

Research Publications

Dr. Vijayshree Milind Hemke

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	UCG 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	UCG 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	ISSN 2322-5148(P) 0975-8232(O)

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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

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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 <i>Bacillus flexus</i> 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	UCG Listed -13357 (SJIF): 7.446 Embase Web of Science	ISSN 0975-6299

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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	<i>Journal of Cell and Tissue Research</i> Vol.11(1): 2011 2579-2584	NASS Impact Factor 4.3	ISSN 0974- 0910

Research Publications

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	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					
2	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					
3	Production and Characterization of metalloenzyme protease from bacillus species.	Vijayshree Hemke and Vishal Dhundale	<i>Int. Journal of Research in Biosciences, Agri & Technology-Issue(2)</i> 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					
4	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					

Research Publications

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 09th 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	69
h-index	5
i10-index	2

ResearchGate reads- **4149**

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	2015-2017	INR 4,50,000	File No. 47- 927/14 (WRO)	Completed

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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	19 & 20 June 2022	The insect Pollinators Species on Sesame Crop (<i>Sesame Indicum L</i>) at Nanded District of Maharashtra, India	Science and Technology for Society	VMS Foundation Nagpur	International
2	29-31 March 2021	Comparitive <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
3	18 Dec 2021	Participated	Emerging Trends in Life Sciences	Sant Ramdas ASC College, Ghansawangi.	National
4	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
5	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
6	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
7	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

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8	22 Feb 2020	Nesting behavior of <i>Cinnyris asiaticus</i>	Recent Trends In Applied Zoology	Kisan veer Mahavidyalaya, Wai	National
9	23-24 Dec 2019	Comparison of Phospholipase-A2 from honeybee	Emerging Trans-Disciplinary Approaches in Bio-Sciences-2019	Deogiri College, Aurangabad	National
10	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
11	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
12	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
13	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
14	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
15	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

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16	22 To 24 Jan 2015	Diversity of honeybee venom	International Conference on Biodiversity	Arts, Commerce & Science College, Nandgaon, Nasik	International
17	19 & 20 Jan 2014	<i>in silico</i> Prediction of antigenic determinants of venom of <i>Apis</i> <i>dorsata</i>	Recent Advances in Environmental Sciences	Late Karmveer Dr. P R Ghogrey Science College, Dhule	National
18	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
19	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
20	08 & 09 Sep 2012	Innovative Research Trends in Biological Science	Studies on physiological, pathological and limnological conditions of water collected from Yelgaon dam, Buldhana.	Shri Shivaji Science College, Akola.	National
21	27 & 28 July 2012	Recent Trends in Biosciences	Bacteriological analysis of some selected fishes found in Yelgaon dam, Buldhana. MS	GS Science, Arts, & Commerce College, Khamgaon	National