

Name: - Ms. Swati Ganesh Swami

Personal Details:

Designation	Assistant Professor
Qualification(s)	M.Sc. Biotechnology, B. Ed, PET (SPPU)
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Educational Details:

Sr. No.	Name of Course (UG/PG/Other)	Name of Institute/University	Year
1.	Ph.D.	Savitribai Phule Pune University, Pune	Pursuing
2.	B. Ed	B. S. P. M. B. Ed College, Ambajogai	2022
3.	M.Sc.	S. R. T. M. University, Nanded	2017
4.	B.Sc.	S. R. T. M. University, Nanded	2015

Member Of College Committees

Sr. No.	Name of Committee	Role
1.	Member of Board of Studies of Biotechnology.	Member
3	Website Committee	Member
5	Admission Committee	Member
6	Mentor-Mentee	Member
7	Cultural Association	Member
8	CC-Yoga Committee	Member

No. of Students under Research Guide ship – NO

UG Students: 54

PG Students: 20

Experience Details:

Sr. No.	Particulars	Durations
1.	Assistant Professor at Dept. of Biotechnology, Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	From 27/06/2019 till date

Skills:

- **Hands over on Biophysical Techniques: Biochemistry and Enzymology:** Electrophoresis (Agarose, Native PAGE, SDS-PAGE) Chromatography (Ion, exchange, Gel permeation, HPTLC) Ultra centrifugation, Spectroscopy, Electron Microscopy, FACS.
- **Molecular Biology and Immunology:** Polymerase Chain Reaction, Plasmid preparation, Transformation, Conjugation, Phage titration, Enzyme immobilization, Blotting (Southern, Western and Northern).
- **Computer Skills:** MS Office, Internet Browsing, Page Maker.
- **Language:** Marathi, Hindi, English and Spanish (Certificate Course)
- **Microbial culture Techniques:** Strain isolation, identification and characterization), Fermentation tech, antibiotic assay (MIC) plaque assay

Research Publications:

Sr. NO.	Research Paper
1.	Shinde S. S*1, Narwade K. B2., Kharat V. V3., Swami S. G4. , Raut S. D5, “Ethnoveterinary Medicinal Plants for Treatment of Animal Ailments by Traditional Healers in Nanded District (MS), India”, African Journal of Biological Sciences, Volume 6, Issue 9, 2024, ISSN: 2663-2187, pg.: 5542 – 5557. DOI: https://doi.org/10.48047/AFJBS.6.9.2024.5542-5557
2.	Datta Ashok Nalle, Swati Ganesh Swami , “Preservation of ancestral DNA of salmon and other aquatic species with the aid of biotechnology” Recent Trends in Applied Zoology, Prabhakar Publication, ISBN: 978-93-92464-55-3, Chapter 19, pg.: 123-126.
3.	Swati Ganesh Swami, “Effective Medication for Varicella and Herpes Zoster Infection”, Recent Trends in Applied Zoology, Prabhakar Publication, ISBN: 978-93-92464-55-3, Chapter 28, pg.: 175-179.
4.	Swami Swati Ganesh , Mahesh Jadhav, Abhijit Patil and kalyani dhule (2019) “ Analysis of Physico-Chemical Properties of Soil from Latur City ” Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, page no.- 3285-3290, ISSN: 2349-5162.
5.	Shinde Sachin Sarjerao, Swami Swati Ganesh , Raut Shrimant D (2020) “ Studies on antioxidant, hemolytic and antimicrobial activities of three medicinal plants ” BIOINFOLET - A Quarterly Journal of Life Sciences IISN 0973-1431. Online ISSN: 0976-

	4755, 2020, Volume: 17, Issue: 4a.
6.	Kalyani Dhule, Vishakha, Swati Swami and Chaitali Chavan. “ Antimicrobial Activity of Spices in Organic Solvents Against Pathogenic Bacteria ” In International Journal of Research in Engineering, Technology and Science. Volume: XIII Issue: VIII Sept. 2020
7.	Swati Swami and Kalyani Dhule “ Review on Degradation of Cellulosic Waste: The Step Toward Progressive Research ” In International Journal of Research in Engineering, Technology and Science. Volume: XIII Issue: VIII Sept. 2020
8.	Jadhav MP, Swami SG , “ Extraction, Purification of Tyrosinase and Tyrosinase Inhibitory Activity of Four Medicinal Plants from Nanded District (MS), India ”, Science Progress and Research (SPR), 2021, Volume 1, issue, 4, Page No.: 320 – 324. DOI: https://doi.org/10.52152/spr/2021.149 . (ISSN: 2635-0955)
9.	Bhargavi Deshpande, Aditi Kuber, Dinesh Rathod, Prof. Suraj Kadam, Prof. Swati Swami, “Comparative screening on phytochemical analysis of Azadiracta Indica (Neem) And Citrus Limon (Lemon)” International Research Journal of Modernization in Engineering Technology and Science, Volume:03/Issue:11/November-2021 Impact Factor- 6.752, Page no. -1355 to 1358, www.irjmets.com (e-ISSN: 2582-5208).

Participation as a Guest Lecture/Resource person/Paper presenter/Invited talk

Sr. No.	Name of Topic	Name of Invited Institute	Role
1.	Review on Degradation of Cellulosic Waste: The Step Toward Progressive Research	ICRTES-2020, Organized by, Jagadambha College of Engineering and Technology, Yavatmal Maharashtra.	Paper presenter
2	Phytochemical Studies of some selected medicinal plant.	ICIRTLS-2020, Organized by Shri Shivaji College of Arts, Commerce and Science, Akola, Amravati.	Paper presenter
3	Efficacious Medical Intervention for Herpes Zoster and Varicella infections.	National Seminar on “Extremophiles for Biotechnological and Commercial Applications” organized by School of Life Sciences, S. R. T. M. U. Nanded.	Paper presenter
4	Evaluation of Herbal Therapeutic Potential of Acacia leucophloea Plant Through Phytochemical and Antimicrobial Studies”	Innovations and Applications in Life Sciences: Vector-Borne Diseases and Antimicrobial Resistance" (IALS-2026) organized by School of Life Sciences, S. R. T. M. U. Nanded in collaboration with CSIR-NCL, Pune.	Paper presenter

Other Accomplishments/ Awards: -

Secured I prize for poster presentation on “Herbal Formulation Against Herpes Zoster Virus.” In Maharashtra State Inter-University Research Convention Avishkar 2016 held at Swami Ramanand Teerth Marathwada University, Nanded.
Secured I prize for poster presentation on “Herbal Formulation Against Herpes Zoster Virus.” Organized by School of Life Sciences, S. R. T. M. University Nanded in 2016.
Secured “Man of the Match” in Latur Women’s Premier League 2021 (Cricket competition). Organized by R. S. M. Latur.
Secured I prize “Dnyanteerth- 2017” held at 2017 in S. R. T. M. U. Nanded.
Secured II Prize for Cricket in “Dnyanteerth- 2016” held at 2016 in S. R. T. M. U. Nanded”

II] FDP/ Short Term Course Attended:

Sr. no.	FDP / STC (Dates)	Organizing Institute/University
1	Cell and Molecular Biology training programme	DBT- NER Biotechnology/ Bioinformation training Centre, ACTREC, Mumbai
2	Scilab Training Programme	IIT Bombay
3	Bacterial Genomes: Disease Outbreaks and Antimicrobial Resistance	Future Learn, would leading universities and organizations.
4	Transforming Digital Learning	Future Learn, would leading universities and organizations
5	How To Teach Online: Providing Continuity For Students	Future Learn, would leading universities and organizations
6	Bacterial Genomes: Antimicrobial resistance in bacterial pathogens	Future Learn, would leading universities and organizations
7	FDP on Digital Teaching & Learning Environment.	Dep. Of B. Com and B. Com in association with (MUCTA), Mubai.
8	FDP on Processing the Writing	BVRIT, Hyderabad.
9	FDP on Challenges and opportunities before Indian Higher Education due to COVID-19.	GAD Teaching and Learning Centre, SGTB Khalsa College, University of Delhi.
10	Examinations in Wake of COVID- 19.	Department of Commerce - Patrician College, Chennai in Association with Digital Edu IT Solution.
11	ICT Tools in Higher Education	Arts, Commerce & Science College, Gangakhed, Dist. Parbhani.

12	One-week Pedagogical training for teachers on “Tools for online teaching learning and evaluation”	Organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.
13	One week online national Faculty Development Program on “E- Content and ICT Tools for Innovative and effective teaching”	Organized by KS Jain Institute of Engineering and Technology, Modinagar, Ghaziabad