

DEPARTMENT OF MICROBIOLOGY

1. Year of Establishment : 1990
2. Names of Programmes / Courses offered : i. B.Sc. ii.M.Phil.
iii. Ph.D.
3. Pattern : Semester
4. Faculty Profile :

Name	Qualification	Designation	Specialization	Experience	Ph.D.Students guidedforthe last4years
Mrs. R.S. Chavan	M.Sc.	Head & Asso. Professor	Microbiology	26	-
Dr. G.V. Mali	M.Sc. Ph.D.	Assistant Professor	Microbiology	24	04 (2completed, 2 Ongoing)
Mr.S. S. Shinde	M.Sc.	Assistant Professor	Microbiology	24	-

5. List of visiting faculty : 5 - On clock hour basis

Sr. No.	Name	Qualification	Designation	Specialization	Experience in Years
1	Ms. S.S.Nakate	M.Sc.	Assistant Professor	Microbiology	5
2	Ms. S.A.Mohite	M.Sc.	Assistant Professor	Microbiology	5
3	Mr.A.S.Pawar	M.Sc.	Assistant Professor	Microbiology	5
4	Ms.G.A.Waydande	M.Sc.	Assistant Professor	Microbiology	5
5	Ms.P.V.Mane	M.Sc.	Assistant Professor	Microbiology	5

6. Research Projects Completed

: Minor Research Projects

Sr. No	Faculty	Title of the Project	Funded by	Period	Amount Utilized
1	Mrs. R.S. Chavan	Comparative study of antimicrobial activity of orth-hydroxy naphthoquinone derivatives and their Mg (II) and Ca (II) chelates	UGC	2011 - 2014	95,000/-
	Dr.G.V.Mali	Studies on phytohormones and antifungal metabolites producing <i>Azotobacter chroococcum</i> strains from groundnut (<i>Arachis hypogea</i> L.) rhizospheres	UGC	2010- 2013	1,40,000 /-

7. Publications :

Sr. No.	Name of the faculty	Title of the Paper	Name of the Journal	Volume No. and Year	Level of the Journal / ISSN No. / IF / ICV	Indexed by / Citations
1	Dr. G.V. Mali	Biodegradation of tallowamine ethoxylate by <i>Pseudomonas desmolyticum</i> NCIM 2112	International Research Journal of Biological Sciences	Vol. 1 No.4, 56-60, August 2012.	International ISSN 2278-3202	GS-6
2	Dr. G.V. Mali	Biodegradation of Chlorpyrifos by <i>Pseudomonas desmolyticum</i> NCIM 2112	International Journal of Pharma and Bio Sciences	Vol. 4 No.2 (B): 609 – 616 April 2013	International ISSN :0975-6299 , IF : 5.121 ICV : 4.63	GS-15 Scopus SNIP - 0.643 SJR - 0.329 IPP- 0.411
3	Dr. G.V. Mali	Biodegradation of diesel oil by newly isolated bacterial culture	Indo-Bhutan International Seminar on 'Advances in Environmental Sciences' at Royal University of Bhutan'	2013, 72-78	International ISBN 978-93-5030-155-5	
4	Dr. G.V. Mali	Biodegradation of sulfonated aromatic amine by <i>Pseudomonas desmolyticum</i> NCIM 2112	Journal of Chemical and Pharmaceutical Research	Vol. 5, No.4 : 335-339, 2013	International ISSN : 0975-7384 , IF 0.75	GS-05 SJR - 0.32 IPP- 0.75
5	Dr. G.V. Mali	Optimization of soil parameters for Benzyl Benzoate degradation by <i>Pseudomonas desmolyticum</i> NCIM 2112	Research Journal of Agriculture and Forestry Sciences	Vol. 1, No.5: 1-9, June 2013	International ISSN: 2320-6063	
6	Dr. G.V. Mali	Study on antibacterial activity of honey samples collected from medicinal plant sources	Asian Journal of Microbiology, Biotechnology & Environmental Sciences	Vol. 15, No. 4 : 755-758 , 2013	International ISSN 0972-3005 IPP-0.045	GS-0 SNIP- 0.092 SJR - 0.106 Scopus h-index 11
7	Dr. G.V. Mali	Biodegradation of benzyl benzoate by <i>Pseudomonas desmolyticum</i> NCIM 2112	World Journal of Microbiology and Biotechnology,	Vol. 30, No. 3: 827-833, 2014	International ISSN 0959-3993 IF : 1.779 IPP-1.87	GS-01 , WS, scopus SNIP- 0.998 SJR - 0.55 h-index - 53

8	Dr. G.V. Mali	Biodegradation of Quinolphos insecticide by <i>Pseudomonas</i> strain isolated from Grape rhizosphere soils	Int. Journal of Current Microbiology and Applied Sciences	Vol. 3 No. 1 , : 606-613, 2014	International ISSN: 2319-7706	GS-02 IF 1.594
9	Dr. G.V. Mali	Soil microorganisms and climate change	National conference on 'Global Warming'	2014,30-31	National ISBN 978-93-5156-228-3	
10	Dr. G.V. Mali	Biodegradation of the Organophosphorus insecticide Dichlorvas by <i>Bacillus</i> species isolated from Grape wine yard Soils from Sangli District, M.S., India	International Research Journal of Environmental Science	Vol. 3, No. 5 : 1-4, May ,2014	International ISSN 2319-1414	GS-00
11	Dr. G.V. Mali	Microbial Biotechnology	Inspire Vidnyanbharati	August, 2014 : 79 - 82	National	
12	Dr. G.V. Mali	Risk and Management of Infectious Diseases in Natural Calamities	National Conference on Natural Calamities and Its Management in India	December, 2014 : 81 - 86	National	
13	Dr. G.V. Mali	Biodegradation of n-cyclohexyl benzothiazole-2-sulfenamide by <i>Pseudomonas desmolyticum</i> NCIM 2112	Journal of Microbiology and Biotechnology Research	Vol. 5, No. 1 : 28-33 , 2015	International ISSN : 2231 – 3168 SJIF - 3.55	GS, ICV, EBSCO
14	Dr. G.V. Mali	Isolation, characterization & tolerance study of Quinolphos resistant bacteria from grape wine yard soils	Bionanofrontier -Journal of Science and Technology	Vol. 8 , No. 3 : 34-39 , April 2015	International ISSN : 0974 – 0678 SJIF- 3.251	
15	Dr. G.V. Mali Mr.A.S. Pawar	Screening of Cypermethrin, Deltamethrin and Bifenthrin pesticide resistant bacteria from Contaminated Soil.	Biodiversity, Climate Change & Sustainable development	2015, 253-257	National 978-93-5235-969-1	
16	Dr. G.V. Mali	Bioremedial potential of indigenous bacteria isolated from pesticide contaminated soil	World Journal of Pharmaceutical Research	Vol. 5 No. 9, 2016: 1551-1564.	International ISSN 2277–7105,	GS SJIF - 6.805
17	Dr. G.V. Mali Mr.A.S. Pawar	Biodegradation of Deltamethrin by using Indigenous Bacteria Isolated from Contaminated Soil	International Journal of Current Microbiology and Applied Sciences	Vol. 5, No.5, 2016: 258-265	International ISSN: 2319-7706	GS-00 IF 1.594

18	Dr. G.V. Mali Mr.A.S. Pawar	Biodegradation of bifenthrin pesticide by indigenous bacteria from Pesticide contaminated soil	International Journal of Pharma and Bio Sciences	Vol. 7, No. 3 (B) 2016: 474 – 479	International ISSN 0975-6299IF - 5.121, ICV- 4.63	SNIP - 0.643 SJR - 0.329 IPP- 0.411 Scopus
19	Dr. G.V. Mali Mr.A.S. Pawar	Biodegradation of bifenthrin by indigenous bacteria isolated from pesticide contaminated agricultural soil	World Journal of Pharmaceutical Research	Vol. 5, No. 10, 609-619.	ISSN 2277–7105 SJIF - 6.805	GS

8. Areas of Consultancy: Paramedical Services –Blood Group & Hb determination

9. Academic Membership :

Sr. No.	Faculty	
1	Dr.G.V. Mali	1.Life Member of Association of Microbiologists of India 2.Life Member of Microbiologists Society of India
2	Mr.S.S.Shinde	1.Life Member of Association of Microbiologists of India

7. Editorial Boards:

Sr. No.	Faculty	Name of the Journal / Book
1	Dr.G.V. Mali	1. Frontiers in Environmental Microbiology 2. Microbiology for B.Sc.II (Phadake Prakashan, Kolhapur)