Faculty Profile of Mrs. Mayuri A. Shelar

1	**FullName**	:	Mayuri S. Gachake
2	**Designation**	:	AssistantProfessor
3	**Department**	:	ElectronicsandComputer
4	**EmailAddress**	:	mayurigachake@gmail.com
5	**ContactNo.**	:	9960696092
6	**Dateof Joining theInstitute**	:	2nd September 2025
7	**Statusason Dateof Joining**	:	Assistant Professor

8 EducationalInformation:

Sr. No.	Education	College	Percentage	Passing year	Specialization	Special Honor
1	MTech	SSGMCE Shegaon	9.09	2014	Digital Electronics	FirstClass with dist.
2	B.E	Godavari Foundation's Godavari College of Engineering, Jalgaon	88.44%	2023	E&Tc Engineering	FirstClass with dist.

9 Experience:EmploymentRecord

Sr. No.	Name and Address of Organization /Institute	PostHeld/Designation	Working Period andExperience
1	Government Polytechnique Khamgaon	Visiting	1 year
2	Mauli College of Engineering, Shegaon	Assistant Professor	6 Months
3	Raisoni College of Engineering and Management, Jalgaon	Assistant Professor	3.8 years
4	Raisoni College of Engineering and Management, Jalgaon	Assistant Professor	1 year
5	KCES'SCOEM,Jalgaon	Asst.Professor	2nd September 2025

10   Responsibilities/PositionHeld:

a. Academicandadministrativeresponsibilities/position.

Sr. No.	Responsibility/Position	Organization
1	ClassTeacher	Raisoni College of Engineering and Management, Jalgaon
2	Project and SeminarGuide (BE and ME).	Raisoni College of Engineering and Management, Jalgaon
3	InternalExaminerforPracticalExamination	Raisoni College of Engineering and Management, Jalgaon
4	Portfolios handled: MOM, Result Analysis, Unit Test, Mento Mentee.	
4	Cultural coordinator	Raisoni College of Engineering and Management, Jalgaon
4	VariousSubjecttaughtat UG and PGlevel EDC, LIC, Materials, MPMC, DSP,PE, EMF, DSIP…etc	Raisoni College of Engineering and Management, Jalgaon

11 Conference/Seminars/Workshop/STTP/CEP/NFDP Attended:

Sr. No	Title	Detailsof organizingbody	Venue	Duration
1.	DSP Design Using Xiling FPGA	CoreEL Technology Pune	SSGMCE Shegaon	3rd , 4th July 2014
2.	RF and Microwave Communication: Fundamentals Design and Applications	AICTE Sponsored Short Term Treaning Program	SSGMCE Shegaon	3th Dec-7th Dec 2013
3.	Technical Communication	STTP by IIT Bombay	Online	8th Oct – 5th Dec 2015
4	Introduction to Design of Algorithms	ISTE STTP by IIT Kharagpur	Online	27 April- 30 May 2015
5.	Electric Power System	ISTE STTP by IIT Kharagpur	Online	12th June – 15th July 2017

12   Publications in Journals and Conference:

Sr. No.	Name of Author(s), vol. no.,pageno. &year	Title	Details of paper published:(name ofjournal/conference/semina, venue,dateetc.)
1.	Mayuri Gachake, G.S. Gawande and K.B. Khanchandani Vol.4, No.3 (June	Performance Comparison of Various Digital Filters for Elimination of Power Line Interference from ECG Signal	International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 - 5161

	2014)		
2	Mayuri Gachake, Harsha Chirmade Volume 6, Issue 2,	Intelligent Autonomous Farming Robot	International Journal Science and Research
3	Mayuri Gachake NCITCN	Powerline Noise Reduction from ECG Signal for better Diagnosis.	Conference at MIT under IEEE communication Society
4	Mayuri Gachake	IoT Based Smart Energy Meter Using Theft Detection.	International Journal of Current Engineering and Technology E-ISSN 2277 – 4106, P-ISSN 2347 - 5161
5	Mayuri Gachake	Farming Robot	National Conference on "Development in Engineering &Technology Benefiting to Indian Famer"

13 Achievements:

1. Patent on "Smart Health Monitoring System Enable Smart Grid using ML and Big Data Analysis" (2023)
2. Completed 150 hours of course in MATLAB by HCL INFOSYSTEMS.
3. Attended course by Oasis Education on Advance 32 bit RAM Processor and RTOS UCOS
4. Copyright on Production of Electricity by the Method of Road Power Generation (2023)

This is to certify that the above information furnished by me is true to the best of my knowledge.

Date:

Name and signature of faculty

Mrs. Mayuri A. Shelar