce & science college	M.S. Kakade Arts, Commerce & Science College Someshwarnagar.	5 th oct 2025

	someshwarnagar.		
4.	Aavishkar research competition in PPG Agriculture and animal husbandry category held at T.C College, Baramati	Tuljaram Chaturchand College Baramati	20 th Sep, 2025
5.	Annual Prize Distribution for secured highest marks in the college and stood first at M.Sc. II class in the subject Microbiology	Tuljaram Chaturchand College Baramati	April/May 2023
6.	IQAC Yuva Mahotsav 2022-23 Poster presentation (Second Prize)	Anekant Education Society's Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati (Autonomous)	23 th to 25 th January 2023.
7.	Poster competition	Organized by Government Medical College and Hospital, Baramati and Baramati obstetrics & Gynaecological society jointly	On 12 dec 2022.

● **E-Content Development:**

Sr. No.	Title of Content	Level (UG/ PG / ALL)	Platform	Link of E-Content
1	Continuous Stirred Tank Bioreactor (CSTR)	PG	You Tube	https://youtu.be/rkFGEFjzKVI
2	Monitoring of process variables Dissolve oxygen	PG	You Tube	https://youtu.be/M8Om6Zu7qs8

● **Work Experience on Academic Bodies and other:**

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details
1.	Assistant Professor	From 2023 to till date	Tuljaram Chaturchand College Baramati	Department of Microbiology
2.	BOS Member	From 2023 to till date	Tuljaram Chaturchand College Baramati	Department of Microbiology
3.	Paper Setter/ Examiner	From 2023 to till date	Tuljaram Chaturchand College Baramati	UG /PG Level
4.	Practical Examiner	From 2023 to till date	Tuljaram Chaturchand College Baramati	M.Sc. I sem I Practical Exam 2023
5.	Practical Expert	From 2023 to	Tuljaram	S.Y.BSc. Practical Exam 2023,

		till date	Chaturchand College Baramati	M.Sc.-II Practical Exam 2023, F.Y.BSc. Practical exam 2024, M.Sc. I Practical exam 2024. T.Y.BSc. Pratical exam 2024
6.	Junior Supervisor	From 2023 to till date	Tuljaram Chaturchand College Baramati	Examination of October 2023, Examination of nov./Dec-2023NEP Exam and 2019 P attern, 2022 Pattern), MA/Mcom/MSc/MSc (comp.Sci)/BLIB/Mlib/Mvoc Annual Examination May-2024.

• **Life Membership of Profession Bodies:**

Sr.No.	Name of Professional Body
1.	Member of Microbiology Society of India.
2.	BOS Member Department of Microbiology Tuljaram Chaturchand College Baramati

• **Event/ Program/ Workshop Co-ordinated:**

Sr. No	Workshop Event/Program/ Organized by	Level	Participation / Presented Paper	Title of the Workshop Event/Program/	Date
1.	Workshop organized by Department of Microbiology T.C College Baramati Under ED Cell	Institute	Workshop Coordinator	Title of the workshop- “Hands on training on mushroom cultivation	29 th December, 2025.
2.	Workshop organized by Department of Microbiology T.C College Baramati Under ED Cell	Institute	Workshop Coordinator	Title of the workshop- “Skilled Based Workshop on mushroom cultivation” Under ED Cell	7 th January, 2024.
3.	Intercollegiate poster presentation competition on the occasion of National science day 2026. Organized by Department of Microbiology T.C College Baramati	Institute	Event Co-coordinator	Title of poster competition- “Microbiology for society: Innovation, Awareness and Research”	27 th Frbruary, 2026.
4.	Rangoli competition , on the ocassion of International microorganism day .	Institute	Event Co-coordinator	Title of competition- Science through Arts, Rangoli	17 th September, 2025

organized by Department of Microbiology & Microbiologists Society of India, T.C College Baramati			competition	
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● **Any other Attainment: Participation Conferences / Workshops/ Webinar etc.**

Sr. No.	Topic/ Title	Name of Sponsoring Agency	Level	Date
1.	Participated in One day multidisciplinary International E- Conference Holistic life sciences: Integrative and emerging perspectives	Department of Zoology, Tuljaram Chaturchand College Baramati.	International	5 th March, 2025
2.	Participated in one day Interdisciplinary National conference on Environment and economics: A perspective of sustainable development	Netaji subhashchandra bose college nanded. Maharashtra collaboration with swami Ramanand teerth marathwada university.	National	16 th September 2025
3.	Participated in National conference on Emerging trends in digital technology and management practices	Department of B.B.A., Tuljaram Chaturchand College Baramati	National	25 th February, 2026.
4.	Participated in donating E-Waste in e- Yantran 2026 drive	Persistent foundation	Institute	11 th March, 2026.
5.	Prticipated in Webinar on Global Environmental Issues and career opportunities in environmental science on the occasion of world Meteorological day	Department of Environmental Science T.C College Baramati	Institute	23 rd March, 2026.
6.	Participated in webinar on sequence submission- Genbank	Biosrishti	National	23 rd Nov, 2025
7.	Participated in a National level online quiz competition on Microbiology	Mewar university in association with Microbiologist society, India	National	30 th July, 2025
8.	Participated in Webinar on CRISPR chronicles Rewriting Genetic Diversity in Disease.	SciBug Gujarat organization	National	18 th Sep 2024
9.	Participated in Webinar on clock controlled cardiovascular health	Gopal Jee Gopal organization	Ntional	11 th June 2024
10.	Participated in Olympic festival 2024 online quiz	T.C College Baramati	Institute	22 Aug 2024

11.	Participated in National sports day 2024 online examination	T.C College Baramati	Institute	29 Aug 2024
12.	Participated in awareness quiz contest on World Asthma Day 7 May 2024	SciBug organization	National	7 th May 2024
13.	Participated in IP Awareness training program	Intellectual property office India	National	6 th Sep 2023
14.	Participated in Webinar on Aedes brekbone fever	SciBug organization	National	11 th Nov 2023
15.	Participated in Webinar on Molecular regulation by long coding RNAs	Dr. Gopal Jee Gopal organization	National	23 rd Nov 2023
16.	Participated in Workshop on Pharmaceutical Techniques and career Navigation with Interview Skills.	Department of Microbiology Tuljaram Chaturchand College Baramati. Under RUSA	Institut	15 th March 2023
17.	Participated in 3 Days E-workshop on Basic Bioinformatics	Organised by Biosrishti organization	Institute	26- 28 th July 2023.
18.	Participated in Webinar on <i>Mycobacterium tuberculosis</i> infection Guest speaker- Dr. N. Ashok Viswanath	Sci bug organization	National	2 nd october, 2023.
19.	Participated in NIPAM (National Intellectual Property Awareness Mission)	Organized by Intellectual Property Office, India.	National	July 29, 2022.
20.	Participated in Two Days Workshop on “Mathematics for biological science”	Organized by Department of Microbiology Tuljaram Chaturchand College Baramati	Institute	12 th to 13 th sept 2022.
21.	Participated in Five Day’s Workshop on Bioinoculant Production.	Department of Microbiology Tuljaram Chaturchand College Baramati & Green Vitals Biotech	Institute	12 th to 18 th oct - 2022.
22.	Participated in National Webinar On ‘Covid Vaccine: Truth & Untruth Unfold’	Department of Microbiology Tuljaram Chaturchand College Baramati.	National	27 th & 30 th January, 2021
23.	Participated in One Day online workshop on Skill Development organized by	Anekant Institute of Management studies.	Institute	17 th March 2021

	AIMS			
24.	Participated in Covid -19 Pndemic General Awareness Quiz.	Tuljaram Chaturchand College Baramati	Institute	27 th April 2020