

BRIEF BIO-DATA

1. **Name and full correspondence address** : **Mr. Tejas B. Chaudhari**
Assistant Professor and Research Scholar,
Department of Microbiology
R. C. Patel Arts, Commerce and Science
College, Shirpur-425405, Near Karvand Naka
Dist.- Dhule, Maharashtra, India.
2. **Email and contact number** : tejaschaudhari517@gmail.com
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+91 9420399960
3. **Current Institution** : R. C. Patel Arts, Commerce and Science
College, Shirpur-425405, India.
4. **Date of birth** : 24 June 1999
5. **Gender** : Male
6. **Category** : OBC
7. **Whether differently abled** : No
8. **Academic qualifications (Undergraduate onwards)**

Degree	Year	Subject	University	Marks/Grade (%)
B. Sc.	2020	Microbiology	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon-425001	89.90
M. Sc.	2022	Microbiology		80.80
DMLT	2022	Laboratory Technician	University of New Delhi	A+
Ph. D.	2023	Microbiology	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon-425001	Ongoing (PET-2023)

9. Ph. D. details

- Topic of Research** : Bioprospecting of Microbial Enzyme Cocktail for Lignocellulosic Biomass Valorization
- Guide name** : Dr. Sandip P. Patil
- University** : Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
- Application Year** : (PET-2023)

10. Work experience (in chronological order)

S. No.	Positions held	Name of the Institute	From	To
1.	Laboratory Technician	Arya pathology Laboratory, Jalgaon	25-08-2018	28-06-2020
2.	Assistant Professor in Microbiology	R. C. Patel Arts, Commerce and Science College, Shirpur-425405	13-09-2022	Till Date
3.	Research Scholar	R. C. Patel Arts, Commerce and Science College, Shirpur-425405	09-09-2024	Till Date

11. Publications (List of papers in SCI Journals)

S. N.	Authors	Title of Chapter	Journal	IF / NAAS Rating / Cite Score
1.	Tejas B Chaudhari , Sampada G Patil, Leena P Shirsath, Laxmikant R Zawar, Bhushan L Chaudhari, Sandip P Patil	A thermostable, cellulase-free xylanase from newly isolated <i>Peniophora incarnata</i> ST09: Purification, characterization and ultrasound-assisted activity enhancement	International Journal of Biological Macromolecules	8.5 (IF)
2.	Tejas B. Chaudhari , Bhushan L. Chaudhari and Sandip P. Patil	Enzyme Cocktail-driven Biocatalytic Strategies for Sustainable Lignocellulosic Waste Conversion: Recent Innovations in Bioprocess and Chemical Engineering	Recent Innovations in Chemical Engineering	1.5 (CS)
3.	Tejas B. Chaudhari , Tushar A. Shinde, Leena P. Shirsath, Sandip P. Patil	Smart Extremozymes: The Next-Generation Biocatalysts for Sustainable Industrial Wastewater Management	International Journal of Environment, Agriculture and Biotechnology	4.74 NAAS rating
4.	Kiran R Patil, Sharad R Patil, Vikas S Patil, Mustakim I Bagwan, Ganesh B Bhamre, Sandip P Patil, Anandsing F Patil, Sandip P Patil, Tejas B Chaudhari	A green ultrasound-driven strategy for the design and discovery of embelin-fused phenazine antibacterials: synthesis, docking, and ADMET evaluation	Discover Chemistry	--

12. Book Chapters

S. N.	Authors	Title of Chapter	Book Title	Publisher
1.	Tejas B Chaudhari , Bhushan L Chaudhari, Sandip P Patil	Microbial Enzymes for Agricultural Biomass Conversion: A Biotechnological Approach for Sustainable Bioenergy Production	Industrial Microbiology and Biotechnology: Trends in Microbial Biotechnology	Springer Nature- Singapore
2.	Sandip P. Patil, Tejas B. Chaudhari , Kiran S. Dalal, Niteen V. Firke, Bhushan L. Chaudhari	Laccase-Mediated Valorization of Lignocellulosic Biomass: An Eco-friendly Approach Towards the Sustainable Environment	Industrial Microbiology and Biotechnology- A New Horizon of the Microbial World	Springer Nature- Singapore
3.	Tejas B. Chaudhari , Anjali S. Patil, Leena P. Shirsath, Laxmikant R. Zawar, Dipak E. Chavan, Sandip P. Patil	Covid-19 vaccination in India: The journey from hesitancy to immunity, challenges, strategies and future directions	Progressive Trends in Pharmaceutical, Chemical and Biological Sciences Volume IV	Bhumi Publishing, India
4.	Tejas B. Chaudhari , Vijay S. Baviskar, Hemant S. Tarkas, Bhushan L. Chaudhari, Sandip P. Patil	Bio-Nanotechnology: A Sustainable Approach toward Efficient Industrial Effluent Treatment	Sustainable Effluent Treatment and Resource Recovery, Volume 1	ACS Publications
5.	Hemant S Tarkas, Jaywant P Sonawane, Vijay S Baviskar, Tejas B Chaudhari , Leena P Shirsath, Sandip P Patil	Green Synthesis of Nanomaterials: Unlocking Sustainable Solutions for Environmental and Industrial Challenges	Smart Nanomaterials for Environmental Remediation	CRC-Press (A Taylor & Francis Group)

13. Conference Proceeding

S. No.	Author(s)	Title	Name of Journal	Publisher	Year
1.	Vaishali L. Mahajan, Tejas B. Chaudhari , Sandip P. Patil	Immobilization of Laccases: An overview of its methods and applications for a sustainable environment	Journal of Maharaja Sayajirao University of Baroda	Conference Proceeding	2024

14. Authored Books

S. No.	Author(s)	Title	Publisher	Year
1.	Sandip P. Patil, Shashikant A. Joshi, Tejas B. Chaudhari , Leena D. Dhake	Microbiology: Basic Biochemistry and Metabolism	Prashant Publication	2025
2.	Sandip P. Patil, Shashikant A. Joshi, Tejas B. Chaudhari , Leena D. Dhake	Microbiology: Basic Enzymology and Metabolism	Prashant Publication	2025

15. Identifiers

ORCiD ID: <https://orcid.org/0009-0003-7352-8076>

Scholar: <https://scholar.google.com/citations?user=lt0z--YAAAAJ&hl=en&oi=sra>

LinkedIn: [linkedin.com/in/mr-tejas-chaudhari-96ab24159](https://www.linkedin.com/in/mr-tejas-chaudhari-96ab24159)

16. Responsibilities shouldered in the department/college

- Departmental instrument in-charge
- Departmental microbial culture In-charge
- Active member in IQAC
- Student-guardian for F.Y.B.Sc. students
- Worked as college team leader for university level Avishkar (2024)
- Encouraged students to participate in Microbio Olympiad
- Working as research project Co-guide from last 03 years for PG students

17. References:

Dr. Sandip P. Patil (Ph.D. guide) Head, Department of Biotechnology, R. C. Patel Arts, Commerce and Science College, Shirpur	Dr. Ravindra H. Patil Head, Department of Microbiology R. C. Patel Arts, Commerce and Science College, Shirpur
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Date:

Place:

Mr. Tejas B. Chaudhari