

**Pune District Education Association's
Waghire College of Arts, Commerce and Science, Saswad, Pune**

Faculty profile- Ms. Vishakha Nandlal Ganvir

PDEA ID No: 002242

1. Name of the faculty: **Dr. Vishakha Nandlal Ganvir**
2. Name of the Department: **Department of Microbiology**
3. Educational qualifications: Ph.D., M.Sc., SET,; M.Ed
4. Present position: Associate Professor
5. Address for correspondence: B-3/304, Oxygen Valley, Infront of Hadapsar New Bhaji Market, Solapur Rd, Manjri (BK), Hadapsar , Pune-412307
6. E-mail and contact number: ganvirvishakha512@gmail.com Mobile No. 9890340142
7. Specialization: Microbiology
8. Total teaching experience: 24 years
9. Courses taught: B.Sc. and M.Sc.
10. Research experience: 15 years
11. Major research projects completed: **None**
12. Minor research projects completed: **None**
13. Number of students awarded Ph.D./ M.Phil.degree: **NA**
14. Number of students registered for Ph.D./M.Phil degree: **NA**

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

Sr. No.	Name of Conference/Seminar etc	Level	Attended/ paper if presented	Chairperson/ resource person
1	Chromatography and Basic Techniques in Molecular Biology by Ecell, IIT, Kharagpur on 14 th To 15 th March 2022 at Waghire College, Saswad	National	Attended	-
2	Emerging Trends in Applied Microbiology and food Sciences at Y.C. institute of Science, Satara, on 2 nd To 3 rd Dec 2022	International	Attended	-
3	Simple Techniques of online teaching for teachers at S.M.Joshi College, Pune on 10 th August to 11 th August 2020 (Online)	State	Attended	-
4	How to conduct Virtual Labs at AISSMS, on 24 th June 2020 (Online)	Regional	Attended	-
5	Current Prospectives of Microbial Diseases 2020 at Y.C.College, Karad on 5 th Jun 2020	International	Attended	-
6	NDLI User Awareness Webinar organized by NDLI on 2 nd Jun 2020	National	Attended	-
7	Development of Biologics, Gene Therapy and Scientific writing organized by Gurunanak Khalsa College, Mumbai on 1 st Jun 2020	National	Attended	-
8	Importance of Concentration in E-Learning organized by Satyam and V.K. Krishna Menon College, Mumbai on 30 th May 2020	National	Attended	-
9	Digital era and Pendemic Situation organized by W.C.Saswad College on 26 th May To 28 th May 2020	National	Attended	-
10	Use of Modern analytical Instruments in Biological Sciences organized by Gurunanak Khalsa College, Mumbai on 22 nd May 2020	National	Attended	-
11	Life Sciences 2020-Education and Innovativation for Future by A.M.College, Pune on 5 th May to 7 th May 2020	National	Attended	-
12	Quiz Competition on Covid-19 Pandemics and Role of immunity by Dr. A.B.Telang College, Nigdi,	Regional	Participated	-

	Pune			
13	Health Hazards of Pesticides in Food Commodities in India at H.V.Desai College, Pune on 19 th - 20 th Jan 2018	National	Attended	-
14	Environmental Science, Ecology, Biodiversity and Climate change at Waghire college Saswad on 22 nd - 23 rd July 2017	International	-	Chairperson
15	Cultivation of Button Mushroom at Waghire College Saswad on 2 nd Jan 2017	workshop	Attended	-
16	Emerging Trends in Physical, chemical and Life Sciences(ETPCLS 2015) at PDEA's Waghire College, Saswad on 16 th to 18 th Feb 2015	National	Attended	-
17	Two days workshop on “ Syllabus detailing of Microbiology M,Sc II as per credit system” at T.C.College, Baramati on 8 th and 9 th Jul 2014	workshop	Attended	-

16. Presentation of Papers in National and International conferences:

Sr. No.	Year	Conference / Seminar	Title
1	7 th To 8 th Feb.2020	National conference	Emerging Trends in Life sciences at Waghire College, Saswad , Poster on Biodegradation of imidacloprid degrading microorganisms from pesticide contaminated soil
2	7 th To 9 th Feb.2019	International conference	Empowering Society with Microbial Technology at T. C. College, Baramati Poster on Isolation and characterization of Imidacloprid degrading microorganisms from soil”
3	11 th and 12 th January 2019	National conference	Application of Nanotechnology in Science at Waghire College, Saswad, Poster on ‘Isolation and Identification of Imidacloprid degrading microorganisms from soil”
4	4 th Feb 2018	International conference	“Emerging Trends in agriculture, Economics, Banking, Law, Humanities, Environmental and Social Science” organized by MMCC and IGCCIA at Arora Tower, Pune, presented paper on Bioremediation of Agricultural Soil Contaminated with Pesticides.

5	17 th - 19 th Feb 2018	International conference	“Microbiology Technology for Better Tomorrow”at Dr. D.Y.Patil Arts, commerce & Science College, Pimpri, Pune, presented paper on Isolation and Characterization of Imidacloprid Degrading Microorganisms from Pesticides Contaminated Soil
6	22 nd -23 rd July 2017	International conference	“Environmental Science, Ecology, Biodiversity and Climate change” at Waghire College Saswad
7	9 th and 10 th Feb 2016	International conference	“Innovative Trends in Chemical, Physical and Biosciences 2016.” P.D.E.A.s Annasaheb Magar Mahavidyalaya, Hadapsar, Pune, Maharashtra India, Title “ Intramural aerobiological investigation of sick building at Pimpri Chinchwad, Pune.”
8	3 rd and 4 th Feb 2016	National Conference	Advances in Applied, Physical, chemical and Life sciences” at Dr. D.Y.Patil Arts, Commerce and Science College, Pimpri, Pune. Title “Effect of cytokinin on the development of Kalanchoe Blossfeldiana Plant.”
9	22 nd and 23 rd Jan 2016	National Conference	Biodiversity and Environment department of life Sciences, Arts, Commerce and Science College, Sonai, Title “ Effluence of antibiotic ampicillin against acenetobacter.”
10	11 th and 12 th Jan 2016	National Conference	Interdisciplinary Approach in Scientific Research (IASR 2016) at S.M.Joshi College, Hadapsar , Pune. Poster Title “ Environmentally Biological option for E-waste management”
11	11 th and 12 th Jan 2016	National Conference	Interdisciplinary Approach in Scientific Research (IASR 2016) at S.M.Joshi College, Hadapsar , Pune. Paper Title “ Effect of different extracts of stem bark of F.religiosa on <i>Asp.fumigatus</i> ”
12	8 th and 9 th Jan 2016	State level Seminar	Advance techniques of Pharmaceutical Analysis at P.D.E.A.s Seth Govind Raghunath Sable College of Pharmacy, Saswad, Pune.”Title “Study of effect of organic solvents, monosaccharides and disaccharides on enzyme activities of B glucosidases and b xylosidase of <i>Aspergillus niger</i> NCIM 1207.
13	19 th Sep 2015	International Conference	Recent Trends in Computing Engineering and Technological Sciences at MCCIA, Pune Title “ Micropropagation of Cordyline fruticosa (KIWI) L. “

17. Details of research papers published

Sr. No	Title of the paper	Names of all authors	Conference proceedings/Journal	Year, volume, page	Impact factor of the journal/ ISSN/ISBN
1	Screening and Isolation of Imidacloprid Degrading Microorganisms from Pesticide Contaminated soils from Saswad Region in Pune, <i>Maharashtra</i>	Ms. Vishakha N. Ganvir and Dr. shivaji J. Sathe	Bulletin of Environment, Pharmacology and Life Sciences	Spl Issue [1] January 2023 : 500-507	2277-1808
2	<i>In- vitro</i> study of Plant Growth Promoting Traits (PGP) of <i>Cytobacillus firmus</i> strain VG5	Ms. Vishakha N. Ganvir, Dr. shivaji J. Sathe, Dr. Madbhavikar B.S, Ms. Gajarmal Komal, & Ms. Waghmode Megha	Bulletin of Environment, Pharmacology and Life Sciences	Spl Issue [1] January 2023 : 435-442	2277-1808
3	Biodegradation of imidacloprid in liquid media by an isolated soil bacteria <i>Cytobacillus firmus</i> strain VG5	Vishakha N. Ganvir, & Dr. S. J. Sathe	Ecology, environment and Conservation (EM International)	29 (1) : 2023; pp. (438-444)	0971-765X Scopus Impact factor 0.341

4	Screening and Isolation of imidacloprid degrading microorganisms from pesticide contaminated soil	Vishakha N. Ganvir, Dr. S. J. Sathe	Review of Research, UGC Approved, International online multidisciplinary Journal	June-2019 Vol-8, Issue-9 Pg. 1-8	ISSN: 2249-894X Impact Factor:5.7631(UIF)
5	Bioremediation of Agriculture soil contaminated with pesticides-Review	Vishakha N. Ganvir, Dr. S. J. Sathe	AJANTA, UGC listed Peer Reviewed Journal Journal No. 40776	Jan-Mar2018 , Issue-I , Vol-VII Pg.68-80	ISSN: 2277-5 730 Sjif 4-205
6	Isolation and Characterization of Glyphosate degrading microorganisms from contaminated soil	Vishakha N. Ganvir, Dr. S. J. Sathe	ROYAL, UGC listed Peer Reviewed Referred Journal Journal No. 47037	Jun-Nov 2017, Vol- VI, Issue-I, Part II Pg.173-180	ISSN: 2278-8185 Sjif 4-42
7	Efficacy of extracts of <i>Clerodendrum infortunatum</i>	Vishakha N. Ganvir, Bhagyashree Mane	ROYAL, UGC listed Peer Reviewed Referred Journal Journal No. 47037	Jun-Nov 2017, Vol- VI, Issue-I, Part II Pg.188-193	ISSN: 2278-8185 Sjif 4-42
8	Preliminary checklist of Avifaunal diversity in the Prati-Balaji village,Ketkavale	Bhagyashree S. Madbhavikar, Vishakha N. Ganvir,	ROYAL, UGC listed Peer Reviewed Referred Journal Journal No. 47037	Jun-Nov 2017, Vol- VI, Issue-I, Part II Pg.181-187	ISSN: 2278-8185 Sjif 4-42

9	Efficacy of <i>F. religiosa</i> bark against fungi	Vishakha N. Ganvir,, Prof. Pravin Cholke, Shilpa S. Burele	ROYAL, UGC listed Peer Reviewed Referred Journal Journal No. 47037	Jun-Nov 2017, Vol- VI, Issue-I, Part II Pg.181- 187	ISSN: 2278-8185 Sjif 4-42
10	“ Effluence of antibiotic ampicillin against acenetobacter.”	Shilpa S. Burele, Dr. Hemlata Karkar, Vishakha Ganvir	Biodiversity and Environment	2016, PP-40	-
11	“Effect of cytokinin on the development of Kalanchoe blossfeldiana plant”	Prof. Pravin Cholke, Vishakha Ganvir	International journal of Advances in Applied, Physiacal and Life Sciences	Pg-32	ISBN:978-93-5158- 585-5
12	Antimicrobial activity of the extracts of Clerodendrum sp.	Vishakha N. Ganvir	Innovative Research in Life Sciences	Pg-45	ISBN:978-6224- 212-2

18. Innovative processes developed in teaching and learning.

- 1) Use of Power point presentation, ,Models in Teaching
- 2) Use of You Tube Video related to topics.
- 3) Google classroom materials

19. Participation in curricular development: Yes

Sr. No.	Name of the subject/discipline for which curricula and courses design (Eg: B.E, M.E, M.Sc., B.Sc., MA, BA, B.Com, M.Com)	Name of the Subject / course for curricula and courses design	Level of Course Material (Eg. UG/PG)	Details of the curricula and courses design (Class)
---------	--	---	--------------------------------------	---

1	B.Sc Microbiology (2021-22)	MB-333 Enzymology, MB-343 Metabolism & Practical course III Applied	UG	T.Y.B.Sc
2	B.Sc Microbiology (2020-21)	MB-211 Bacterial systematic & Physiology, MB 221 Bacterial Genetics & Practical course based on MB 211 & MB221	UG	S.Y.B.Sc
3	M.Sc Microbiology (2014-15)	Microbiology Credit Pattern 4 Theory & 2 Practicals Sem III & IV	PG	M.Sc-II
4	B.Sc Microbiology (2013-14)	MB-211 Bacterial systematic & Physiology, MB 221 Bacterial Genetics & Practical course based on MB 211 & MB221	UG	S.Y.B.Sc
5	B.Sc Microbiology (2009-10)	MB-333 Enzymology, MB-343 Metabolism & Practical course III Applied	UG	T.Y.B.Sc
6	B.Sc Microbiology (2008-09)	Microbiology P-I & P-II Practical	UG	F.Y.B.Sc

20. Participation in co-curricular and extra-curricular activities.

- 1) Worked as a co-coordinator of Soft Skill Development Program from 2007 to 2012.
- 2) Worked as a member of Women cell
- 3) Member of Placement Cell
- 4) Celebrated women's day on 8th march 2017

- 5) Celebrated 26th foundation day of department of Microbiology on 23rd Sept 2016
- 6) Celebrated and participated in Science day exhibition on 13th Dec 2016
- 7) Organized and participated in Farewell and valedictory programmes for M.Sc Microbiology students
- 8) Worked as polling officer I/III for Election Duty of Z.P. and P.S. on 20 and 21 Feb 2017, 2019
- 9) Comparing/Anchoring in State level/ National level Conferences and College Annual prize distribution program
- 10) Comparing/Anchoring in Annual Prize distribution Programme
- 11) Chairman of College Cultural Committee since 2017
- 12) Active member in organization of Sharad Youth Fest 2017-18 at Waghire College Saswad
- 13) Active member in organization of National and International Conferences at Waghire College, Saswad
- 14) Active member in conducting College internal exams (Science dept) since 2017-2021
- 15) Chairman for Add on/Remedial Teaching from 2023-24

21. Refresher and Orientation courses attended:

Sr. No.	Name of the Course	Place	Dates		Duration in Weeks	Sponsoring Agency
			From	To		
1	Orientation Programme	ASC, University of Pune	22-11-2004	19-12-2004	04	UGC-ASC, University of Pune
2	Refresher Course in Life Sciences (Microbiology)	ASC, RTM Nagpur University, Nagpur	17-01-2006	06-02-2006	03	UGC-ASC, RTM Nagpur University, Nagpur

3	The Soft Skill Development Programme for Trainers	Shardabai Pawar College, Baramati	21-07-2007	28-06-2007	01	University of Pune, Pune
4	Refresher Course in Environmental science (Microbiology)	ASC, University of Pune	01-03-2011	21-03-2011	03	UGC-ASC, University of Pune
5	Teacher Training Programme	H. V. Desai College, Pune	04-04-2016	11-04-2016	01	Malhotra Weikfield Found Pune
6	Refresher Course in Environmental science (Microbiology)	ASC, BAMU, Aurangabad	01-03-2017	21-03-2017	03	UGC HRDC, Aurangabad

22. Books published: with ISBN No., Without ISBN No., Chapters in books.NA

23. Patents Applied/Granted: National. International, commercialized: NA

24. Consultancy services provided and revenue generated: NA

25. Conferences, seminars, symposia and workshops organized as convener/coordinator/ Member:

Sr. No.	Title of seminars, symposia, workshops, Conference	Duration	Level	Whether convener or coordinator
	Emerging Trends in Life sciences	2 days	National	Member
	Application on Nanotechnology in Science	2 days	National	Member
1	Recent Trends in Chemical and Biological sciences on 06-08 Feb 2018	3 days	National	Member

2	Commercial White Button Mushroom cultivation on 02 Jan 2017	1 day	State	Member
3	Environmental science, Ecology, Biodiversity and Climate Change on 22 nd -23 rd Jul 2017	2 days	International	Member
4	Recent trends and opportunities in Life Sciences on 24 th and 25 th Jan 2017	2 days	National	Member
5	Emerging Trends in Physical, chemical and Life Sciences(ETPCLS 2015) at PDEA's Waghire College, Saswad on 16 th to 18 th Feb 2015	3 days	National	Member

26. Number of collaborations: NA

27. Awards /recognitions received: International, National, State, University level. 01

Sr. No.	Name of the Award / Fellowship	Sponsoring Agency	Date
1	Excellence in reviewing of articles	International online journal "Review of Research"	June 2019

Dr. Vishakha Nandlal Ganvir