

## **Personal Information:**

**Name of Faculty** : Dr. Jaysing Uttamrao Patil  
**Designation** : Assistant Professor & HOD  
**Department** : UG & PG Department of Microbiology  
**Residential Address** : C67, Silver Palm Housing Society, Vidyanagar, Karad 415124  
**Date of Birth** : 02/12/1984  
**Date of Appointment** : 19 /05/2023  
**Marital Status** : Married  
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**Language Proficiency** :English, Marathi, Hindi  
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**Google Scholar** : <https://scholar.google.com/citations?hl=en&user=g3flrLoAAAAJ>  
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### **Academic Qualification: M.Sc., SET, Ph.D.**

<b>Course</b>	<b>Board/University</b>	<b>Year of Passing</b>	<b>Percentage</b>	<b>Division</b>	<b>Subjects</b>
<b>PhD</b>	Shivaji University Kolhapur	2017	-	-	Microbiology
<b>SET</b>	S. P. Phule Pune University, Nodal Agency, UGC New Delhi	2019	-	-	Microbiology
<b>M.Sc.</b>	Shivaji University Kolhapur	2009	73.91%	A	Microbiology
<b>B.Sc.</b>	Shivaji University Kolhapur	2007	75.72%	A	Microbiology
<b>H.S.C.</b>	Kolhapur	2002	64.83%	A	-----
<b>S.S.C</b>	Kolhapur	2000	67.46%	A	-----

### Additional Qualification -

Sr.No.	Name of the course	Conducted by	Duration	Year	Grade/ %
1.	Laboratory Management And Food Analysis	Shivaji University, Kolhapur	3 Months	2008 – 09	‘O’
2.	Industrial Quality Control Microbiology	Yashwantrao Chavan College of Science Karad	3 Months	2008 – 09	‘O’
3.	Identification and Conservation of Medicinal Plants	Shivaji University, Kolhapur	3 Months	2007 – 08	‘O’
4.	Solid Waste Management	Shivaji University, Kolhapur	3 Months	2008 – 09	‘A+’

### Research Qualification:

Course	University	Year	Topic of Research
Ph.D.	Shivaji University Kolhapur	2017	Studies On Alkali Tolerant Extremely Halophilic Archaea From Lonar Lake For Industrially Important Enzymes

**Teaching Experience:** From 09/07/2009 to 18/05/2023 working as Assistant Professor on CHB & from 19/05/2023 to till date working as permanent faculty and Head, UG & PG Department of Microbiology, Yashwantrao Chavan College of Science Karad.

**Area of Specialization** – Enzymology, Archaeal taxonomy

### Research Paper Published – International/National Journal:

Sr. No.	Name of Research Paper	Name of Journal	Level of Journal	ISSN or ISBN No.	Vol. No.	Page No.
1	Effect of Electromagnetic radiations of a mobile phone on the growth of some pathogenic bacteria	Mukt Shabd Journal	National	2347-3150	Volume XI, Issue XII, DECEMBER/2022	259-280
2	Purification and characterization of alkaline chitinase from <i>Paenibacillus pasadenensis</i> NCIM 5434	<i>Jornal of Basic Microbiology</i>	International	1521-4028	Vol. 54 (10)	1080 – 1089
3	“Siderophores of Haloalkaliphilic Archaea from Lonar Lake”.	<i>Current Science</i>	National	0011-3891	111(4)	621-623.

4	Effect of Carbon Sources on Production of Exopolysaccharide of Haloalkaliphilic Archaeon <i>Natrialba wudunaoensis</i> SSBJUP-5 Isolated from Lonar Lake, '	International Journal of Research and Analytical Reviews (IJRAR).	International	E-ISSN 2348-1269, P-ISSN 2349-5138	Special Issue	353-357
5	Halostable Alkaline Amylase and Protease From an Extremely Haloalkaliphilic Archaeon, <i>Natrinema</i> SP. SSBJUP-1 Isolated from Lonar Lake.	<i>Int J Pharm Bio Sci</i>	International	0975-6299	6(1): (B)	777 – 786
6	Pectinase from an Extremely Haloalkaliphilic Archaeon, <i>Natronobacterium innermongoliae</i> SSBJUP-4 Isolated from Lonar Lake	SIMRJ	International	2455-1511	Vol. I Issue-I July-Aug-Sept 2015	
7	Characterization Of Xylanase and Cellulase From Extremely Haloalkaliphilic Archeon <i>Natrinema</i> sp.SSBJUP-1 Isolated from Lonar Lake	<i>Int J Pharm Bio Sci</i>	International	0975-6299	5(1): (B)	553 – 559
8	Diversity of hydrolytic enzymes in Haloalkaliphilic archaea isolated from Lonar Lake	<i>Int. J. Scientific Research</i>	International	2277 – 8179	(2)7	414-415

### **Research Paper Published – Conference Proceedings:**

<b>Sr. No.</b>	<b>Name of Research Paper</b>	<b>Organised By</b>	<b>Name of Conf.</b>	<b>Level of Conf.</b>	<b>ISBN No.</b>	<b>Vol. No.</b>	<b>Page no.</b>
<b>1</b>	Isolation and Characterization of Pesticide Resistant Bacteria Isolated from Grape Vine Yard Soil.	Department of Zoology, Lal Bahadur Shastri College, Satara	National conference On Environmental Biotechnology	National	ISBN 978-81-8498-412-6	-	50-54.
<b>2</b>	Potential of Chitinolytic Streptomyces vinaceudrapusSBPL-16 in composting of sea food industry waste	Department of Zoology, Lal Bahadur Shastri College, Satara	National conference On Environmental Biotechnology	National	ISBN 978-81-8498-412-6	-	41-45
<b>3</b>	Production of Bacteriocin from Halophilic archaeon Natrinema sp. SSBJUP-1 isolated from Lonar Lake	Department of Zoology, Dahiwadi College Dahiwadi	UGC Sponsored National Conference On Life Sciences: An Outlook and Challenges	National	ISSN - 0971-6920	Vol 20 (02)	236-239

### **Books Published/Chapter in Books:**

<b>Sr. No.</b>	<b>Title of Book</b>	<b>Publication</b>	<b>Year of Publication</b>	<b>ISBN No.</b>
<b>1</b>	A Textbook of Microbiology, For B.Sc. I, Semester – I As Per New Syllabus of Shivaji University Kolhapur	Nirali Publications	October 2018	978-93-88293-47-1.
<b>2</b>	A Textbook of Microbiology For B.Sc. I, Semester II, As per New Revised Syllabus of Shivaji University Kolhapur	Nirali Publications	December 2019	978-93-89686-57-9

### **Member at University bodies**

1. Member of Board of studies in Microbiology, R. P. Gogate College of Arts and Science, Ratnagiri (Autonomous) Affiliated to Mumbai University, for the academic year 2023-2024.
2. Chairman for paper setting and paper assessment of M.Sc. I and II General Microbiology of Shivaji University Kolhapur.
3. Chairman of Syllabus Sub-committee for B.Sc. I and III Biotechnology (Optional) of Shivaji University Kolhapur.
4. Member of Syllabus Sub-committee (2023-24) for B.Sc. III Microbiology of Shivaji University Kolhapur.

5. Member of Board of studies for P. G. Department of Microbiology, Vivekanand College Kolhapur (Autonomous) for the academic year 2022-2023 & 2023-2024.
6. Member of Syllabus Sub-committee (22-23) for B.Sc. I Biotechnology (Optional) of Shivaji University Kolhapur.
7. Member of Examination panel at Dept. of Microbiology, B. V. D. U. Yashwantrao Mohite College, Pune.
8. Member of Examination panel at Dept. of Pharmaceutical Microbiology, Microbiology and Biotechnology at Krishna Institute of Medical Sciences, Deemed to be University.

**Conference / Seminars / Workshops / Webinar Attendend:**

<b>Sr. No.</b>	<b>Name of Programme</b>	<b>Organized By</b>	<b>Year &amp; Duration</b>	<b>Level of Conference</b>
1	One Day National Seminar on National Education Policy 2020 (NEP:2020)	IQAC & Department of Physics, Yashwantrao Chavan College of Science Karad	14 <sup>th</sup> Oct. 2023	<b>National</b>
2	New Revised NEP Syllabus workshop of MSc. I Sem I of General Microbiology	Department of Microbiology & IQAC, Bharati Vidyapeeths Dr. Patangrao Kadam Mahavidyalay Sangli	11 <sup>th</sup> and 12 <sup>th</sup> Sept. 2023	<b>University</b>
3	Awareness on Malviya Mission Teacher Training Program	Guru Angad Dev Malviya Mission Teacher Centre, SGBT Khalsa College, University of Delhi	2023	<b>National</b>
4	National Conference on Green Chemistry and Advanced Material	Department of Chemistry & IQAC, Yashwantrao Chavan College of Science Karad	March 14 <sup>th</sup> and 15 <sup>th</sup> , 2023	<b>National</b>
5	One Day Workshop on Soft Skill Development	Department of Management Studies, Rajarambapu Institute of Technology, Islampur	22 Feb.2023	<b>State</b>
6	International Climate Change Conference on Impact study of climate change and air quality for sustainable goals	Bronx Community College and City College of New York & Indian Peninsular River Basin Council and Thakur College of Science and Commerce, Mumbai	13 Jan. 2023	<b>International</b>
7	International Conference on "Biotechnology for Better	Department of Biology, Faculty of	29th & 30th October, 2022.	<b>International</b>

	Tomorrow, ICBBT- 2022, Maharashtra (India)	Mathematics and Natural Sciences <b>Udayana University, Bali, Indonesia,</b> Microbiologist Society India and Vidya Pratishthan's Arts, Science & Commerce College, Baramati.		
8	National Webinar on Multimedia Enriched E-content Development for Effective Online Teaching	IQAC, Department of Botany and Department of Computer Science, Yashwantrao Chavan College of Science, Karad on	1st March, 2022	<b>National</b>
9	INTERNATIONAL FACULTY DEVELOPMENT PROGRAM (FDP)-cum-WORKSHOP on CREATING AND FLOATING MOOCS ON NPTEL-SWAYAM, UDEMY AND COURSERA PLATFORMS	Research India foundation, India Taylor's University, Blue Crest University college and Liberia Malaysia	27th of February 2022	<b>International</b>
10	National Online Faculty Development Programme on "Essential Soft skills for Impactful Professional Career"	Organized by Indian Institute of Management and Commerce	11 Feb. 2022	<b>National</b>
11	State Level Seminar on "PLASTIC POLLUTION IN TOURISM PLACES"	organized by Department of Zoology and Internal Quality Assurance Cell (IQAC) of K.N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Bhosare (Kurduwadi)	3rd February 2022	<b>State</b>
12	International workshop (online) on Research Insights in Scientific writing and Publication (RISWP-2021)	organized by Dept. of Microbiology and Biotechnology in association with IQAC of SSES's Science College, Nagpur	17th - 18th December 2021	<b>International</b>

13	'Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop'	Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India.	16 May 2020	National
14	International Conference on Cancer Biology – Basic Science to translational Research	Department of Stem Cell and Regenerative Medicine & D. Y. Patil Medical College	17 <sup>th</sup> & 18 <sup>th</sup> Jan.2020	<b>International</b>
15	NATIONAL WORKSHOP ON INTELLECTUAL PROPERTY RIGHT	IQAC & Department of Microbiology, Yashwantrao Chavan College of Science Vidyanagar Karad and Shivaji University Kolhapur	27 Dec. 2019	<b>National</b>
16	ONE DAY WORKSHOP ON NEW NEW CHANGED SYLLABUS (CBCS) OF BSC PART I SEM I MICROBIOLOGY	Department of Microbiology and Shivaji University Kolhapur	14 Aug. 2018	<b>University level</b>
17	ONE DAY WORKSHOP ON NEW NEW CHANGED SYLLABUS OF BSC PART II MICROBIOLOGY	Department of Microbiology and Shivaji University Kolhapur	26 July 2014	<b>University level</b>

### Invited Lectures -

1. Invited as an Online guest Lecturer in subject of Microbiology on the topic entitled – **Concept of Operon: Lac Operon**, Organized by Department of Microbiology, K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College, Vidyanagar, Bhosare Kurduwadi on 11<sup>th</sup> February 2021.
2. Invited for an online expert talk on the topic entitled – **Cancer: Causes, Symptoms and Treatment**, on the occasion of World Cancer Day Organized by Department of Microbiology, Shri Vijaysinha Yadav College Peth Vadgaon, on 4<sup>th</sup> February 2021.
3. Invited as Resource Person for One Day Workshop on **“Basics in Medical Microbiology & Immunology”**, Organized by Department of Microbiology, Dahiwadi College Dahiwadi, on 4<sup>th</sup> February 2020 Under Lead College Activity.

**Awards –**

1. **Award - Best Offline Poster Presentation award** for poster entitled “Diversity and applications of Haloalkaliphilic Archaea of Lonar Lake” at International Conference on “Biotechnology for Better Tomorrow, ICBBT- 2022” organized by Microbiologists Society India, Udayana University and Vidya Pratishthan’s Arts, Science & Commerce College on 29th October and 30th October, 2022

**Place : Karad**

**Name of Faculty**

**(Dr. Jaysing Uttamrao Patil)**