

## Profile of the Faculty



### 1. General Information:

Name of the Faculty	:	Mrs.Shweta Vinayak Humbarwadi
Name of the Department	:	Microbiology
Educational Qualifications	:	M. Sc. Microbiology, MH-SET, Pursuing Ph. D.
Present Position	:	Assistant professor (Local Basis)
Address for Correspondence	:	Ft.No.04, DWing , Jadhav Colony, Belavali, Badlapur (W.) 421503 Tal. Ambarnath, Dist.Thane
E-mail	:	shwetapatil2189@gmail.com
Contact Number	:	9503757823
Specialization	:	Environmental Microbiology Industrial Microbiology
Total teaching experience	:	10
Courses taught	:	<ul style="list-style-type: none"><li>• F. Y. B. Sc. Paper Theory (Paper IKS)</li><li>• S. Y. B. Sc. Practical Course (Paper I, II &amp; III)</li><li>• T. Y. B. Sc. Practical Course (Paper IV)</li><li>• M. Sc. I Paper III Theory &amp; Practical Course (Paper I, II, III &amp; IV)</li><li>• M. Sc. II Paper IV Theory</li></ul>
Research experience	:	04
Number of students registered for Ph.D. degree	:	Nil
Number of students awarded Ph.D. degree	:	Nil
Number of students registered for P.G degree by research	:	Nil
Number of students awarded P.G degree by research	:	Nil

## Publication of Research Papers:

UGC listed journals	:	02
Peer reviewed journals	:	06
Non-peer reviewed journals	:	Nil
Conference proceedings	:	01

### 2. List of Publication of Research Papers:

- i. Published research paper on “Exploring dye degradation potential of the isolated fungal species from the spent mushroom substrate (SMS)” in UGC CARE listed Mukta Shabd Journal ,ISSN : 2347-3150 , Vol.10,Issue 4,April 2023, Impact Factor : 4.6 Page No.534-544  
DOI:10.0014.MSJ.2023.V11I04.0086781.114255
- ii. Published research paper on “The capability of Soil enzymes (biostimulants) in sustainable crop production” in Journal of International Journal of Enhanced Research in Science, Technology & Engineering, ISSN: 2319-7463, Vol. 11, Issue 3, March-2022, Impact Factor: 7.957.
- iii. Published research paper on “Exploring the potential of prodigiosin as an antimicrobial agent in textiles” in Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162, Volume 7,Issue 11,November 2020,51-56.
- iv. Published research paper on “Physico-chemical and Microbial Quality Assessment of Khadan lake, Ambarnath, Thane District” in Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162, Volume 7,Issue 11,November 2020,1-7.
- v. Published research paper on “Green synthesis of silver nanoparticles from punica granatum l. And study of its antimicrobial and antioxidant activity” in Journal of Emerging Technologies and Innovative Research, ISSN 2349-5162,Volume 6,Issue 5,May 2019,569-577.
- vi. Published research paper on “Green synthesis and study on antimicrobial activity of nanoparticles from floral extract of Chrysanthemum indicum” in International journal of pharmacy and biological sciences, Impact factor 0.88, ISSN 2230-7605,Volume 8,Issue 4,Oct-Dec 2018,1121-1126.
- vii. Published research paper on “Wine production from over ripened banana” in World Journal of Pharmacy and Pharmaceutical science, SJIF Impact Factor 6.041, ISSN 2278 – 4357, Volume 5, Issue 6, 1461-1466, May 2016.
- viii. Published research paper on “Physicochemical parameters of pond water from Kalyan, Ambarnath and Badlapur city” in World Journal Of Pharmacy and Pharmaceutical science, SJIF Impact Factor

5.210, ISSN 2278 – 4357 , Volume 4, Issue 11, 1366-1370, October 2015.

- ix. Published research paper on “Study of alkaline lipase producer from bacteria and its use in detergent” and presented at National Conference on “Recent Trends & Innovations in Microbial World” organized by Dept. of Microbiology, Smt. CHM College, Ulhasnagar, 15-16th January 2015.

### 3. Books authored:

International Publisher	:	Nil
National Publisher	:	Nil
Chapter in edited book	:	01
Edited book by International publisher	:	Nil
Edited book by National publisher	:	Nil

Sr. No.	Chapter in Book	List of author/s as it appears in the publication	Name of the Book & the publishers, Issue no. and year of publication, page nos.	ISSN / ISBN number
1	“Bioethanol production from organic waste with immobilized yeast cell”	Shweta Humbarwadi, Shubham Jalgaonkar, Nayana Airekar and Poonam Raut	“Frontiers in Life Science Volume X, Bhumi Publishing ,India, Page No. 82-86,	ISBN No: 978-93-88901-35-2

### 4. List of Books authored: Nil

### 5. Major Research Project Completed: Nil

Title of the project	Date of sanction	Duration	Grant received	Funding agency

### 6. Minor Research Project Completed: 01

Title of the project	Date of sanction	Duration	Grant received	Funding agency

Study on IAA production by Azotobacter spp.	A.Y.2019-20	01 year	25,000/-	University of Mumbai
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**7. Patents: Nil**

Status	National	International
Applied		
Granted		

**8. List of patents: Nil**

**9. Membership: 01**

- Life member of ATBS (Association of Teachers in Biological Sciences)  
Membership Number: LM / 0524

**10. Consultancy service provided and Revenue generated: Nil**

**11. Academic Staff College Orientation/Refresher courses attended: 02**

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course			
Refresher Course			
Refresher Course			
Short Term Course on Let us fight AMR: An awareness about antimicrobial resistance	Ramnarain Ruia Autonomous College	24th April 2023 to 20th May 2023 (four week)	Open Education for Better World (OE4BW)
Short Term Course on Biodiversity and Environment Conservation	Raj Rishi Govt. Autontomous College	9th -15th March 2023 (one week)	RUSA

**12. Participation in conferences, symposia, seminars and workshops:**

Level	Presented paper	Only attended	Chaired session	Resource person
International	<b>04</b>	<b>02</b>		
National	<b>07</b>			
State		<b>01</b>		
University		<b>02</b>		
Webinars		<b>09</b>		

**13. Conferences, symposia, seminars and workshops organized as convener/co-convener:**

Level	Convener	Co-convener
International	Nil	Nil
National	Nil	<b>Webinar ( 02)</b>
State	Nil	Nil
University	Nil	Nil

- Worked as Co-ordinator in one day National Webinar on “A JOURNEY OF TRANSLATION BIOLOGY THROUGH BIOINFORMATICS” organized by Department of Microbiology, SICES Degree College, Ambarnath (W.) in April 2021.
- Worked as Co-ordinator in one day National Webinar on “RESEARCH OPPORTUNITIES IN BIOLOGICAL SCIENCES” organized by Department of Microbiology, SICES Degree College, Ambarnath (W.) in January 2021.

**14. Experience on the various committees at the college**

- Member, Science Association

**15. Experience on the NAAC/ IQAC of the college: Nil**

**16. Experience on the Various Committees at the University of Mumbai / Government: 01**

- Practical examiner: T.Y.B. Sc.
- Paper setter: T.Y.B. Sc. (Bioprocess Technology part I and part II)
- Paper Examiner : T.Y.B. Sc. (Bioprocess Technology part I and part II)
- Paper Moderator : Bioprocess Technology part II

**17. Awards/recognitions received : Nil**

Level	Title	Year	Awarding agency
International			
National			
State			
University			