

BIO-DATA



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Period of teaching experience:P.G. Classes - 14years (In DSCL-Microbiology)

Curriculum Activity :

- 1) Worked as a Chairman in Paper setting (Bioinstrumentation, Enzyme Technology, Microbial Physiology)
- 2) Complete UGC Paramarsh Online one week Faculty Development Program On NAAC Assessment and Accreditation “ organized by IQAC OF Shree Shivaji College Parabhani on 21-26th May 2020.

Academic Activity

Organizes various program Under Yuwati kalyan Mandal ,Science Association Ex- Health Check up camp , women empowerment program

- Worked as a :
- 1) Organizing committee member in “ ICMAA-2017” in Mathematic Department,
 - 2) Organizing Committee member in ‘National research conference OF Marathi Language in Department of Marathi 25 th -26th Feb.
 - 3)) Organizing Committee member in One Day Workshop On The Scope of Revised
(CBSC) Curriculum Of B.Sc 1yr Microbiology
 - 4) Life Time Member of Microbiologists Society, India
 - 5) Membership of International Journal of Microbial Research ISSN-0975-5276
EISSN-0975-9174 Bioinfo Publications

Educational Qualification :-

Sr. No.	Degree	Board/University	Year of passing	Percentage
1	SSC	Aurangabad	Mar -1998	71.20%
2	HSC	Aurangabad	Mar -2000	63.83%
3	B.Sc.	S.R.T.M.U. Nanded	Mar -2003	60.00%
4	B.Ed.	Jalgaon	April-2005	64.58%
5	M.Sc.	Nanded	Mar -2006	55.00%
6	MS-CIT	MKCL	Jan-2007	60.00%

International/ National conference Attended

- 1) National conference on “Frontiers in plant diseases: Diagnosis and Management” organized by Botany Research Center Nilanga, on 3rd& 4th Jan.2010
- 2) Participation in two days National Conference on “ Challenges To Biodiversity Conservation” Organized by Department of Zoology & Fishery Science ,Dayanand Science College Latur On 5th& 6th Feb. 2011.
- 3) International Conference on “Biotechnology for better tomorrow” Organized by Dr. Babasaheb Ambedkar university, sub center osmanabad, on 6 to 9 Feb .2011

- 4) Participation in National conference on “Recent Trends and Future Prospects In Life Science” organized by ‘Dept.of Botany, Mahatma Gandhi Mahavidyalaya, Ahemedpur on 27 -28 th Dec.2012.
- 5) Participation in National conference on “Recent Trends and Future Prospects in Biological Sciences” Organized by UGC and SRTM University, Nanded, on 18-19th Jan. 2013.
- 6)UGC sponsored National Conference On “Plant Pathology “ {NCPP -2014}organized by Rajarshi Shahu Mahavidalaya ,Latur n 2-3 rd March 2014 By Dept. of Botany.
- 7) Poster Persentation in 2days International Conference on Recent Advances in Food Herbal And Nanotechnology” Organised by Dept.of Biotechnology , COCSIT College Latur On 12th and 13th January ,2018
- 8) Two Days National Conference On “Use Of plants and Microbes for Green Biotechnology” Organized by The Dept. of Biotechnology On 26 -27th November 2016 In COCSIT Campus ,Latur.
- 9)Actively Participated in Scientific deliberations in National Level Symposium “Practices in Sustainable Agriculture ,Aquaculture and Animal Husbandry (PISAAA-2017) “.Organized by Rajashri Shahu Mahavidyalaya (Autonomous) ,Latur on 20th and 21th March 2017.
- 10) Successfully participating in SPARC sponsored International Workshop on “Neurobiology of Pain & Itch,” June 29 t0 July 03, 2021, organized by the Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology (Banaras Hindu University),
- 11) Attain “One Day International Webinar on Current Perspectives of Microbial Diseases 2020” Organised by Internak Quality Assurance Cell (IQAC) and Department of Microbiology ,Yashwantrao Chavan college of Science ,Karad on 5th June 2020**
- 12)Participation in the National Level Webinar on “Digital Transformation In Education Institutes e classrooms &Learning Management System”Organized by Smt. Sushiladevi Deshmukh Senior College ,Latur on 30th july 2020**
- 13) Actively Attain International Webinar on “ Research And Writing a Masters Dissertation” Organised by PG Department of Chemistry And Microbiology,Seth Kesarimal Porwal College Of Arts and Science and Commerce , Kamptee ,Nagpur ,Maharashtra India held on 25th May 2020.**

Seminar Attended:

- 1) Attain state level seminar on “Recent Advances In Fermentation Technology (RAFT) “Organized by Department of Microbiology, Dayanand Science College, Latur On 13th March 2009.

2) UGC sponsored State Level Seminar On “Biotechnological Application to Microbial Siderophores.” Organized by Dept.of Microbiology, Dayanand Science College, Latur. On 21th March 2010.

3) Attain SRTMUN Sponsored National Seminar on” Sustainable Development of the Environment “Organized by Department of Microbiology ,Shivneri Mahavidyalaya ,Shirur Anatpal ,On 27th February,2016

4)Participation in UGC Sponsored National Seminar on “Role of Life Forms in Controlling pollution” Organized by Department of Botany ,Dayanand Science college ,Latur On August 8-9 ,2014.

5) Attain One Day Seminar on ‘Energy Management “Sponsored By Petroleum Conservation Research Association , Ministry of Petroleum and Natural Gas ,Government of India in Dyanand Science College On 11.04.2018

Training Program Attended:

- 1) Completed training program in “Advanced Biotechnology” organized by Rajiv Gandhi Institute of IT and BT, Bharati Vidhyapeeth, Pune from 21 to 28 November, 2010.
- 2) Actively Participated in Online National Sage Summer School on “Recent Advances on Microbial inoculants for improvement of Agricultural Sustainability From 26th May-1june 2020 Organised by Sage School Of Agricultural ,Sage University ,Bhopal

Workshop Attended:

- 1) Attened The workshop on” Molecular Biology “ Organised by Himedia Laboratory Pvt. Ltd.
- 2) “Current trends In Bioinformatics and Computational Intelligence “22 Jan.2010, organized by school of Technology, S.R.T.M.U.Sub centre Latur.
- 3) Attain UGC –CPE Sponsored One Day Workshop on ‘Energy Awareness and Management ‘Organized by Dept. of Botany in collaboration withPetroleum Conservation Research Association, Ministry of Petroleum and Natural Gas, Government of India in Dayanand Science College ,Latur On 09.08.2019.
- 4) Attain UGC –CPE Sponsored One Day Workshop on “Intellectual Property Rights : Indian Scenario” Organised by Department of Botany ,Dayanand Science College ,Latur on 16 th December 2019.
- 5) Attain one Day workshop on ‘Digital saksarata ‘ organized by Rajashri Shau Autonomus college collaboration with Maharashtra State women commission, Mumbai on 17 th Dec2019

6) Three Days National Level Training cum Workshop on “Proteomics ,Genomics and Bioinformatics” Sponsored by UGC-CPE and Organized by Department of Microbiology and Biotechnology ,Dayanand Science college,Latur on 24-26th Feb 2020.

Published Papers International Journals :-

1)“Production of Glucoamylase by *Rhizopus spp.* In Liquid Medium. In International conference on “Biotechnology for Better Tomorrow 2011.” Feb.6-9 organized by Dr. Babasaheb Ambedkar University, sub centre, Osmanabad, in Aurangabad.

2)“Tannase (Tannin acyl hydrolase) from *A.niger* under solid state fermentation.” In International conference on “Recent Trends and challenges in sciences and technology (RTCST-2014)” 20th -22nd August, 2014. Organized by Pravara Rural Education Society’s, Padmashri Vikhe Patil college of Arts, Sciences, and commerce Pravaranagar.

Published Papers National Journals :-

1} “Study on Bio control Potential of Rhizospheric *Bacillus spp.* Against Plant Pathogen *Fusarium oxysporum* and *Ceratocystis Paradoxa* “ In National conference on “Frontiers in plant diseases : Diagnosis and Management “ on 3rd& 4th Jan. 2010 organized by Dept.of Botany , Nilanga.

2)“Screening and Characterization of Salt Tolerant Nitrogen Fixing Microorganism from Food (Pickles). In National conference on “Recent Trends and Future Prospects in Life Science” 27th& 28th Dec.2012.

3)“Isolation of siderophore Producing Salt Tolerant Nitrogen Fixing Microorganism from Food”. In National Conference on “Recent Trends and Future Prospects in Biological Sciences”. On 18th and 19th Jan. 2013, organised by Dept.of Botany, Maharashtra Udayagiri Mahavidyalaya, and Udgir.

5)“Antimicrobial activity of various medicinal plants extracts of Latur Zone against the different pathogens “In National Conference on “Recent Trends and Future Prospects in Biological Sciences”. On 18th and 19th Jan. 2013, organized by Dept.of Botany, Maharashtra Udayagiri Mahavidyalaya, and Udgir.

6) Ecological degradation of poultry feather by *Pseudomonas spp*” In UGC Sponsored National Seminar on “Role of Life Forms in Controlling Pollution “ August 8-9 ,2014. Organised by Dept.of botany ,Dayanand Science college ,Latur ISBN 978-93-83389-79-7 P.N. 194-198.

7)“Activity of raw and processed honey against Bacteria” In UGC Sponsored National Seminar on “Role of Life Forms in Controlling Pollution “August 8-9, 2014. Organised by Dept.of botany, Dayanand Science college, Latur. ISBN 978-93-83389-79-7 P.N. 189-193

8) “Microbial Analysis of Soil From Municipal Solid Waste For Waste Degradation “ In UGC Sponsored National Seminar On “Recent Trends and Future Prospects in Multidisciplinary Approaches in

Microbiology (RTFPM)" October 4-5,2014,Organised by Dept.of Microbiology ,Rajaram College ,Kolhapur.

9)"The Suitability of Natural Tannins From Wheat Bran And Spent Tea For Producing Industrially Imp. Gallic Acid Through Bacterial Fermentation" In UGC Sponsored National Seminar On "Recent Trends and Future Prospects in Multidisciplinary Approaches in Microbiology (RTFPM)" October 4-5, 2014, Organised by Dept.of Microbiology, RajaramCollege, Kolhapur.

10)"Activity of Liquid Hand Washes Against Hand Micro flora" In UGC Sponsored National Seminar On "Recent Trends and Future Prospects in Multidisciplinary Approaches in Microbiology (RTFPM)" October 4-5, 2014, Organized by Dept.of Microbiology, Rajaram College, Kolhapur.

11)" Isolation and Production of Tannase from *A niger*" In SRTMUN Sponsored National Seminar on" Sustainable Development of the Environment "Organized by Department of Microbiology ,Shivneri Mahavidyalaya ,Shirur Anatpal ,On 27th February,2016, ISBN 978-93-83411-53-5

12)"Screening of IAA Producers from Leguminous plant soil and its effect on plant growth" in National level Symposium "Practices in sustainable Agriculyure ,Aquqculture and Animal Husbandry (PISAA-2017)" Organized by Rajarshi Shahu Mahavidyalaya (Auton0m0us), Latur.On 20-21th March -2017.

Projects Guided For post graduate students:

Sr.No	Name Of Projects	Name Of Student	Year
01	Biodegradation Of Poultry Feather From Keratin	Jadhav R.B.	2008-09
02	Production Of Glucoamylase By <i>RhizopusSpp</i> .in liquid culture	Lonkhande G.D.	2008-09
03	Production Of Bacteriocin From <i>L.acidophilus</i>	Tonpe P.C.	2009-10
04	Screening of Urease Production by <i>A.niger</i>	Hole	2009-10
05	Antibacterial activity of Raw and Processed Honey	Ban N.R.	2010-11
06	Isolation and characterization of salt tolerant nitrogen fixing micro-organism from food	Mahakare	2010-11
07	Production of Mersacidin antibiotic from <i>Bacillus spp</i>	Kiran Chavan	2010-11
08	Sparsomysin Antibiotic produced by <i>stretomyces spp.</i>	R.B.Patil	2010-11
09	Production and characterization of tannase (Tannin acyl hydrolase)From <i>A.niger</i>	Sharma S.G.	2011-12
10	Antibacterial activity of Bitter Guard And Biosynthesis of Nanoparticles.	Kandhare A.A.	2012-13
11	Screening, Production And	Phad K.R.	2012-13

	Characterization of L.Asparaginase from soil isolates of <i>Actinomyces</i> .		
12	Production,Purification,&characterization of extracellular Lipase from <i>A.niger</i> using wheat bran as a solid state media	Shastri S.A.	2013-14
13	Comparative evaluation of Metha piperita (peppermint) with standard antibiotic against selected bacterial pathogen	Mundhe	2013-14
14			
14	Screening of Gelatinase Producing bacteria and its production and extraction	Miss .Patel Zufa	2014-15
15	The Suitability of Natural Tannis From Wheat Bran and Spent tea for producing industrially imp. Gallic acid through bacteria.	Miss. Ghawati Reshama	2014-15
16	Microbial Analysis of Soil From Municipal Solid Waste For Waste Degradation	Mrs.Sonkamble K.Y.	2014-15
17	Production, purification, and characterization of gelatinase from <i>Pseudomonas spp.</i>	Miss. Pruthvi Kulkarni	2015-16
18	Isolation and Characterization of Bacteriocin from Lactic acid bacteria	Miss.Bokephode Pornima	2015-16
19	Isolation, Production, purification, and characterization of urease from sugarcane soil sample	Miss . Dixit Shweta	2015-16
20	Microbial study on Agricultural field of Hasegaon	Miss. Billapatte Mayuri	2016-17
21	Screening of IAA Producers from Leguminous plant soil and its effect on plant growth.	Mrs.Ajay Lanke	2016-17
22	To study the Antimicrobial activity of Aamla Against pathogenic microorganisms.	Mrs. GhawadeKhanderao	2016-17
23	Screening and Isolation of pectinase producing microorganisms from soil	Mrs.RameshwerB.Khatgave	2017-18
24	Isolation, identification, and characterization of heavy metal resistant bacteria from petroleum soil	Mrs.SyedShoeb N.	2017-18
25	Antimicrobial activity of green tea against Dental caries causing microorganisms	Miss.SonawaneAshvini	2017-18
26	Isolation,Identification, and characterization of pigment producing bacteria from soil and Antimicrobial Activity of bacterial pigments	Miss. Mane Swati	2017-18
27	Antimicrobial Activity of peppermint extract	Miss. KalepatilMohini	2017-18
28	Isolation,of lactic acid bacteria and	Miss. NikamPranjali	2017-18

	production of probiotic from cabbage		
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