



Faculty Profile

Dr. Vijayshree Milind Hemke

MSc, BEd, MPhil, PhD, Post-doc (NCCS, Pune)

Assistant Professor in Zoology

Shri Shivaji Science And Arts College, Chikhli.

Subject:	Zoology
Area of interest	Biology of Wasps, Pollination Biology, Immunology
Mailing Address	Department of Zoology Shri Shivaji Science And Arts College, Chikhli 443201 Di: Buldana
Email Address	<u>drvhemke@gmail.com</u>
Contact No.	9421732680
Research Supervisor in Zoology	SGBAU Part-II- ExtraOrdinaryNotificationNo.33- 2019 Dated 10/04/2019
ORCiD	<u>0000-0003-2019-2604</u>
ResearchGate	<u>https://www.researchgate.net/profile/Vijayshree-Hemke</u>
Google Scholar	<u>https://scholar.google.com/citations?user=kzcA08YAAAAJ&hl=en</u>
Member	IQAC (Criterion-I)
Coordinator	IIRS/ ISRO Outreach Programs
Coordinator	Alumni Association (Reg No. MH/227/04/Buldana/ Dated 18/06/2004)
Coordinator	NIRF (SSSAC, Chikhli)
Program Coordinator	Star College Proposal to submitted to DBT-2022
Coordinator	Virtual Lab (Nodal Center-SSSAC)
Coordinator	Add-on course in Sericulture
Program Officer (Girls)	NSS

Educational Qualification

Sr. No	Degree	University	Year	Subjects	Percentage
1	Post-doc (Research Associate)	National Center for Cell Sciences (NCCS), Pune	2012	Indo-Germen Project “Novel Strategies to Combat Leishmaniasis” funded by ICMR in the lab of Dr. Bhaskar Saha (Scientist-G)	Year 2010-2012
2	PhD	Shri Shivaji College, Akot, Di: Akola (SGBAU, Amravati) Supervisor: Prof. (Dr.) Neha Bhatkar	Registered in year 2005	Topic- Immunological Reactions of Bee Venom and <i>in silico</i> prediction of Antigenic Determinants of Their Proteins	Degree awarded in year 2010
3	MSc	Amravati University, Amravati	2002	Zoology (Spl-Animal Physiology)	69.50%

Ph. D Guidance	02 Students (01-CSIR-JRF+ 01 MPET)		
Minor Research Project	01-(2015-17) UGC-WRO, Pune 4.5 Lakhs- Successfully Completed		
Research Papers Published	International Journals-24 with good impact factor		
Full length paper in conferences	Total-05	National- 03	International -02
Paper Presented in Conferences	Total-21	National-11	International-10
Chapters in book	02		
Workshops National/ State/ University level	12		
Invited Talk & Guest Lectures	17		
Newspaper Articles on Environment Conservation	Many-in reputed newspapers		
e-Content Development	Youtube videos-09		

RESEARCH PROFILE

Research Papers published in International journals

Sr. No	Title	Authors	Journal, Vol. No., Page No. Year	Impact Factor if any	ISSN/ISBN No.
1	Polyphasic Approach to Understand Bacterial Community Landscape in Soda Lake Environment	Vishal Dhundale, Vijayshree Hemke, Dhananjay Desai	<i>Applied Ecology and Environmental Sciences</i> , 2021, Vol. 9, No. 8, 724-734	UGC- Care listed Group-I	ISSN 2328-3912 2328-3920(O)
2	Evaluation of bioelectricity productivity using alkaliphilic <i>Bacillus akalogaya</i> BW2 (1) as a possible on exoelectrogens for improvement of microbial fuel cell performance	Vishal Dhundale, Vijayshree Hemke, Dhananjay Desai, P Khemchandani	<i>Journal of Applied Biology & Biotechnology</i> Vol 8 (01)2020, 69-75	Web of Science, Scopus indexing	ISSN 2455 -7005(P) 2347-212X(O)
3	The Consortia of fungi GPPV1 and GPPV2 as a Biocatalyst in Microbial Fuel Cell for the Production of Electric Current.	Vishal Dhundale, Vijayshree Hemke, Dhananjay Desai	<i>Environment and Ecology</i> 2019 Vol.37 No.3A 909-915	UGC Listed -19719 NASS Rating 5.25	ISSN 0970-0420
4	Production and optimization of biosurfactant from <i>Pseudomonas aeruginosa</i> SJS-5 and SJS-6	Vijayshree Hemke & Vishal R Dhudale	<i>Asian Journal of Microbiol. Biotech. Env. Science</i> 20 (1)2018, 310-315	UGC Listed 8789 NASS Rating 5.00	ISSN 0972-3005
5	Characterization and stability of extracellular alkaline proteases from halophilic & alkaliphilic bacteria isolated from saline habitat of Lonar soda lake India	Vijayshree Hemke and Vishal Dhundale	<i>International Journal of Pharmaceutical Sciences and Research</i> 9 (5),2018, 1974-1979	UGC CARE-23330 Impact Factor 1.81 Embase, Pubmed Scopus indexing, Web of Science	ISSN 2322-5148(P) 0975-8232(O)

6	Evaluation and exploration of lactic acid bacteria for preservation and extending the shelf life of fruits	Vishal Dhundale Vijayshree Hemke, D. Desai	<i>International Journal of Fruit Science</i> 2018(18) 01-14	UGC Care-22812 Publisher: Taylor & Francis	ISSN 1553-8362(P) 1553-8621(O)
7	Improvement and Stable High Bioelectricity Generation Using Alkaliphilic <i>Oceanobacillus iheyensis</i> BSI(2) in Microbial Fuel Cells and Effect of Different Anodic Operating Conditions	Vishal Dhundale, Vijayshree Hemke, Dhananjay Desai	<i>Ann Appl Microbiol Biotechnol J.</i> 2018, 2(1): 1010	--	ISSN 2576-5426
8	Production and Stability Studies of the Biosurfactant Isolated from Alkaliphilic Bacterium SJS1	Vishal Dhundale, Vijayshree Hemke, S. Salve, S. Gagre, J Budhwant T. Aglave, D. Desai	<i>Bio Science Research Bulletin</i> 34 (1)2018, 1-7	UGC Listed- 5151	ISSN 0970-889(P) 2320-161(O)
9	Improvement and Stable High Bioelectricity Generation Using Alkaliphilic <i>Oceanobacillus iheyensis</i> BS1(2)in Microbial Fuel Cells and Effect of Different Anodic Operating Conditions.	Vishal Dhundale, Vijayshree Hemke, Dhanajay Desai	<i>Annals of Applied Microbiology & Biotechnology Journal</i> Vol-2, Issue-1, 1-6	---	ISSN 2576-5426
10	Evaluation of Electricity generation by Microbial Fuel Cell from hypersaline Indian soda lake	Vishal Dhundale, Vijayshree Hemke & Akash Chaudhari	<i>Int. Journal of Pharma and Bio Sciences</i> 8 ((3): (B)) 2017, 363 – 369	UGC listed-13357 (SJIF): 7.446	ISSN 0975-6299

11	Effect of Organic Solvents on the Activity and Stability of an Extracellular Protease secreted by the haloalkaliphilic <i>Bacillus firmus</i> HS4	Vijayshree Hemke and Vishal Dhundale	<i>Int. Journal of Pure App. Biosci.</i> 5 (4): (2017),1980-1988	NAAS Score:4.74(2020)	ISSN(E) 2582-2845
12	Isolation and characterization lipase producing <i>Bacillus flexus</i> AW3 (2) cultural conditions, nutritional requirements and some properties of crude enzyme	Vijayshree Hemke & Vishal Dhundale	<i>European Journal of Biotechnol.Biosci</i> 5(2)2017, 41-46	(RJIF): 5.44	ISSN 2321-9122
13	Characterization of Protease From Alkali-tolerant <i>Bacillus</i> sp. DS2 Isolated From Lonar Soda Lake	Vijayshree Hemke & Vishal Dhundale	<i>International J. of Pharma and Bio Sciences</i> 8 (Issue 3(B), 2017, 465 -470	Scientific Journal Impact Factor (SJIF): 7.446 Embase	ISSN 0975-6299
14	Antibacterial activity of a bacteriocin-like inhibitory substance produced by <i>Bacillus</i> sp. From halophilic environment	Vishal Dhundale & Vijayshree Hemke	<i>International J. of Pharma and Bio Sciences</i> 8 ((3): (B)), 2017, 356 – 362	UCG Listed -13357 (SJIF): 7.446 Embase Web of Science	ISSN 0975-6299
15	Phylogenetic analysis of <i>Bacilli</i> from haloalkaline Lonar Soda Crater	Vishal Dhundale & Vijayshree Hemke	<i>Int. J. Pharm Bio Sci</i> 6 (4B), 2015, 279-290	Scientific Journal Impact Factor (SJIF): 7.446 Embase	ISSN 0975-6299
16	Comparative <i>In Silico</i> Study of Melittin From Honeybee Venom	Vijayshree Hemke & Neha Bhatkar	<i>Int. Journal of Advanced Biotech and Research(IJBR)</i> , Vol-6, Issue-1, 2015,1-6	ICV-69.46	ISSN 0976-2612(P) 2278–599X(O)

17	Haloalkaliphilic Bacillus flexus AW3(2): Potential for biotechnological applications.	Vishal Dhundale & Vijayshree Hemke V.R. More, R. D. Nagarkar	<i>Int. Journal of Pharma and Biosciences</i> 6(2): (B): 2015, 668-677	UGC Listed -13357 (SJIF): 7.446 Embase Web of Science	ISSN 0975-6299
18	Phentic diversity of alkaline protease producing bacteria from alkaliphilic environment.	Vijayshree Hemke, Joshi, Fule, Vishal Dhundale & Tambekar	<i>Indian Journal of Scientific Research</i> 10(1): 2015, 47-52	UGC Listed 15651	ISSN 2250-0138
19	Haloalkaliphilic flexus AW(2): Potential for biotechnological Applications	V.R. Dhundale, V. R. More, R. D. Nagarkar, V. M. Hemke	<i>Int Journal of Pharm Bio Sci6 (4B)</i> 2015, 279-290	Scientific Journal Impact Factor (SJIF): 7.446 Embase	ISSN 0975-6299
20	Isolation and characterization of a novel amylase from <i>Bacillus pseudofirmes</i> DW4(1)	V. Dhundale, R More, R Nagarkar, V. Hemke, D.Tambekar	<i>Indian Journal of Life Sciences</i> 4(1) 2014, 69-76	Impact Factor ISI:1.864 SJIF-6.838	ISSN 2277-1743(P) 2278-7879(O)
21	Partial Characterization and Optimization of Alkaline Amylase Production from <i>Bacillus lehensis</i> isolated from Akaline Saline Lonar Lake BW32	Vishal Dhundale, R. Nagarkar, Vijayshree Hemke	<i>Int. Journal of Advanced Biotechnology and Research(IJBR)</i> , Vol-5, Issue-4:2014, 731-742	--	ISSN 0976-2612(P), 2278– 599X(O)
22	Identification and characterization of a human IL-10 receptor antagonist	Mumtaz Naiyer, S. Saha, Vijayshree Hemke, Roy, Singh, Krishnasastry, Bhaskar Saha	<i>Human Immunology</i> Volume-74, Issue-1, January 2013, 28–3	Impact Factor 2.477	Elsevier Publications ISSN 0198-8859
23	Venom in a sting and <i>in silico</i> prediction of antigenic Determinants of venom of <i>Apis dorsata</i>	Vijayshree Hemke	<i>Journal of Cell and Tissue Research</i> Vol. 13(1),2013: 3479-3484	NASS Impact Factor 4.3	ISSN 0973- 0028

24	Hematological alterations in albino rats after administration of honeybee venom	Vijayshree Hemke And Neha Bhatkar	Journal of Cell and Tissue Research Vol.11(1): 2011 2579-2584	NASS Impact Factor 4.3	ISSN 0974- 0910
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Research Papers published in National/ International Conference

Sr. No.	Title	Authors	Journal, Vol. No., Page No., Year	Impact Factor, if any	ISSN/ ISBN No.
1	Present status and impact of insecticide on honey bees in India: a review	Vijayshree Hemke & Yogesh Giri	Int. J. of Research in Bioscience & Agricultural Technology Vol-1 Issue-3,2022 page 99-102		ISSN No. 2347-517X (O)
Organizer: VMS Research Foundation and RFRF on 19 & 20 June 2022					
2	National Education Policy-2020 and new norms for NAAC, UGC and AICTE	Vijayshree Hemke	<i>The Research Journal</i> Vol-7, Issue 1, 2021. page 83-85	PIF 4.126	ISSN 2454-7301(P) 2454-4930(O)
Organizer: Kamala Nehru College, Nagpur on 8 th Jan 2021 National Conference					
3	Role of ICT in Teaching and Learning of Zoology	Vijayshree Hemke	<i>Ajanta</i> Vol-VIII, Issue-I, Jan-Mar 2019. Page 34-41	SJIF 5.5	ISSN 2277-5730
Organizer: Bharti Jain Sanghatana's Arts, Science and Commerce, College, Wagholi, Pune on 22 & 23 Jan 2019 National Conference					
4	Production and Characterization of metalloenzyme protease from bacillus species.	Vijayshree Hemke and Vishal Dhundale	Int. Journal of Research in Biosciences, Agri & Technology-Issue(2) Vol(V)20 1763-666	UGC listed (till 2/07/2018) Journal No 2658 Title 43906	ISSN 2347-517X
Organizer: Shri Shivaji Science College, Nagpur on 12, 13 & 14 th July 2017. National Conference					

5	Effect of carbon and nitrogen source on the production of Halophilic Amylase from newly isolated <i>Bacillus cereus</i>	Vijayshree Hemke, Vishal Dhundale & Rachna Nagarkar	<i>Global Environment: Issues, Challenges and Solutions</i> Vol-I, 234-238	ISBN 978-93-83587-35-3
Organizer: BAMU, Aurangabad, Arts Senior College Aurangabad And Katha UK (Britain) On 29 th Feb 2016. International Conference				

Articles/Chapters published in Book

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN / ISBN No. & Publisher	Authors	Whether Main authors
1	Seed Dispersal by Birds: Its Matter for Environment Sustainability Page No. 134	Sustainable Development for Future: “ Insights from agriculture, Health. Aquaculture, Energy, Education and Environment	ISBN-13:979-8885218993 Notion Press Vol-I 09 th Dec 2021	Dr. V. M. Hemke	Yes
2	Water Conservation - Need of the time Page No. 523	Environment Conservation and Woman and Woman Dignity	ISBN 978-93-91689-18-6 Aruna Publication, Latur	Dr. V. M. Hemke	Yes

Google Scholar Profile

All
Citations **72**
h-index **5**
i10-index **2**

ResearchGate reads- **4352**

**Participated and presented paper/poster in
International/National Conferences**

Sr. No.	Period	Title of the Paper presented	Title of Conference / Seminar	Organized by	Level
1	09 Nov 2022	The Insect Pollinators Species on Safflower crop (<i>Carthamus tinctorius L.</i>) at Latur District of Maharashtra, India	Innovative Trends in Biological Research	D.P. Bhosale College, Koregaon D: Satara	National
2	19-20 June 2022	The Insect Pollinators Species on Sesame Crop (<i>Sesamum Indicum L.</i>) at Nanded District of Maharashtra, India.	Science And Technology for Society	VMS Foundation & RFRF Nagpur	International
3	29-31 March 2-21	Comparative <i>in silico</i> study of Phospholipase-A2 from venom of four major indian snake species	Emerging Trends in Science And Technology	Vedanta PG Girls' College, Sikar Rajasthan	International
4	18 Dec 2021	Participated	Emerging Trends in Life Sciences	Sant Ramdas ASC College, Ghansawangi.	National
5	30 May 2020	Poster- Advantages & disadvantages of online education	Health Hygiene and Higher Education (HHH-2020)	Rawool Maharaj, Mahavidyalaya, Kudal Dist: Sindhudurg. MS/Uni of Mumbai/UGC	International
6	13, 14 & 15 April 2020	Poster- Prevention is better than cure- Covid-19	Nanobio-20 II nd Twitter-Conference	New College & Botany Deptt. Shivaji University Kolhapur	International

7	15 & 16 May 2020	Notes on Nesting and Feeding behavior of <i>Prinia socialis</i>	Web conference on Science, Engineering & Technology-2020	Society for technologically Advanced materials of India,	International
8	17 & 18 Aug 2020	Energy is at the Center for sustainable development	Role of Science and Technology in Sustainable Development	D. Bindu ASC College, Bhokar Di: Nanded	International
9	22 Feb 2020	Nesting behavior of <i>Cinnyris asiaticus</i>	Recent Trends In Applied Zoology	Kisan veer Mahavidyalaya, Wai	National
10	23-24 Dec 2019	Comparison of Phospholipase-A2 from honeybee	Emerging Trans-Disciplinary Approaches in Bio-Sciences-2019	Deogiri College, Aurangabad	National
11	22 & 23 Feb 2019	Role of ICT in Teaching And Learning of Zoology	The Role of Technology in Sustainable Development	BJS ASC, College, Wagholi, Pune	International
12	15 & 16 Feb 2019	Avain Fauna in and around Chikhli Region Di: Buldana, MS	New frontiers in Environmental & Allied Sciences	Prof. Ramkrushna More ASC, Collge, Aakurdi, Pune	International
13	05 & 06 Jan 2018	Production and characterization of a novel biosurfactant produced from <i>Pseudomonas aeruginosa</i> SJS-5	Multidisciplinary Approaches in Life Sciences: Research and Applications for Sustainable Development	Yashwantrao Chavan Institute of Science, Satara	National
14	8, 9 & 10 Dec 2017	Evaluation of Electricity generation by Microbial Fuel Cell from hypersaline Indian soda lake	87 th Annual Session of the Academy(NASI)	Savitribai Phule Pune University, Pune	The National Academy of Sciences, India

15	20 & 21 Feb 2015	<i>In Silico</i> Study of Honeybee Venom Against Rheumatoid Arthritis	Dynamic Microbes: Role in Human Welfare	Modern College of Arts, Science & Commerce, Pune- 05	National
16	26 & 27 Feb 2015	Diversity of Alkaline Protease Producing Bacteria from Alkaliphilic Environment	Applications of Advance Technology for Enhancing Quality of Science Education	Modern College of Arts, Science & Commerce, Pune-05	International
17	22 To 24 Jan 2015	Diversity of honeybee venom	International Conference on Biodiversity	Arts, Commerce & Science College, Nandgaon, Nasik	International
18	19 & 20 Jan 2014	<i>in silico</i> Prediction of antigenic determinants of venom of <i>Apis dorsata</i>	Recent Advances in Environmental Sciences	Late Karmveer Dr. P R Ghogrey Science College, Dhule	National
19	6-7 Oct 2014	Isolation and characterization of lipase from <i>bacillus flexus</i> aw3 (2)	National conference on Recent Advances and applications of Taxonomy in life sciences	Yashwantrao Chavan Institute of Science, Satara	National
20	06 & 07 Dec 2013	Screening of antimicrobial potentials of haloalkaliphilic <i>Bacillus flexus</i> from Lonar lake	Animal biodiversity & Recent Trends in Zoological Research	G B Patel Science College, Shahada. Di: Nandurbar	National
21	08 & 09 Sep 2012.	Innovative Research Trends in Biological Science	Studies on physiological, pathological and limnological conditions of water collected from Yelgaon dam, Buldana	Shri Shivaji Science College, Akola.	National
22	27 & 28 July 2012	Recent Trends in Biosciences	Bacteriological analysis of some selected fishes found in Yelgaon dam MS	GS Science, Arts, & Commerce College, Khamgaon	National

Participated in Workshops (National/State/University level)

Sr. No	Period	Title of Seminar/Workshop	Organized by	Level
1	21 March 2022	Reforms of National Assessment and Accreditation Process	Shri Shivaji Ed. Society	National
2	20 May 2021	Bee Keeping: Golden Path of Career	Karmveer Hire ASC and Edu. College, Bhudargad, Kolhapur	National
3	22 nd May 2020	Role of IQAC in Assessment and Accreditation Process	SIP Arts, Science & Commerce College, Shahada Di: Nandurbar/ RUSA/ JD Jalgaon	National
4	7 th Sept 2018	Intellectual Property Rights	Government College of Arts & Science Aurangabad	State
5	11 th March 2019	Unnat Bharat Abhiyan	Model Degree College, Buldana	State
6	10 th August 2019	Career Opportunities in Green Education	Shankarlal Khandelwal ASC, College, Akola Divisional Forest Office, Akola	State
7	01 st June 2019	Art of Thesis Writing	Modern College of Arts, Science & Commerce, Pune	State
8	25 th July 2019	NAAC sponsored Revised NAAC Framework & E-Documentation	Shri Dnyaneshwar Burungale Science & Arts College, Shegaon	State
9	28 th Feb 2020	IPR	MSI, Arts & Science College, Pulgaon, YC ASC, Lakhandur, Bhandara	National
10	17 th July 2019	New AQAR Guidelines	Haribhai V. Desai ASC, College, Pune	State
11	08 th Feb 2020	Participation	२० वे विदर्भ पश्चिमित्र संमेलन लोणार	Vidarbha

12	24 th Feb 2014	Hands on Training in Plant Tissue Culture	Shri Shivaji College, Chikhli	University

Invited Lectures & Session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1	Co-chairperson	2021-22	Conference at Goa	Inter-national	19 th & 20 th June 2022	VMS Research Foundation & RFRF, Nagpur
2	Air Pollution in Industrial Area and Precautions	2021-22	Lecture delivered Offline/ Physical	Industry	7th June 2022	Harshal Industries, Bhosari, Pune
3	Wildlife Act 1972	2021-22	Lecture delivered Offline/ Physical	Regional	27 th March 2022	NSS Camp of SSSAC
4	Wildlife Conservation Strategy	2021-22	Panelist video conferencing	National	29 July 201	Rajshree Shahu Science College, Chandur Rly.
5	Nerve Conduction	2020-21	Lecture delivered via video conferencing	Regional	31 st May 2021	LB S Gawande College, Sakharherda
6	Water conservation: Need of the time	2020-21	Lecture delivered via video conferencing	National	5 th Dec 2020	Golden Jubilee Celebration of Kumarswami Mahavidyalaya, Ausa.
7	Wildlife Conservation with reference to Project Tiger of Govt. of India	2020-21	Lecture delivered via video conferencing	National	7 th Oct 2020	Wildlife Week celebration at Vyanktesh Mahavidyalaya, Deulgaon Raja

8	Avifaunal diversity of Maharashtra State	2019-20	Lecture delivered via video conferencing	National	6 th May 2020.	Annasahab Magar Mahavidyalya Hadapsar Pune.
9	Referee for state level poster competition	2019-20	Referee	State	12 th March 2020	Shri Shivaji Science And Arts College, Chikhli.
10	Environment conservation	2019-20	Invited Guest	Industry	07 th Nov. 2019	Thermax Ltd, Shivajinagar, Pune
11	Yes! We are Healthy!	2019-20	Invited Guest	College	29 th Aug 2019	Shri Shivaji Jr. College, Chikhli.
12	Rapporteur	2019-20	Invited Guest	State	10 th Aug 2019	SKASC, Akola, Divisional Forest Office, Akola
13	Physiology of Thyroid Hormones in Pregnancy	208-19	Invited Guest	Hospital	23 rd Nov 2018	Ruby Hall Clinic, Pune
14	How to study birds around and need of their conservation	2017-18	Invited Guest	College	28 th Feb 2018	National Science Day Shri Shivaji Junior College, Chikhli.
15	Resource person For workshop on IPR	2017-18	Resource person	Regional	10 th April 2018	Shri Shivaji Science And Arts College, Chikhli
16	Birds of Dnyanganaga Sanctuary	2017-18	Invited Guest	Regional	14 th Nov 2017	पक्षीसप्ताह (5 Nov to 12 Nov) Shri Shivaji High school Buldhana.
17	Jury for technical session in International Conference	2017-18	Invited Guest	International	12 th , 13 th & 14 th July 2017	Shri Shivaji Science College, Nagpur

Year wise Research Guidance

Sr. No.	Year	Name of student	Degree (MPhil/PhD)	No. of Students		
				Enrolled	Awarded	Submitted
1	2019-20	Ms. Diksha D Salve MSc-Zoo, MPET	PhD	Enrolled	-----	----
2	2020-21	Mr. Yogesh V Giri MSc- Biotech, MSc-Zoo and CSIR-JRF	PhD	Enrolled	-----	----

Research Projects: Minor

Sr. No.	Title	Major/ Minor	Funding Agency	Period	Amount Sanctioned	Sanctioned Letter	Status
1	Optimization And Production of a Commercially Viable Alkaline Protease from Haloalkaliphiles	Minor	UGC WRO Pune	2015-17	4,50,000	File No. 47-927/14 (WRO)	Completed

Research Award:

Awarded with Eminent Researcher Award by Mindaura LLC, USA at an International Conference at Goa on 19 June 2022.



**Training Courses, Teaching-Learning-Evaluation Technology Program,
Faculty Development Programs (not less than one week duration)**

Sr. No.	Program	Duration	Organized By
1	Refresher Course in Life Sciences	10/11/2021 to 26/11/2021	Sant Gadge Baba Amravati University, Amravati
2.	NPTEL Online Certification Course on “Wildlife Ecology”	12 Weeks course (Aug-Oct 2021)	IIT, Kharagpur, MHRD, Government of India
3.	FDP on G Suite and allied tools in Education, Teaching & e-Content Development	29/06/20 to 04/07/2020	Deptt. of Comp. Sci. SGBAU, Amravati Online mode
4	Workshop on “Open Source Tools for Research”	08/06/20 to 14/06/2020	Ramanujan College Delhi University, Delhi organized by MHRD, PMMMNMTT
5	FDP On Managing Online Classes And Co-Creating MoocS	18 /04/20 to 06 /05/2020	Ramanujan College Delhi University, Delhi organized by MHRD, PMMMNMTT
6	Workshop on “Comprehensive e-Learning to e-Training guide for Administrative Work”	25/05/20 to 05/06/2020	Ramanujan College Delhi University, Delhi organized by MHRD, PMMMNMTT
7	FDP on Basics of Organic Farming	17/05/20 to 23/05/2020	(Autonomous) Athalye-Sapre-Pitre College, Devrukh Online mode
8	FDP on e-Content Development- “Animation”	14/05/20 to 18/05/2020	Universal Teachers Academy, Puducherry Online mode
9	Global Initiative of Academic Network- GIAN	18/02/19 to 22/02/2019	Savitribai Phule Pune University, Pune
10	Refresher Course in Environment Science	22/11/18 to 12/12/18	Department of Environment Science SPPU, Pune
11	Orientation Program	07/11/16 to 03/12/2016	Sant Gadge Baba Amravati University, Amravati
12	Refresher Course in Life Sciences	07/01/2015 to 27/01/2015	Department of Zoology SPPU, Pune

Events Organized

Sr. No.	Events	Level	Date	Position
1	Five Lectures Series on the theme “Environment Education” in the Memory of Late Prof. G N Vankhede Sir Resource Persons 1 Dr. G A Wagh 2 Dr. Jayant Wadatkar 3 Dr. Manjusha Wath 4 Dr. Shrikant Warhekar 5 Shri Kiran More	State	12 Aug, 17 Aug, 27 Aug, 18 Sept, 21 Sept 2021	Organizing Secretary
2	Wildlife Week-2021 Invited Talk of Dr. Milind Shirbhate Asso. Prof. in Zoo, Akola & Shri Kishor Padol-RFO, Khamgaon	University	06 Oct 08 Oct 2021	Organizing Secretary
3	National Webinar on Life Sciences Resource Persons 1. Dr. Satish Kale Join Replacement Surgeon. Lokmanya Hospitals, Pune. 2. Dr. Raju Kasambe Assistant Director, BNHS. Mumbai	National	28 July 2020	Organizing Secretary
4	A workshop on ‘Cyber Crime and Securities’ Resource Person-Pravin Sonawane PSI and In-Charge of Cyber Cell, Police Station Chikhli.	University	16 Sept 2019	Organizing Secretary
5	Two days state level workshop on e-content development Resource Persons- Bhushan Kulkarni & Eknath Kore. KnowledgeBridge Foundation, Ahmednagar	State	03-04 Oct 2018	Organizing Secretary

Membership

- ✓ Life member of महाराष्ट्र पक्षीमित्र संघटना, Membership No. 995
- ✓ Life member of Indian Science Congress Association (ISCA), Membership No. L12946.
- ✓ Life member of Nagpur University Teachers' Association.

Additional Responsibilities held

- ✓ Worked as a In-Charge (Head) for Self-Finance Microbiology Department (BSc-Micro) from 09/11/2012 to 20/06/2018 at Jijamata Mahavidyalaya, Buldana
- ✓ Worked as In-Charge (Head) for Aided Botany Department (BSc-Bot) from 01/12/2017 to 20/06/2018 at Jijamata Mahavidyalaya, Buldana
- ✓ Worked as NSS Program Officer (Girls) at Jijamata Mahavidyalaya, Buldana.

e-Content development

Youtube Video links

Sr. No.	Name	link
1	Pituitary Gland	https://youtube.be/X8cT3cpD1UY
2	Evolution of Man	https://youtube.be/qkzw0IWzyV8
3	Hardy-Weinberg Equilibrium	https://youtu.be/IESOhx1WtwA
4	Protein Synthesis	https://youtu.be/oEjhlB-Qli8
5	Hormonal Disorders	https://youtu.be/yHWIKua6BiI
6	Life cycle of Ashy Prinia	https://youtu.be/X2KJJQvh16w
7	Bird diversity of Maharashtra	https://youtu.be/ciNsJyzqLUg
8	Gene Interaction	https://youtu.be/t4GzcktNECw
9	Mitosis	https://youtu.be/GJ3YdjDZLpw

Glimpses of Newspaper Articles

Regularly writing newspaper articles to raise awareness for the conservation of wildlife

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