



N.D.M.V.P. Samaj's  
S. V. K.T. Arts, Commerce and Science College, Deolali Camp  
Tal. Nashik, Dist. Nashik.

**INDIVIDUAL STAFF PROFILE**



<b>I General Information</b>					
1.	Name	:	<b>Manisha Shantilal Girase</b>		
2.	Gender	:	Female		
3.	Designation	:	Professor		
4.	Date of Birth	:	17/11/1971		
5.	Address (Residential)	:	701, Rushirajelite Appt., Behind Guruji Hospital, Kale Nagar, Gangapur road, Nashik		
	Phone	:	9373905718		
	e-mail	:	girase.manisha@mvpsvkt.ac.in		
6.	Academic Qualification	:	M. Sc., M. Phil, Ph.D.		
	(I) Master's Degree	:	M. Sc. Microbiology		
	(ii) Research Degree	:	M. Phil., Ph.D.		
	(iii) Any other degree/diploma/certificate	:			
	(iv) NET / SLET	:	GATE, SET		
7.	Area of Specialization	:	Environmental Microbiology		
<b>II Teaching Experience</b>					
		:	Year	Month	
	(I) UG	:	31	00	
	(ii) PG	:	1	00	
	(iii) M.Phil	:	--	--	

A. Seminars/Conferences/ Workshops- Attended/Participated		Up to Academic Year 2024-25
(I)	At the State/Regional Level	22
(ii)	At the National Level	5
(iii)	At the International Level	4
<b>Note:</b>	<b>Details are given in Annexure-I</b>	

B. Seminars/Conferences/ Workshops- Presented Papers		Up to Academic Year 2024-25	
(I)	At the State Level	02	
(ii)	At the National Level	11	
(iii)	At the International Level	22	
<b>Note:</b>	<b>Details are given in Annexure-II</b>		
C. Seminars/Conferences/ Workshops- Acted as Resource Person		Up to Academic Year 2024-25	
(I)	At the State Level	--	
(ii)	At the National Level	--	
(iii)	At the International Level	01	
<b>Note:</b>	<b>Details are given in Annexure-III</b>		
		Published	Accepted for Publication
(I)	Books	-	-
(ii)	Contribution to edited Volume of Books	01	-
(iii)	Journals (national Level)	-	-
(iv)	Journals (International Level)	20	-
<b>Note:</b>	<b>Details are given in Annexure V and VI</b>		

**Annexure-I**

**Seminars/Conferences/ Workshops- Attended/Participated**

Sr. No.	Title of Workshop / Seminars	Place	Period		Duration (Days)
			From	To	
1	National Workshop for HEI and HIS NAAC accreditation process	Online	20-06-22	22-06-22	2
2	One day workshop on Work Skills and prosocial behavioral development	MVP HRDC Nashik	21-04-23	21-04-23	1
3	Three Days Online Workshop on "T. Y. B. Sc. Microbiology Syllabus Detailing	Shardabai Pawar Mahila Arts, Commerce and Science College, Baramati	04-06-21	06-06-21	3
4	One Day Online Workshop on "S. Y. B. Sc. Microbiology and Ind. Microbiology Syllabus Detailing	Shardabai Pawar Mahila Arts, Commerce and Science College, Baramati	20-06-21	20-06-21	1
5	National Webinar on "Intellectual Property Rights (IPR's)	KSKW Arts, Science & Commerce College, CIDCO, Nashik	02-02-21	02-02-21	1
6	Two Days Online International Science Webinar entitled "Science for Human Welfare and Development	KSKW Arts, Science & Commerce College, CIDCO, Nashik	09-03-21	10-03-21	2
7	One day National seminar on Innovative and best practices in HE	Modern College, Ganeshkhind, Pune	26-07-19	26-07-19	1
8	One day workshop on Implementation of new CBCS FYBSC Syllabus	Garware college, Pune	20-07-19	20-07-19	1
9	State level seminar on Frontier in Microbiology	RYK College, Nashik	20-10-18	21-10-18	2
10	B Voc workshop	CT Bora College, Shirur	21-01-19	21-01-19	1
11	State level conf on Advanced recent techniques in life science	Kskw Arts, Science & Commerce College, Nashik	20-01-16	21-01-16	2
12	National Seminar on Impact of nonconventional energy on human life	GD Sawant College, Nashik	28-08-11	30-08-11	3
13	International Workshop on Phyytochemical analysis of therapeutically active constituents of pharmaceutically imp. Medicinal plants	Dept. of Botany Pune University	13-01-12	13-01-12	1
14	International Conference on Current Trends in Medicinal plants	Dept. of Botany Pune University	10-01-12	12-01-12	3

15	National Seminar on Impact of nonconventional energy on human life	G.D. Sawant A.C.S.& B.C.S. College, Nashik	28-08-11	30-08-11	3
16	International Conference on Biodiversity & its Conservation	Modern College,Pune.	28-1-11	30-1-11	3
17	State Level Seminar on effect of Pollution on Biodiversity	KSKW Arts, Science & Commerce College,CIDCO, Nashik	21-1-2011	22-1-2011	2
18	Workshop on Biotechnology and Biodiversity	A.S.C.College, CIDCO,Nasik	13-02-07	13-02-07	1
19	Conference on "Science Technology and Society	I.I.P.A. Nasik Branch	04-11-05	04-11-05	1
20	Workshop on Environmental Awareness	A.S.C.College, CIDCO,Nasik	05-03-05	05-03-05	1
21	Seminar on Recent Trends in Biotechnology	A.S.C.College, CIDCO,Nasik	08-10-03	08-10-03	1
22	Seminar on Renewable Energy perspectives of coming decade	A.S.C.College, CIDCO,Nasik	07-10-03	07-10-03	1
23	Workshop on S.Y.B.Sc.Botany practicals	A.S.C.College, CIDCO,Nasik	06-09-03	06-09-03	1
24	Computer Fundamentals & office automation	A.S.C.College, CIDCO,Nasik	15-07-03	25-07-03	10
25	Seminar on Environmental Pollution	A.S.C.College, CIDCO,Nasik	30-01-03	31-01-03	2
26	Workshop on NET/SET Preparation	North Maharashtra University	19-01-02	20-01-02	2
27	Workshop on use of Computer in Chemistry	A.S.C.College, CIDCO,Nasik	30-08-01	31-08-01	2
28	Office Automation Course	A.S.C.College, CIDCO,Nasik	10-06-00	10-07-00	30
29	Workshop on T.Y.B.Sc. Microbiology Syllabus	H.P.T.R.Y.K. Sci. College, Nasik.	09-04-99	10-04-99	2
30	Orientation in Office Automation	Author Computers	15-01-98	03-02-98	15
31	Basic & advanced Immunology	Dept. of Microbiology Univ of pune	20-01-93	22-01-93	3

**Annexure-II**  
Seminars/Conferences/ Workshops- Presented Papers

Sr. No.	Name of the author	From To	Title of the paper	Name of Workshop / Seminars	Oral/ Poster	Organized by, Place
1.	Dr. M. S. Girase	08/02/24 to 09/02/24	Removal of Amido black 10B using chitosan synthesized from microbially recovered chitin	Int. E. conf. on integrated sciences	Oral	Shri. Yashwantrao Patil Science College, Solankur
2.	Dr. M. S. Girase	28-03-22 to 29-03-22	Bacterial Pigment as an untapped Resource in dyeing Industry	Int. conf. on Innovations in Biotechnology Research for Sustainable Development	Oral	Sanjivani Arts, Commerce & Science College, Kopargaon
3.	Dr. M. S. Girase	07-04-22 to 09-04-22	Characterization of bioactive chitin recovered from shrimp shells by using microbes	Int. conf. on Advances in bioactive molecules-2022	Oral	SRTM University, Amaravati
4.	Dr. M. S. Girase	25-02-22 to 26-02-22	Adsorptive removal of lead from water by chitosan synthesized from biologically recovered chitin	Int. conf. on Contributions of Biological sciences for sustainable Environment2022	Oral	Wilson College , Mumbai
5.	Dr. M. S. Girase	12-07-21 to 13-07-21	Chitinase production by antibiotic sensitive <i>Cellulosimicrobium cellulans</i> isolated from mushroom compost	Int. conf. on Current Res. in Applied & Fundamental Sciences 2021	Oral	Sandip University, Nashik
6.	Dr. M. S. Girase	5-08-2020 to 10-08-2020	Comparative study of biologically recovered & chemically synthesized chitin	Int. Virtual Congress-7th	Oral	Int. Sci. Congress Association
7.	Dr. M. S. Girase	26-07-20	Adverse effect & Opportunities due to COVID-19 on Education	Int. E-Conf. on Virtual Learning-Need in pandemic	Oral	Shri. Kumarswami Mahavidyalay, AUSA, Latur

Sr. No.	Name of the author	From To	Title of the paper	Name of Workshop / Seminars	Oral/ Poster	Organized by, Place
8.	Dr. M. S. Girase	28-12-18 to 29-12-18	Ultrasonic treatment assisted demineralization of shrimp shells using lactic acid bacteria for biological recovery of chitin	National Conference on Computer applications and use of recent techniques in science	oral	K. S. K. W. ASC College, CIDCO, Nashik
9.	Dr. M. S. Girase	9-02-18 to 10-02-18	Poultry feed supplement grade protein recovery from shrimp processing industrywaste by ecofriendly deproteination method using <i>Sphingomonas paucimobilis</i> culture	International Symposium on teaching, research & innovative approaches in life science	Oral	SN Arts, DJM Commerce BNS Science College, Sangamner
10.	Dr. M. S. Girase	2-02-18 to 3-02-18	Application of protease producing bacterial culture for deproteination of shrimp shells as an alternative to chemical deproteination by NaOH	National Conference on Prospective & problems of biological process in crops, animal & human life	Oral	KTHM College, Nashik
11.	Dr. M. S. Girase	28/11/2017	Isolation, identification of Chitosan and chito-oligosaccharides producing organisms and to study their potential in management of chitinous waste generated from marine sources in Thane District west coast of Maharashtra.	Regional Research conference- Innovation-2017	Oral	RYK College, Nashik

Sr. No.	Name of the author	From To	Title of the paper	Name of Workshop / Seminars	Oral/ Poster	Organized by, Place
12.	Dr. M. S. Girase	2-02-17 to 4-02-17	In vitro study on biocontrol potential of <i>Trichoderma harzianum</i> mutants on fungal pathogen challenged moth bean ( <i>Vigna aconitifolia</i> ) plant.	International Conference on challenges in organic, bioorganic & medicinal Chemistry	Oral	K.S.K.W.A. S.C.College , CIDCO, Nashik
13.	Dr. M. S. Girase	20-01-17 to 21-01-17	Germination inhibition of soil born plant pathogenic fungi by UV induced mutants of <i>Trichoderma harzianum</i>	National seminar on Emerging trends in Chemical Sciences	Poster	P. V. P. College, Loni
14.	Dr. M. S. Girase	5-01-17 to 6-01-17	Antimicrobial activity of leaves of <i>Parthenium hysterophorus</i>	National Conf. on Conservation of Environment for human sustenance	Poster	S. V. K. T. College, Deolali Camp, Nashik
15.	Dr. M. S. Girase	28-09-16 to 30-09-16	Eco-friendly method for recovery of chitin using bacterial deproteinization and demineralization from shrimp processing industry waste	11 <sup>th</sup> Asia Pacific Chitin and Chitosan Symposium & 5 <sup>th</sup> Indian Chitin and Chitosan Society Symposium	Poster	IMA House Cochin, Kerala, India.
16.	Dr. M. S. Girase	10-02-16 to 10-02-16	Enhanced biological control of stem rot pathogen – <i>ScL. rolfsii</i> using <i>T. harzianum</i> for sustainable agriculture.	International Conference	Poster	SN Arts, DJM Commerce BNS Science College, Sangamner
17.	Dr. M. S. Girase	9-02-16 to 10-02-16	Induction of mutation in <i>T. harzianum</i> using Ultra-violet light for isolation of mutants deficient in pigment production and study of this mutation on bio-control activity.	International Conference	Poster	Annasaheb Magar College, Hadapsar, Pune

Sr. No.	Name of the author	From To	Title of the paper	Name of Workshop / Seminars	Oral/ Poster	Organized by, Place
18.	Dr. M. S. Girase	29-01-16 to 30-01-16	Biological control of soil-borne plant pathogen <i>Rhizoctonia solani</i> using <i>Tricho. harzianum</i> for production of pesticide free vegetables.	International Conference	Poster	KTHM College, Nashik
19.	Dr. M. S. Girase	10-10-15 to 11-10-15	Study of effect of Kumbhamela on Godawari River Water Quality	National	Oral	Adv. Vitthalrao Hande College of Education, Nashik
20.	Dr. M. S. Girase	26-02-15 to 27-02-15	Use of Virtual laboratory for enhancing quality of scientific education	International Conference	Poster	Modern College, Pune.
21.	Dr. M. S. Girase	22-01-15 to 24-01-15	Control of Leaf Blight Pathogen of Grapes by Phyto-Chemicals for Prevention of Loss of Biodiversity	International Conference	Oral	Nandgaon College, Nandgaon
22.	Dr. M. S. Girase	16-12-14 to 17-12-14	Study of germination inhibition of plant pathogenic fungi by <i>Trichoderma harzianum</i> mutants.	National Conference	Oral	K.S.K.W.A. S.C.College , CIDCO, Nasik
23.	Dr. M. S. Girase	12-01-15 to 13-01-15	Control of hospital acquired infections of <i>Pseudomonas aeruginosa</i> by herbal preparation.	National Conference	Oral	K. V. N. Naik College, Nashik
24.	Dr. M. S. Girase	26-09-14 to 27-09-14	Checking potential of Chromate resistant mutants of <i>Trichoderma harzianum</i> in controlling growth of plant pathogenic fungi as an alternative to chemical pesticides.	National Conference	Oral	Sangamner College, Sangamner



Sr. No.	Name of the author	From To	Title of the paper	Name of Workshop / Seminars	Oral/ Poster	Organized by, Place
25.	Dr. M. S. Girase	5-06-14 to 10-06-14	Isolation and characterization of auxotrophic mutants of <i>Trichoderma harzianum</i> having improved bio-control activity	Ist International Virtual Congress	Oral	International Science Congress Association
26.	Dr. M. S. Girase	19-12-13 to 21-12-13	Study of plant derived biopesticides on emergence of Seed borne fungi	International Conference on Biosciences with special reference to Environmental Issues (ICBEI-2013)	Oral	Dept. of Zoology, Shivaji University, Kolhapur
27.	Dr. M. S. Girase	26-10-13 to 27-10-13	Reflective Teaching – a tool for professional development of teacher	National Conference on Reflective Education	Oral	Adv. Vitthalrao Hande College of Education, Nashik
28.	Dr. M. S. Girase	16-04-13 to 17-04-13	Activity of weed extract against pathogens of important crops of Nashik region. (grapes & onion)	Innovation 2013 Regional research conference	Oral	Ahmednagar College, Ahmednagar
29.	Dr. M. S. Girase	8-12-12 to 9-12-12	Antimicrobial activities of Indian weed <i>Tridax procumbens</i> – An in vitro study.	2 <sup>nd</sup> International Science Congress	Oral	International Science Congress Association
30.	Dr. M. S. Girase	30-05-12 to 1-06-12	Inhibition of plant pathogens by solvent extracts of <i>Lantana camara</i> leaves as a safe alternative to chemical pesticide.	3 <sup>rd</sup> International Conference on Environmental Research & Technology(ICERT 2012)	Oral	Park Royal, Penang, Malaysia
31.	Dr. M. S. Girase	16-03-12 to 17-03-12	Activity of organic solvent extracts of common Indian weed <i>Achyranthes aspera</i> against important crops of Nashik.	Innovation 2012 Regional research conference	Poster	S.P.H.M. Mahavidyalaya, Malegaon

Sr. No.	Name of the author	From To	Title of the paper	Name of Workshop / Seminars	Oral/ Poster	Organized by, Place
32.	Dr. M. S. Girase	28-1-11 to 30-1-11	Organic solvent extracts of common Indian weed <i>Achyranthes aspera</i> shows antibacterial and antifungal activity against plant pathogens.	International Conference on Biodiversity & its Conservation	Poster	Modern College, Pune.
33.	Dr. M. S. Girase	21-1-11 to 22-1-11	Inhibition of plant pathogens by phytochemicals as a safe alternative to chemical pesticide.	State Level Seminar on effect of Pollution on Biodiversity	Poster	K.S.K.W.A. S.C. College, CIDCO, Nasik

**Research Paper Publications (20)**

- 1) Girase M. S. Presence of pesticide residue in fruits and vegetables and their effect on human health: A review., *J Food Nutr Health 2022 Volume 5 Issue 6:127*, ISSN (P) 2330-7285, ISSN (O)2330-7293, 6 pages.
- 2) Girase M. S., Study of biogenic fabrication of Zinc oxide nanoparticles and their applications: A review, *Inorganic Chemistry Communications 146 (2022) 110155*, Available online 1 November 2022, pg. 1-9.
- 3) Girase M. S., Scavenging activity of *Coriandrum sativum* on bioaccumulation of Mercuric chloride (HgCl<sub>2</sub>) in fresh water bivalve *Lamellidens consobrinus* BIOINFOLET - A Quarterly Journal of Life Sciences, Year : 2022, Volume : 19, Issue : 3 page : ( 266-267) Print ISSN : 0973-1431. Online ISSN: 0976-4755.
- 4) Girase M. S., Studies on removal of lead from water bodies using chitosan synthesized from biologically recovered chitin. *Shodhsamhita-vol-9, issue II, July 2022 ISSN 2277-7067, PP108-119*.
- 5) Girase M. S., Effect of different herbal oil and formulations on mosquito (Order: Diptera), *International Journal of Entomology Research www.entomologyjournals.com ISSN: 2455-4758 Published: 06-07-2022 Volume 7, Issue 7, 2022, Page No. 15-18*.
- 6) Girase M S, Characterization of bioactive chitin recovered from shrimp shells, *BIOINFOLET - A Quarterly Journal of Life Sciences, Year : 2022, Volume : 19, Issue : 2 page : ( 110-114)* Print ISSN : 0973-1431. Online ISSN : 0976-4755.
- 7) Girase M. S., September 2021. Optimization of Chitinase Synthesis or Chito-oligosaccharide production using antibiotic sensitive *Cellulosimicrobium cellulans* isolated from mushroom compost. *International Journal of Botany Studies. ISSN:2455-541X*.
- 8) Girase M. S., October 2021. Treatment of starch containing agro-industrial waste by amylase producing thermophilic *Bacillus subtilis* in a microbial fuel cell, *Bioscience Discovery, October 2021 12(4) :130-137. ISSN: 2229-3469 (Print), ISSN:2231-024X (Online)*.
- 9) Girase M. S. 2021. Chitinase Mediated Synthesis of Chito-oligosaccharide from Biologically Synthesized Chitin. *Bioscience Discovery, July 2021, 12(3):130-137. ISSN:2229-3469 (Print),ISSN:2231-024X (Online)*.
- 10) Girase M. S., Time course study of demineralization process of shrimp shells using *Lactobacillus paracasei* strain FC-2 for chitin recovery, *IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.8, Issue 3, Page No pp.333-341, July 2021*.
- 11) Girase M. S. Ultrasonic treatment assisted demineralization of shrimp shells using lactic acid bacteria for biological recovery of chitin. *International Journal of Research and Analytical reviews. (IJRAR), Vol.-VI, Issue-I, pp 13-24. January-2019*.
- 12) Girase M. S., Application of protease producing bacterial culture for deproteination of

shrimp shells as an alternative to chemical deproteination by NaOH, international journal of creative research thoughts (IJCRT), ISSN:2320-2882, Volume.6, Issue 2, Page No pp.577-587, April 2018.

13) Girase M. S. , Characterization of extracellular protease from *Vibrio metschnikovii* strain XMB 057, Scholarly Research Journal for Interdisciplinary Studies, Online ISSN 2278-8808, SJIF 2016 = 6.17, www.srjis.com UGC Approved Sr. No.45269, Sept-Oct. 2017, Vol.- 4/36.

14) Girase M. S., In vitro study on biocontrol potential of *T. harzianum* mutants on fungal pathogen challenged moth bean (*Vigna aconitifolia* L.) plant, Scholarly research Journal for Interdisciplinary studies. Special issue-21, pp 145-150, Jan- Mar 2017, ISSN-2319-4766.

15) Girase M. S., Study of effect of Kumbhamela on Godawari River Water Quality, Global Online Electronic International Interdisciplinary Research Journal (GOEIJRJ),{Bi-Monthly} Volume - IV Special Issue - III, pp 438-441, October 2015,ISSN : 2278 – 5639.

16) Girase M. S. Control of Leaf Blight Pathogen of Grapes by Phyto-Chemicals for Prevention of Loss of Biodiversity, Journal of Basic Sciences, July 2015,2, pp 42-46, E-ISSN 2454-1931.

17) Girase M. S., Control of hospital acquired infections of *Pseudomonas aeruginosa* by herbal preparation, International Journal of Pharmaceutical Research & Development, Vol.- 6(12), January 2015, pp 73-76, ISSN 0974-9446.

18) Girase M. S., Improvement in Teaching of Science subjects at UG and PG level using ICT. An International multidisciplinary half yearly research journal Genius, Volume –III, Issue –I Aug- Jan 2014-15, pp 25-28, ISSN 2279-0489.

19) Girase M. S., Reflective Teaching – A Tool For Professional Development Of Teacher, Global Online Electronic International Interdisciplinary Research Journal (GOEIJRJ),{Bi-Monthly} Volume - II Special Issue - I on Reflective Education,152-155, October 2013,ISSN : 2278 – 5639.

20) Girase M. S., Antimicrobial potential of *Lantana camara* against phytopathogens, Journal of Industrial Research & Technology 2(2), 67-71, 1 August 2012, ISSN 2229-9467.