

BIO-DATA

Asst. Prof. **DHAWAL VIDYACHANDRA DOSHI**

Personal Information

Educational Qualification : M.Sc. Microbiology, NET (CSIR) JRF (AIR - 57)
Present Designation : Assistant Professor
Date and Place of Birth : 13/04/1985, Kurla, Mumbai
Category : Open
Religion & caste : JAIN
Gender : Male
Mobile No. : 9890798800
E-mail address : doshidhawal26@gmail.com
Address : Row house no. 3, Wagholikar Park,
Ashoknagar, Baramati, Tal.: Baramati, Dist.
Pune, PIN: 413102
Experience : 14 yrs. (7th July, 2010 - till date)

Educational Details

Examinations	Name of the Board/ University	Year of Passing	Percentage of marks obtained	Division/ Class/Grade	Subject
High School /Matric (SSC)	Maharashtra Board	2000	77.47 (581/750)	1 st class with distinction	MAR, ENG, MATHS, SCI, SOC-SCI
Intermediate (HSC)	Maharashtra Board	2002	58.50 (351/600)	Higher second	BIO, MATHS, PHY, CHEM, ENG
B.Sc.	Pune	2005	70.42 (845/1200)	1 st class with distinction	Microbiology
M.Sc.	Pune	2009	61.45 (1229/2000)	1 st class	Microbiology
NET	UGC-CSIR, Delhi	2012 17 JUN, 12	-	AIR - 57, CSIR JRF	Life Science

Work Experience: (More than 14 Years)

Sr. No.	Position	Name of the institute	From	To	Pay scale
1	Assistant Manager	Schreiber Dynamix Dairies LTD, Baramati	2009	2009	10000
2	Assistant	Tuljaram	2010	2016	(Consolidated)

	Professor	Chaturchand College, Baramati			10000 - 20000
3	Assistant Professor	Tuljaram Chaturchand College, Baramati	2016	onwards	As per 5 th pay 8000-235- 13500
4	Assistant Professor	Tuljaram Chaturchand College, Baramati	11 Oct, 2024	onwards	As per 7 th pay Grade pay 6000 Academic level 6 57700-182400

Publications: (Total 9 = 7 published + 2 accepted)

1. **Doshi D V, Maniyar J P, Bhuyan S S and Mujumdar S S**, Studies on Bioemulsifier production by *Actinopolyspora* sp. A18 isolated from garden soil, *Indian Journal of Biotechnology*, 9 (2010) 391-396. (Citations: 32, Impact factor: 0.324)
2. **Maniyar J P, Doshi D V, Bhuyan S S and Mujumdar S S**, Bioemulsifier production by *Streptomyces* sp. S22 isolated from garden soil, *Indian Journal of Experimental Biology*, 49 (2011) 293-297. (Citations: 27, Impact factor: 0.944)
3. **SJ Sathe, SP Kadam, VP Bankar, ML Mulik, MH Gajbhiye, DV Doshi**, Studies on Isolation and Bioemulsifier Production by Bacteria from Hydrocarbon Contaminated Soil, *Journal of Empirical Biology*, 1 (2012) 45-54. (Citations: 1)
4. **Sathe SJ, Gajbhiye MH and Doshi DV**, Production and extraction of antifungal compound from *Lactobacillus paracollinoides* FG401, *Int. Res. J. of Science & Engineering*, Special Issue A1 (2017) 210-214.
5. **Owal S. P. Dorle S. B., More G. V., Patil S., Jadhav S, Doshi D. V, and Sathe S. J.**, Optimized production of Antifungal compound by lactic acid bacterial Isolate from the Aerial parts of Grape and Vineyard Soil, *International Journal for Pharmacy and Biological Science*, 9 (2019) 186-196.
6. **Swarali S. Shah, Sneha M. Mhetre, Vinaya R. Doshi, Shivaji J. Sathe and Dhawal V. Doshi**, Isolation and characterization of Bacteriophage against *Xanthomonas* Sp. And their use in phage therapy, *International Journal for Pharmacy and Biological Science*, 9 (2019) 116-123.
7. **Doshi D. V., Gawade S.S., Gadiya N. K., Kale S. L. and Mulay Y. R.**, Bio-synthesis and characterization of silver nanoparticles, *Bioinfolet*, 21(2) (2024) 215-217). DOI: 10.5958/0976-4755.2024.00064.3
8. **Dhawal Doshi and Yogini Mulay**, Plant based bioethanol production: a review, (Accepted in - *Bulletin of Environment, Pharmacology and Life Sciences*).
9. **Doshi D. V. and Mulay Y. R.**, Microbial surface active compounds (SACs) for betterment of environment, ecology, environment and conservation,

30 (Aug suppl issue) (2024), S62-67, DOI: 10.53550/EEC.2024.v30i05s.010.

10. **Doshi D. V., Jagtap K. R., Lonkar Bhawana, Bhoite Nikita, and Mulay Y. R.,** Isolation and characterization of plant growth promoting potential of *Enterobacter kobai* isolated from rhizosphere soil, (communicated to – Applied Biochemistry and Biotechnology).

Paper Presented: (Total = 8)

1. **Doshi D. V., J. P. Maniyar and S. S. Mujumdar (2008),** Studies on bioemulsifier production by actinomycetes isolated from different sources. A national conference on global warming and its consequences held at Sharda Bai Pawar Mahila Mahavidyalaya, Malegaon, Baramati, Dist. Pune. (10th -12th Jan 2008).
2. State level conference held at Dept. of Biotechnology, Modern college, Pune. (28th Dec 2007).
3. **Kadam S. P., Bankar V. P., Mulik M. L. and Doshi D. V. (2011),** Biosurfactant and their commercial applications. A national conference on Frontiers in Life Sciences, held at Sharda Bai Pawar Mahila Mahavidyalaya, Sharda Nagar, Baramati, Pune, India, (11th to 13th January 2011).
4. **Mulay Y. R., Sathe S. J., Doshi D. V. and Badave S. (2012),** Starch based renewable fuel production. A national conference on 'New Horizons in Applied Sciences', held at Sharda Chandra Pawar Mahavidyalaya, Lonand, Satara, India, (14th to 15th SEP 2011).
5. **Owal S. P. Dorle S. B., More G. V., Patil S., Jadhav S, Doshi D. V, and Sathe S. J.,** Optimized production of Antifungal compound by lactic acid bacterial Isolate from the Aerial parts of Grape and Vineyard Soil, International Conference on "Empowering Society with Microbial Technology" held at Tuljaram Chaturchand College, Baramati (7th to 9th February 2019).
6. **Swarali S. Shah, Sneha M. Mhetre, Vinaya R. Doshi, Shivaji J. Sathe and Dhawal V. Doshi,** Isolation and characterization of Bacteriophage against *Xanthomonas* Sp. And their use in phage therapy, International Conference on "Empowering Society with Microbial Technology" held at Tuljaram Chaturchand College, Baramati (7th to 9th February 2019).
7. **Priti Bhosale, Dhawal Doshi, Dnyaneshwari Gore, Sanjana Gaikwad, Sharayu Murumkar, Pranali Jadhav and Yogini Mulay,** Isolation, Identification and Characterization of Plant Growth Promoting *Pseudomonas* spp, A national conference on Microbial Bioprospecting for Environmental Conservation and Restoration, held at Sharda Bai Pawar Mahila Mahavidyalaya, Sharda Nagar, Baramati, Pune, India, (05th to 06th February, 2024).

8. **Dhawal Doshi, Kshitija Shinde and Mrunal Navale, Isolation, Identification, and Characterization of Pigment-Producing Bacteria from Soil and Water Samples, An International conference on Biotechnology for Better Tomorrow: BTBT – 2024, held at Institute of Fundamental and Applied Research, National Research University (TIAME), Tashkent, Uzbekistan, (16th to 17th May, 2024).**

Patents: (Total = 2)

Sr. No.	Title of patent	Name of Inventor/s	Date of File	Date of approved	Patent number
1	Petri plate with variable vents	Dhawal V. Doshi and Manas C. Shah	07/03/24	10/05/24	409615-001
2.	Mechanical Clutch Nichrome Wire loop	Manas C. Shah, Dhawal V. Doshi, Milind H. Gajbhiye and Sunil T. Pawar	22/05/24	28/06/24	417708-001

Research projects: (Total = 1)

Sr. No.	Title	Funding Agency	Duration	Grant (Rs)
1	Studies on Microbial Conversion of Biomass Energy Present in Mannan to Ethanol	Tuljaram Chaturchand College, Baramati (Seed money for teachers scheme)	2023 - 2024	125000

Participation in National / State Level Conferences / Workshops: (Total = 18)

Sr. No.	Topic Title	Name of Sponsoring Agency	Level	Date
1	Certificate Course on "Pharmaceutical Techniques"	Modern College of ASC, Pune-411 005		2008
2	Orientation lecture workshop for AVISHKAR 2012	TC College & BCUD, Pune	University	2 Dec 2012
3	Syllabus detailing of Microbiology M.Sc. II as per credit system	TC College & BCUD, Pune	University	8-9 July 2014
4	International conference on "Plant	Tuljaram Chaturchand	International	11-13 Feb 2016

	research and resource management”	College, Baramati		
5	Hands on Techniques in Molecular Biology	Himedia Laboratories Pvt.Ltd and shardabai pawar mahavidyalaya, baramati	Zonal	6th Aug 2016
6	Advance Analytical Techniques in HPLC and LCMs	Spinco Biotech Pvt.Ltd and TC College, baramati	Zonal	25th Feb 2017
7	International Conference on “Empowering Society with Microbial Technology”	Tuljaram Chaturchand College, Baramati	International	7th to 9th February 2019
8	National Conference on “Integration of Biological Data for Translation of Science”	Vidya Pratisthan’s Arts, Science and Commerce College, Baramati	National	22nd to 23rd February 2019
9	National conference on “Phage-A boon in disguise”	Abeda Inamdar college, Camp, Pune	National	17th to 18th jan 2020
10	National webinar on “Covid Vaccine: Truth and Untruth Unfold	Department of Microbiology, T.C college, Baramati	National	27-30 2January 2021
11	UGC Sponsored webinar on “NEP 2020 changing role of Teacher”	BAMU, Aurangabad	Online	27 Sep, 2022
12	Workshop on “Automated nucleic acid extraction system”	Himedia Laboratories Pvt.Ltd	Zonal	7 Oct, 2022
13	International Conference on “Emerging trends in Applied Microbiology and Food Sciences”	Yashwantrao Chavan Institute of Science, Satara	International	2-3 Dec, 2022
14	Hands on training program in “Practices in life science and	Bioera’s R&D center and training facility, Pune		17 – 20 Jan, 2023

	diagnostics”			
15	FDP on “Sensitization on Innovation & cutting- edge technology”	Maharashtra state faculty development academy	FDP	14 – 16 Mar, 2023
16	Workshop on “Professional Development”	T.C college, Baramati		19 Jan, 2023
17	National conference “Emerging paradigm in agricultural microbiology”	Atmiya University, Gujrat	National	11 Feb, 2023
18	Training program under “National intellectual property awareness mission”	Intellectual property office, India		06 Sep, 2023
19	AI Based Tools for Research, Teaching and Accreditation	IMS Ghaziabad	FDP	09 – 13 Dec, 2024

Administrative Work / Extra Curricular Work

Sr. No.	Designation	Period
1	M.Sc. Coordinator	2019 onwards
2	Member of BOS in microbiology, at T.C College of Arts, Science & Commerce, Baramati	2019 onwards
3	Member of Syllabus framing committee for M.Sc. Microbiology, SPPU, Pune	2013
4	Member of NSS	2019 - 2023
5	Member of Student satisfaction survey committee	2019 onwards
6	Member of student prize distribution committee	2019 onwards
7	Member of common facility center committee	2023 onwards

Contribution towards IQAC

Sr. No.	Designation	Period
1	Member of Student satisfaction survey committee	2019 onwards
2	Member of NAAC criteria I subcommittee (handling metric 1.3.3)	2023 onwards

Examination work

Sr. No.	Capacity	College / University Exam	Date
1	Paper setter	University and College Exam	2013 onwards
2	Moderator	College Exam	2021 onwards
3	Examiner	Practical Exam (University and college)	2013 onwards
4	Junior Supervisor	University and college Exam	2010 onwards
5	Expert for Practical Exam	University and college Exam	2010 onwards

Life Membership of Professional bodies

Sr. No.	Designation	Period
1	Member of Microbiologist society of India	2019 onwards

Workshops organized: (Total = 5)

1. Worked as a coordinator for two days “Health check-up camp” as departmental best practice from 18 Jan to 19 Jan, 2024.
2. Worked as organizing secretary for training workshop “Pharmaceutical techniques and career navigation with interview skills” under MOU with Q-edge consultancy and training, Pune on 15th Mar, 2023.
3. Worked as coordinator for, Hands on training program in “Practices in life science and diagnostics” at Bioera’s R&D center and training facility, Pune from 17 to 20 Jan, 2023.
4. Worked as organizing secretary for five days workshop entitled, “Skill based workshop on bioinoculant production”, under ED, RUSA in collaboration with Green vitals biotech, Pune from 12 to 14 Oct, 2022.
5. Worked as coordinator for ten days workshop on “Industrial skills in microbiology” in collaboration with ED cell from 14 Mar to 24 Mar, 2022.