

Profile of the Faculty



1. General Information:

Name of the Faculty	:	Ghadage Sushilkumar Shivaji
Name of the Department	:	Biotechnology
Educational Qualifications	:	M.Sc. Microbiology CSIR NET,SET,GATE
Present Position	:	Assistant Professor
Address for Correspondence	:	Plot No.-01, Sector-11, Khanda Colony, New Panvel (W), Dist.-Raigad, Maharashtra, India, Pincode-410206.
E-mail	:	sushil777123@gmail.com
Specialization	:	Microbiology
Total teaching experience	:	UG: 11 Year; PG: 10 Year
Courses taught	:	Basic Microbiology, Immunology, Biochemistry, Bioprocess Technology, Agri Biotechnology, Pharmacology, Medical Microbiology, Molecular Diagnostic, Environment Science.
Research experience	:	Guided 08 Avishkar and 01 M.Sc. Desertion Projects Completed 01 Minor Project funded by University of Mumbai Completed 01 Project under RUSA 01 Seed Money project funded by Institution - ongoing

2. Publication of Research Papers:

Peer reviewed journals	:	02
Non-peer reviewed journals	:	02
Book Chapters	:	01

3. List of Publication of Research Papers:

- Sushilkumar S. Ghadage, (2021). Isolation, Purification And Characterization Of Antibacterial Peptide From Soil In Panvel Region, ERJ-Vol VIII, Issue VI Dec 2021,140-146
- S.S. Kokitkar*, L.R. Chavan, R.D. Nanekar and S.S. Ghadage Management of local fish waste by turning it into a valuable compost and observing its effect on the growth of Vigna radiata. Ecology Env. & Conservation. ISSN 0971-765X: 2024; pp. (S141-S146).
- S. S. Ghadage, A. D.Kumthekar,"Awareness about solid waste disposal amongst the population of Domestic Sector in Panvel Region" Anugoonj, Issue No.:06, 2017 pp 53-57 ISSN No.2348-9731.
- S. S Ghadage, S.S Ghangale, R.D. Nanekar, S. P Dongare, A.D. Kumthekar (2020) ,"To Study the Awareness about Viral pandemics and prevention amongst Indian Population." Anugoonj ISSN:2348-9731(2019-2020) Pg. No. 20-24.

List of book chapter:

- V. S. Kamble,S.S. Kamble, S. L. Khairnar, D. K. Patil, S. S. Ghadage, N.K. Desai, R. N. Patil, J. M. Pawara," Synthesis and Characterization of Metal Oxide Nanoparticles : Approaches and Techniques" Futuristic Trends in Chemical,Material Sciences and Nano Technology IIP Series, Volume 3 e-ISBN: 978-93-5747-960-8 IIP Series, Volume 3, Book 7, Part 8, Chapter 4

4. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Isolation, Purification and Characterization of Antibacterial Peptide from Soil in Panvel region.	27 th March 2019	1 year	30000/-	University of Mumbai
Management of local fish waste by turning it into a valuable organic fertilizer: An eco-friendly Approach (as CO-PI)	10th October, 2020	1 Year	1,00,000/- Date of report submission 13/01/2023	Rashtriya Uchchater Shiksha Abhiyan

Minor Research Project Ongoing:-

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Isolation Of IAA producing bacteria and Its Effect on Plant growth	19 th Oct 2022	1 year	27000/-	Institution (C K T College New Panvel)

Patent Filled

Sr. No.	Title of the Patent	Name of the Teacher	Date of Filing	Patent Number
01	Oral suspension Composition of Prunella Cretensis For Antimicrobial Infections	Mr. Sushilkumar Ghadage (*with Microbiology Department)	06-03-2023	202321015055

5. Membership: Member of Association of Teachers in Biological Sciences (ATBS)

6. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Name of the Course & Place	Duration	Sponsoring Agency
Orientation Course	Online Induction Training /Orientation Programme For faculty in colleges (Ramanujan College Delhi)	4 th June to 1 st July 2020	MHRD
Short Term Course	Completed one week online FDP on ICT Tools for Effective Teaching Learning.	11th to 16 th May 2020.	SRTMUN Nanded University
Refresher Course	Ramanujan College University of Delhi. (Online)	05 th Aug 2021 to 19 th Aug 2021 (15 days)	PMMMNTT, Ministry of Human Resource Development, Ramanujan College, University of Delhi
Online Course on Human Molecular Genetics	NPTEL (Online)	January to March 2020 (4 week)	NPTEL funded by Ministry of HRD, Gov. of India
One Week Faculty Development Programme	One Week Faculty Development Programme on "e-Content and MOOCS Creation: Hands on Training" Changu Kana Thakur A.C.S. College	18th to 23rd September 2022 (6 Days)	Central Library in Association with IQAC under the aegis of "RUSA"

7. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended	Chaired session	Resource person
International	01	01	--	--
National	01	08	--	--
State	--	01	--	--
University	--	02	--	--

8. Experience on the various committees at the college

- Member of Gymkhana committee (2019-2024),
- Chairman of the Garden Committee. (2019-2024),
- Member of Placement committee (2019-2024),
- Member of Admission committee (2019-2024),
- Member of Incubation and Innovation cell (2022-2024),
- Member of RUSA cell (2022-2024),
- Member of Pradnya Parisar cell (2022-2023),
- Member of Star college committee (2021-2022)

9. Experience on the NAAC/ IQAC of the college

Worked as a member of Criteria IV.(2017-2024)

10. Experience on the Various Committees at the University of Mumbai / Government

- Worked as a Examiner of Paper II and Paper IV M.Sc. II Biotechnology theory, University of Mumbai.(2017-2019)
- Worked as a practical examiner for students of Pillai College of Arts, Commerce & Science, New Panvel (2017-2023) as well as Mahatma Phule Arts Science and Commerce College Panvel.
- Worked as Paper setter and Examiner of Theory Paper IV of TYBSc, MSc I and Paper VI of MSc II.Forensic Biology, IFSc Mumbai
- Involved in the syllabus setting of F.Y.BSc Forensic Biology and M Sc I Biotechnology University of Mumbai.

11. Awards/recognitions received :

Level	Title	Year	Awarding agency
National	Qualified CSIR NET with Rank 28	2013	CSIR
National	Qualified GATE 2013 with 97% AIR 410	2013	IIT Bombay
State	Qualified SET Feb 2013	2013	UGC