

Name:-Miss Rohini Pratap Shinde

Personal Details:

Designation	Asst. Professor (Biotech.Division)
Qualification(s)	M.Sc. Chemistry ,B.Ed, SET, GATE, Pursuing Ph.D.
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Educational Details:

Sr. No	Name of Cour se (UG/PG/Othe r)	Name of Institute/University	Year
1	Ph.D	Swami Ramanand Marathwada University, Nanded	Pursuing
2	B.Ed.	Swami Ramanand Teerth Marathwada University Nanded	2024
3	M.Sc. Chemistry	Swami Ramanand Teerth Marathwada University Nanded	2022
4	B.Sc. (Chemistry, Botany, Zoology)	Swami Ramanand Teerth Marathwada University Nanded	2020

Experience Details:

Sr. No.	Particulars	Durations
1.	Assistant Professor at Dept. Of Chemistry Dayanand Science College ,Latur.	6 months
2.	Assistant Professor at Dept.of Biotechnology, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)	From 14/08/2023 to till date

Member of College Committees

Sr. No.	Name of Committee	Role
1	IQAC Committee	Member
2	Member of Board of Studies of Biotechnology	Member
3	Admission Committee	Member

Research Guidance:

No. of Students under Research Guide ship (PG and UG) – 45

Skills

- **Laboratory Skills:** Titration, Qualitative & Quantitative Analysis, Solution Preparation, pH Measurement, Filtration, Crystallization, Distillation.
- **Analytical Techniques:** UV-Visible Spectroscopy, IR Spectroscopy, chromatography, melting point and boiling point determination, HPLC, Rota-Evaporator
- **Chemical Handling:** Safe handling, storage, and disposal of chemicals; laboratory safety protocols
- **Instrumentation:** Basic knowledge of analytical and laboratory instruments and their operation
- **Data Analysis:** Experimental data collection, calculation, interpretation, and report preparation
- **Research Skills:** Literature review, experimental planning, observation, and documentation
- **Software Skills:** MS Word, MS Excel, PowerPoint; basic data analysis
- **Documentation:** Laboratory records, experiment reports, SOPs, and scientific documentation
- **Soft Skills:** Problem-solving, attention to detail, teamwork, time management, and communication
- **Safety & Compliance:** Knowledge of laboratory safety, PPE, chemical labeling, and good laboratory practices (GLP)

I] Details of Book Chapters Published by Faculty:

Sr. No.	Name of Author(s)	Title of Chapter / Article	Title of Book	Name of Publisher	ISBN/ISSN
1	Rohini Shinde, Karuna Komatwar	Smart Water and Waste Management Systems in Food Industries	Smart Solutions for Modern Food Processing Challenges	Prakash Publications	ISBN:978-93-6342-603-0
2	Dhanashri Janakwade, Rohini Shinde	Artificial Intelligence in Food Quality Assessment and Defect Detection	Smart Solutions for Modern Food Processing Challenges	Prakash Publications	ISBN:978-93-6342-603-0
3	Rohini Shinde	Molecular Recognition of Anions with Fabricated Supramolecule	Smart Solutions for Modern Food Processing Challenges	Prakash Publications	ISBN:978-93-6342-603-0

II] FDP/Short Term Course Attended

Name of the Teacher	FDP / STC (Dates)	Organizing Institute/University
Miss. Rohini Shinde	Three Days Hands-on training Programme on Basic and Applied Microbiological Techniques.	Organized by Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) (2020)
Miss. Rohini Shinde	Participated in a One Day Workshop on Bee-Keeping training Programme.	Organized by Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) (2020)
Miss. Rohini Shinde	State level Workshop on Research Report Writing.	Organized by Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) (2020)
Miss. Rohini Shinde	Participated in Quiz Competition Mimamsa.	Organized by IISER Pune (2020)
Miss. Rohini Shinde	Two Days National level Hands on Training on Sophisticated Analytical Instruments HPLC, UV, IR.	Organized by Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) (2022)
Miss. Rohini Shinde	FDP on “NEP-2020: Orientation & Sensitization” under the Malaviya Mission – Teacher Training Programme (MM-TTP) of the University Grants Commission (UGC), MoE, Government of India, (10-18 December 2025), with	UGC-MMTTC, JNV University, Jodhpur, Rajasthan

	A+ grade, earning 2 credits.	
Miss. Rohini Shinde	One Day Conference on National Education Policy (26 th Feb. 2026)	Maharashtra State Faculty Development Academy
Miss. Rohini Shinde	Completed 60-minutes Certificate Course on AI Master Class Organized by Maharashtra Knowledge Corporation Limited (MKCL) on the occasion of its 25th Anniversary Celebration	MKCL
Miss. Rohini Shinde	Organizer at the International Conference on Advances in Life Sciences for Sustainable Development (ICALSSD-2026), PM-USHA Sponsored, held on 13-14 March 2026.	Department of Botany, Biotechnology and Microbiology, Rajarshi Shahu Mahavidyalaya, Latur
Miss. Rohini Shinde	Presented Research Paper on "Nanotechnology in Food Preservation: Applications, Challenges and Educational Perspective" at the PM-USHA Sponsored One-Day National Seminar on "Smart Solution for Modern Food Processing Challenges" (NSSMFPC-2025), (30 December 2025)	Department of Zoology & Fishery Science and Biotechnology, Rajarshi Shahu Mahavidyalaya, Latur.
Miss. Rohini Shinde	Ten days program on "Research methodology course-2025 (RMC-2025) (24 Nov to 4 Dec 2025)	Dept. of Marathi, Rajarshi Shahu Mahavidyalaya, Latur

Miss. Rohini Shinde	UGC-FDP on IKS Pathways to Viksit Bharat-2047 under the Malaviya Mission Teacher Training Programme (MMTTP) of the University Grants Commission (UGC) held on 25 June –1 July 2026.	Jain University, Jodhpur, Rajasthan
Miss. Rohini Shinde	International Webinar on “Integrated Human Growth” held on 8 June 2026.	Veer Maheshwar Charitable Trust, Latur, Maharashtra, India
Miss. Rohini Shinde	International Webinar on “Understanding Gen Alpha: Parenting, Teaching, and Connecting with the New Generation” held on 4 June 2026.	Veer Maheshwar Charitable Trust, Latur, Maharashtra, India
Miss. Rohini Shinde	An Overview of Writing Research Paper held on 8 March 2026.	Veer Maheshwar Charitable Trust, Latur, MS, India
Miss. Rohini Shinde	Reprogram Your Subconscious Mind held on 20 February 2026.	Veer Maheshwar Charitable Trust, Latur, MS, India
Miss. Rohini Shinde	Understanding Data, Network and Digital Security held on 19 February 2026.	Veer Maheshwar Charitable Trust, Latur, MS, India
Miss. Rohini Shinde	Academic Writing and Research held on 13 February	Veer Maheshwar Charitable Trust, Latur, MS, India

	2026.	
Miss. Rohini Shinde	One Day International Webinar on “The Quantum Enigma: Unveiling Reality Secrets” held on 24 January 2026.	Mahatma Basweshwar Mahavidyalaya, Latur, MS, India in collaboration with IAPT
Miss. Rohini Shinde	National Conference on "Effective Implementation of Innovative and Best Practices in Higher Education" (12 March 2026)	Maharashtra State Faculty Development Academy