

Curriculum Vitae

- 1 Name (in Block Letters) : **Dr. Shubhangi Rajkumar Shinde**
- 2 Department : **MICROBIOLOGY**
- 3 Current Designation : **Associate Professor and Head
Department of Microbiology
Annasaheb Magar Mahavidalaya,
Ph.D Guide in Microbiology, 3 Students
Enrolled for Ph.D**
- 4 Teaching Experience : **20 Years (3 Yrs No grant , 17 yrs Grant Basis)**
- 5 Address (With Pin code) : **Department of Microbiology, P.D.E.As
Annasaheb Magar Mahavidalaya,
Hadapsar, Pune 411028**
- 6 Telephone / Mobile No : **+91-9881839389**
- 7 E-mail : **shindeshubhangi5@gmail.com**

1. Academic Qualifications:

Examinations	Name of the Board / University	Year of Passing	Percentage of Marks Obtained	Division / Class / Grade	Subject
High School / S.S.C.	Central Board of Secondary Education	1997	62.6%	First Class	Science, Mathematics, English, Hindi, Social sciences.
Intermediate / H.S.C.	Central Board of Secondary Education	1999	63.6 %	First Class	Physics, Chemistry, Biology, English,
U.G. (B.Sc.)	Savitribai Phule Pune University (Formerly University of Pune)	2002	66.47%	First Class	Microbiology
U.G. (B.Ed.)	Savitribai Phule Pune University (Formerly University of Pune)	2006	77 %	First Class with Distinction	Science & Mathematics
P.G. (M.Sc.)	Savitribai Phule Pune University (Formerly University of Pune)	2004	58 %	Higher Second Class	Microbiology
SET	SPPU	2006	Pass	Qualified	Life Sciences

Degrees	Title	Date of Award	Name of University
Ph.D.	“Studies on Biodegradation of Organophosphorous Pesticides by microorganisms Isolated from various sources.	06/07/2019	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

2. Research Papers Published:

Sr · No ·	Title	Name of the Journal
1	Morphological and elemental analysis of termite mound and ant nest in agriculturally prominent area.	Nep J Environ Sci (2023)ISSN 2350-8647
2	Bioremediation of Azo dyes by Microbial consortia isolated from textile effluent contaminated soil.	Bulletin of Env,Pharma and Life sci (2023)ISSN 2277-1808
3	Bioelectricity production from Algal water sample using microbial Fuel cells	Bulletin of Env,Pharma and Life sci (2023)ISSN 2277-1808
4	Soil Born Pseudomonas fluorescens and Achromobacter pulmonis mediated degradation of Dimethoate and its bioassay	Journal of Biological and Chemical Research ISSN 2319-3077
5	Screening the potential of Pseudomonas fluorescens and Achromobacter pulmonis as safe dimethoate degrader and plant growth promoting agents	Journal of Biological and Chemical Research ISSN 2319-3077
6	Biodegradation of Caffeine	Int Journal of Science and Research ISSN 2319-7064
7	Quantitative Analysis of Caffeine by Percent Degradation Assay and Iodometric Titration	Int Journal of Science and Research ISSN 2319-7064
8	Isolation of sodium dodecyl sulphate degrader from the contaminated water sample and its Bioassay	Research Journal of Agri Sci ISSN 0976-1675
9	Role of Immobilization in biodegradation of surfactant using bacterial whole cell and purified enzyme for water treatment planning	Research Journal of Agri Sci ISSN 0976-1675
10	Effect of phosphate solubilization on biodegradation efficiency of organophosphorus pesticide	Research Journal of Agri Sci ISSN 0976-1675
11	Antibacterial and Phytochemical Analysis of Carica papaya L.	Research Journal of Agri Sci ISSN 0976-1675
12	Physicochemical and microbial analysis of soil from village ketkawale village, Maharashtra, India	Royal-ISSN 2278-8158
13	Microbial bioremediation by <i>Bacillus</i> B1 species	Royal-ISSN 2278-8158
14	Bioremediation: Dimethoate (pesticide) degradation by microbial	Royal-ISSN 2278-8158
15	Transformation of Rhizobium with plasmid from <i>Pseudomonas</i> spp .A1113 to degrade dimethoate	Int Journal of Pharmacy and Biological Sci
16	Screening, characterization and identification of soil isolates for degradation of organophosphorus group of pesticide (Dimethoate and Parathion	Int Journal of current Microbiology and Applied Sci ISSN 2319-7706
17	Isolation ,molecular characterization and plant growth promoting traits if <i>Neosia chiangmaiensis</i> (KD) from banana.	Int Journal of Env Sci ISSN 0976-4402
18	Isolation and characterization of Lipid accumulating yeasts (Oleaginous Yeast) from natural resources	National Journal of Int .research (NJIR)ISSN 2395-1419
19	Enzymatic degradation of organophosphorus pesticide (Dimethoate) by fungal isolates from soil.	National Journal of Int. research (NJIR)ISSN 2395-1419
20	Liquid formulations of acetobacter and diazotrophicus L1 and <i>Herbaspirillum seropedicae</i> J24 and their field trials on Wheat.	Int Journal of Env Sci ISSN 0976-4402

3. Book Publication:

Title of Book	Publisher	International/National/State	Number of Authors
Agrobioremediation Strategies in Maharashtra	Lulu Publication ISBN Number 978-1-257-63106-3	International	1 Principal Author

4 .Research Guidance:

1. Recognized Post Graduate Teacher, M.Phil and Ph.D. Research Guide in Microbiology by Savitribai Phule Pune University, Pune in Microbiology from 05/01/2022, Ref. letter No. BOD/Sci and Tech. /14/32.
2. Recognized as Post Graduate Teacher. Ref No. BOD/Sci and Tech/09/550.
3. Submitted a National Policy Document , Deposited a culture at NCMR.
4. Guiding Three Ph.D. student in Microbiology at research centre PDEA's Annasaheb MagarMahavidalaya Hadapsar , Pune.
5. Research guidance to P.G Students of Microbiology since 2007 to till date .

Sr No.	Name of Research Student	Topic	W.E.F
01.	Urmila Shankar Dhangar	Studies on Bioremediation of textile dyes using Silver and Titanium oxide Nanoparticles synthesized by fungal isolate	10/08/2022
02.	Mamta Ganpati Jangave	Role of Nanomaterials in Microbial Bioremediation of Pesticide	10/08/2022
03.	Archana Anil Ghadge	Microbial Synthesis of Iron Oxide Nanoparticles and their Potential for Remediation of Phosphates and Nitrates in Dairy Effluent	03/05/2023

5. Orientation/Refresher/FDP /Short Term course:

Name of the Course	Place	Duration	Name of Organizer
Orientation Programme	SPPU	07/09/2010 to 4/10/2010	Academic Staff College, Savitribai Phule Pune University, Pune
Refresher Course in Life Sciences (Microbiology)	Department of Environment Science, University of Pune	01/03/2013 to 21/03/2013	Department of Environment Science, University of Pune
Refresher Course in Life Sciences (Microbiology)	Department of Environment Science, Savitribai Phule Pune University, Pune	01/10/2015 to 21/10 /2015	Department of Environment Science, University of Pune
Faculty Development Programme”	Tuljaram Chaturchand College,Baramati	10/10/2011 to 16/10/2011.	UGC, SPPU, Pune
FDP on Cyber Security	PDEAs Ramkrishna More College,Akurdi	30/09/2019 to 05/10/2019	Shivaji University, Kolhapur PMMMNMTT
FDP on Data Sciences”	JSPMs Rajashi Shahu College of Engineering,Tathawade,Pune	04/11/2019 to 09/11/2019	Shivaji University, Kolhapur PMMMNMTT
One week online Short-Term Course on Challenges in discovery of Antiviral Agents and Vaccines	Jawaharlal Nehru Technological university,Hyderabad	08/06/2020 to 13/06/2020	UGC, HRDC
FDP on Mathematics for Biological sciences	Shardabai Pawar Mahila Mahavidalaya, Shardanagar, Baramati	15/06/2020 to 20/06/2020	UGC, HRDC
Online FDP on Leadership and Excellence in Higher Education	All India Council for technical education	23/08/2021 to 27/08/2021	AICTE Learning and Atal Academy

6. Minor Research Project:

1. Successfully Completed a minor research project sanctioned by UGC, letter Number 47/1325/10(WRO)dated 21/9/2010

Title of project: “Biodiesel production from Yeast.”

Total amount sanctioned Rs. 1.00,000 /-

7. Seminar/ Workshop / Conferences / Symposia attended at University /State / National / International level:

4 University / state / national / international level conferences attended & presented research paper / oral / poster etc.: **22**

Resent Paper Presented at National/International conferences:

Sr. No	Title of Presentation in Academic Session	Title of Conference / Seminar	Name of Organizer
1	Optimization of parameters for microbial degradation of Dimethoate (Organophosphorus Pesticide) by <i>pseudomonas</i> sppA1113 and <i>Achromobacter pulmonis</i> .	Empowering society with Microbial Technology	T.C. College , Baramati International
2	Microbial Degradation of Dimethoate and Parathion	Frontiers in Life Sciences and Earth Sciences	PDEAs Prof. RMC Akurdi PuneInternational
3	One Day State Level Seminar	Trends in Life Sciences	PDEAs Annasaheb Magar Mahavidalaya,Hadapsar,Pune 411028
4	Screening Characterization and identification of detergent degrading Microorganisms from soil	Phage- A Boon in Disguise2020	MCE society, Abeda Inamdar Senior College of Arts,Commerce and Science ,National
5	Biodegradation of Caffeine in Agriculture soil by <i>Pseudomonas</i> Spp	Emerging Trends in Life Science	PDEAs Waghire College ,Saswad National
6	Isolation, Identification and Screening of Lactic acid bacteria of food origin as Probiotics.	Pioneering Research in Environment Science and Microbiology	PDEAs Annasaheb Magar Mahavidalaya,Hadapsar,Pune 411028 International
7	Studies in Antimicrobial and antifungal properties of <i>Syzigium aromaticum</i>	Pioneering Research in Microbiology and Environment Science	PDEAs Annasaheb Magar Mahavidalaya,Hadapsar,Pune 411028International
8	Isolation of poly unsaturated fatty acid producing bacteria.	Pioneering Research in Microbiology and Environment Science	PDEAs Annasaheb Magar Mahavidalaya,Hadapsar,Pune 411028 International

9	Biofuel Production : A novel Approach for environment conservation.	Environment Conservation by adopting new technologies.	Modern college of Arts,Science,Commerce, Shivaji Nagar
10	Screening for Degradation of Organophosphorous group of Pesticide.	Dynamic microbes: Role in Human welfare	Modern college of Arts,Science,Commerce, Shivaji Nagar
11	Biodegradation of Pesticide.	Emerging trends in Physical, chemical and Life Sciences	Waghire College , Saswad
12	Advance techniques of Pharmaceutical Analysis	Advance techniques of Pharmaceutical Analysis	PDEAs Seth Govind Raghunath Sable college of Pharmacy saswad
13	Synthesis and characterization of biologically active oxo- derivative of curcumin	Advances in Organic chemistry	Poona College of arts , science and Commerce
14	Antimicrobial properties of carica papaya leaf extract against different bacteria	Innovative Trends in Physical, chemical and Bioscience	PDEAs Annasaheb Magar Mahavidyalaya, Hadapsar,Pune 411028
15	Isolation and characterization of IAA producing microorganisms from rhizospheric region of orizae plant	Plant, Research and resource Management	T.C. College, Baramati
16	Microbial degradation of Parathion	Frontiers in Life Science and Earth Science	Prof. Ramkrishna More , Arts,science and Commerce College, Akurdi

Major contributions for College Development:

- Working as Head, Department of Microbiology
- **Chairmen of NAAC Criterion VII.**
- Member of Academic Research Committee.
- Examiner for Science Exhibition which is held on 12 th Dec every year.
- Actively working as Member of LMS Learning management system.
- Working in Competitive Exam Committee, Study Tour Committee.
- Member of Ex- Student Cell of College.
- Worked for 3 years as Chairmen of Health Checkup committee.

Date :
14 June 2024

Dr. Shubhangi Rajkumar Shinde
Head of Department