



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

**ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL
(AUTONOMOUS)**

Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

FACULTY PROFILE



FACULTY PHOTO

1. General Information

Name of the Faculty	:	Mrs. Shweta Vinayak Humbarwadi
Name of the Department	:	Microbiology
Educational Qualifications	:	M.Sc Microbiology , MH- SET
Present Position	:	Assistant Professor
Address for Correspondence	:	Ft.No.04, D wing , Shantanu C.H.S., Swapnnagari, Belavali, Badlapur (W.), Tal.Ambarnath, Dist- Thane. 421503
E-mail	:	Shwetapatil2189@gmail.com
Contact Number	:	9503757823
Specialization	:	Environmental Microbiology, Industrial Microbiology
Total teaching experience	:	11 years
Courses taught	:	UG and PG



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2. Publication of Research Papers:

UGC Care listed Journal	:	03
Peer-reviewed Journal	:	06
Non-peer reviewed journals	:	Nil

3. List of Publication of Research Papers:

Sr. No.	Year of Publication	Title of Paper	Journal with ISSN No.	Vol. and Page No.	Peer Review ed /UGC Care list Journal
1	2023	Effect of Metal Tolerant Plant Growth Promoting Rhizobacteria on Marigold Growth under Zinc Stress Responses	Journal of Xidian University, ISSN:1001-24001	VOLUME 17, ISSUE 8, PP -1166-1175,	UGC CARE listed
2	April 2023	"Exploring dye degradation potential of the isolated fungal species from the spent mushroom substrate (SMS)"	Mukt Shabd Journal, ISSN : 2347- 3150 ,	Vol.10, Issue 4. PP-534-544	UGC CARE listed
3	March-2022	The capability of Soil enzymes (biostimulants) in sustainable crop production	Journal of International Journal of Enhanced Research in Science, Technology & Engineering, ISSN: 2319-7463	Vol. 11, Issue 3	Peer reviewed
4	November 2020	Exploring the potential of prodigiosin as an antimicrobial agent in textiles	Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162	Volume 7, Issue 11, PP-51-56	Peer reviewed
5	November 2020	Physico-chemical and Microbial Quality Assessment of Khadan	Journal of Emerging Technologies and	Volume 7, Issue 11,	Peer reviewed



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		lake, Ambernath, Thane District	Innovative Research, ISSN-2349-5162	PP-1-7	
6	May 2019	Green synthesis of silver nanoparticles from <i>punica granatum l.</i> And study of its antimicrobial and antioxidant activity	Journal of Emerging Technologies and Innovative Research, ISSN 2349-5162	Volume 6, Issue 5, PP- 569-577.	Peer reviewed
7	Oct-Dec 2018	Green synthesis and study on antimicrobial activity of nanoparticles from floral extract of <i>Chrysanthemum indicum</i>	Internalization journal of pharmacy and biological sciences, ISSN 2230-7605	Volume 8, Issue 4, PP-1121-1126	Peer reviewed
8	May 2016	Wine production from over ripened banana	World Journal of Pharmacy and Pharmaceutical science, SJIF Impact Factor 6.041, ISSN 2278 – 4357	Volume 5, Issue 6, PP- 1461-1466	Peer reviewed
9	October 2015	Physicochemical parameters of pond water from Kalyan, Ambernath and Badlapur city	World Journal Of Pharmacy and Pharmaceutical science, ISSN 2278 – 4357	Volume 4, Issue 11, PP- 1366-1370	Peer reviewed
10	January 2015	Study of alkaline lipase producer from bacteria and its use in detergent	Life Science		Peer reviewed

4. Minor Research Project Completed:

Sr. No.	Year	Title of the Project	Name of the Funding Agency	Amount
1	2019-20	Study on IAA production by <i>Azotobacter spp.</i>	University of Mumbai, Mumbai	25,000/-



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5. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended	Chaired session	Resource person
International	02	01		
National	03	02		

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

Level	Convener	Co-convener
International		
National		

7. Experience on the various committees at the college:

- Working as member in Science Association, Department of Lifelong learning and extension (DLLE) committees.

8. Experience on the NAAC/ IQAC of the college

- Working as member in NAAC criteria III .

9. Experience on the Various Committees at the University of Mumbai / Government

- 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