

## BIO-DATA

### Ms. Kajal Mahadev Gaikwad

#### 1. Personal Information

- **Educational Qualification** : M.Sc.Microbiology, GATE, SET, ASRB-NET
- **Present Designation** : Assistant Professor, Department of Microbiology
- **Date of Birth** : 14<sup>th</sup> December, 1997
- **Category** : Scheduled Caste
- **Religion and Cast** : Hindu, Mang.
- **Gender** : Female
- **Mobile No.** : +91 9373812518, +91 8698301104
- **Address** : At- Bharanewadi, Post- Anthurane, Tal- Indapur Dist- Pune, Pin Code – 413114.

#### 2. Educational Qualification:

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1	ASRB- NET	Agriculture Scientist Recruitment Board	2023	Agricultural Microbiology	Qualified
2	SET	Maharashtra SET	2023	Lifescience	Qualified
3	GATE	IIT Kanpur	2023	Lifescience	Qualified
4	M.Sc.Microbiology	Savitribai Phule Pune University	2020	Microbiology	First Class with distinction 79.45%
5	B.Sc.Microbiology	Savitribai Phule Pune University	2018	Microbiology	First Class with distinction 80%
6	HSC	Maharashtra Pune Divisional Board	2015	P.C.M.B.	70.62%
7	SSC	Maharashtra Pune Divisional Board	2013	Semi English	88.00%

- **Occupation** : Service
- **Designation** : Assistant Professor, Department of Microbiology
- **Institution** : Tuljaram Chaturchand Arts, Commerce and Science College, Baramati.
- **Date of Joining In This College** : 1<sup>st</sup> July, 2022
- **Work Experience** : July 2022 – July 2024 - Tuljaram Chaturchand Arts, Commerce and February 2021 – July 2022 - Shardabai Pawar Mahila Arts, Commerce and Science College, Shardanagar.

### 3. Research Publications :

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISBN	UGC. No./Impact Factor/ Citation Details
1	A Review on Trending Applications of Pullulan in Pharmaceutical Industry	Ecology Environment & Conservation	May 2024	DOI No. <a href="http://doi.org/10.53550/EEC.2024.v30i06s.002">http://doi.org/10.53550/EEC.2024.v30i06s.002</a>	UGC Care listed SCOPUS Indexed
2	Studies on exopolysaccharide production from <i>Aureobasidium pullulans</i> spi 10 and it's application as a green inhibitor for corrosion mitigation	Journal of applied biology and biotechnology	April 2022	<a href="http://www.jabonline.in">http://www.jabonline.in</a> DOI: 10.7324/JAB B.2022.100306	UGC Care listed SCOPUS Indexed

### 4. 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, Baramati 'Seed Money for Teacher Scheme' 202324	Development of a sustainable pullulan- based antimicrobial coating system	115000	November 2023	6 Months	Completed
3	Tuljaram chaturchand college Baramati	Studies on checking potential of pullulan for microbially enhanced oil recovery	7000	March 2023	6 Months	Completed

2	Tuljaram chaturchand college Baramati	Study on isolation, identification and characterization of pullulan producing strain and production of pullulan and it's Application in corrosion mitigation	7000	March 2020	6 Months	Completed
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### 5. Patents published/Register:

1. Certificate of Registration of Design of Petri Plate Holder, The Patent Office, Government of India
2. Certificate of Registration of Design of Wire Loop, The Patent Office, Government of India

### 6. Papers presented in Seminar / Conference:

Sr. No.	Name of the Conference/ Seminar	Title of the paper	Date	Level (State/ National/ International)	Name of the Organizer
1	International conference on Biotechnology for Better Tomorrow: BTBT2024	Antimicrobial susceptibility testing of Carboxymethylated pullulan <b>Best Oral presentation</b>	16 <sup>th</sup> & 17 <sup>th</sup> May 2024	International	Institute of Fundamental and Applied Research, National University (TIAME) Tashkent, Uzbekistan
2	2 <sup>nd</sup> International conference on Innovations in Biotechnology Research for sustainable bioresources and bioeconomy : Challenges and Practices ( IBRSBB-2024)	Unraveling the potential of pullulan for corrosion mitigation <b>Best Poster presentation</b>	15 <sup>th</sup> & 16 <sup>th</sup> February 2024	International	Sanjivani Arts, Commerce and Science College Kopargaon, Ahmednagar
3	National Conference on Microbial Bioprospecting for Environmental Conservation and Restoration	Exploring L-asparaginase production	5 <sup>th</sup> & 6 <sup>th</sup> February 2024	National	Department of Microbiology of Shardabai Pawar Mahila Arts, Commerce and Science College, Shardanagar, Baramati

4	National Conference on Advanced Functional Materials: Synthesis, Characterization and Application[NCAFM-2020]	Studies on biofilm formation of electrogenic bacteria and their applications in Microbial fuel cell.	3rd to 4th January 2020.	National	PG Department of Physics, Vidya Pratishthan's Art, Science and Commerce College, Baramati. On
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### 7. Participation in National/State level conferences :

1. Two days International Conference on “ Unveiling the frontiers in life science” ICFLS 2023 held on 17 August and 18<sup>th</sup> August 2023 organized by Department of Biochemistry & PG Research Department of Microbiology Shrimati Indira Gandhi College, Tiruchirapalli.
2. National Conference on “ Trends and Challenges in Chemistry” TCC-2023 on 10-11 March 2023, organized by Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.
3. International conference on “Empowering Society with Microbial Technology” organized by Department of Microbiology, Tuljaram Chaturchand College, Baramati. On 7<sup>th</sup> to 9<sup>th</sup> February 2019.

### 8. Participation in National/State level Workshops :

1. The certified workshop on ChatGPT and AI Microsoft Office under Skill Nation on 13<sup>th</sup> November 2024.
2. Successfully completed the e- workshop on Bibliometric Analysis Using RStudio & VOSviewer, held on 26<sup>th</sup> May 2024 organized by Commacad.
3. Webinar on Research Writing on 13<sup>th</sup> April 2024 organized by Biosrishti Online Life science solutions.
4. Virtual Hands on training Bibliographic Tool- Mendeley on 19<sup>th</sup> March 2023 organized by Biosrishti Online Life science solutions.
5. Participation in Four Days Hands-on training program in “ Practices in life science and diagnostics” held on 17<sup>th</sup> January to 20<sup>th</sup> January 2023 at BioEra's R & D Center and training Facility, Pune
6. Completed E- Workshop on Basic Bioinformatics organized by Biosrishti online life sciences solution on 01- 03<sup>rd</sup> December, 2022.
7. International Webinar on Recent Scientific Techniques in Material Analysis and Cancer Detection held on 2 Apr 2021, organized by Shardabai Pawar Mahila College, Shardanagar, Baramati.

## **9. Work experience :**

1. Question Paper Setter
2. Practical Examiner
3. Practical Expert
4. Examiner
5. Moderator
6. Junior Supervisor
7. Departmental BoS Member
8. Departmental Field Project Coordinator
9. Departmental OJT & CEP Coordinator
10. Departmental Criteria VII Coordinator

## **10. Extracurricular Activities :**

1. Diploma course in Gardening and Landscape organized by Department of Botany, Tulajaram Chaturchand College Baramati, Savitribai Phule University Pune.
2. Participated in workshop series on Skill Development Organized by Anekant Institute of Management Studies, Baramati.
3. Winner 2<sup>nd</sup> prize in Intaglio series 2019, in Comedy Katta. by Anekant Institute of Management Studies (AIMS), Baramati.
4. 3<sup>rd</sup> prize winner in Slogan/Catchline/Caption related to Botany Competition organized by Department of Botany, Tulajaram Chaturchand College Baramati.
5. 3<sup>rd</sup> prize winner in Safety Poster Competition held on occasion of Safety Week Celebration, by Walchandnagar Industries Limited, Walchandnagar.
6. Maharashtra State Certificate in Information Technology.
7. Certificate in Government of Maharashtra Drawing Intermediate Grade Examination (Grade C).
8. Certificate in Government of Maharashtra Drawing Elementary Grade Examination (Grade C)