

SRES', Sanjivani College of Engineering, Kopergaon
(An Autonomous Institute affiliated to SPPU, Pune)

Staff Profile

Personal Information			
Name of Teaching Staff: Sonam M. Gujrathi			
Designation: Assistant Professor			
Department : Mechanical Engineering			
Date of joining : 8 th Nov. 2012			
E Mail ID :	gujrathisonammech@sanjivani.org.in		
Contact No:	(+91) 8483874906		
Education Details			
Qualification	Specialization with Class or Grade	University	Year
UG	Mechanical Engineering	Pune University	2011
PG	Mechanical Engineering	Pune University	2013
Ph.D.	Mechanical Engineering	Pune University	Pursuing
Total experience in years:			
Teaching:	12 years		
Industry:	1		
Research and Publications			
<p>Year 2025</p> <p>1) Sonam M Gujrathi , Dr. K C Bhosale “Energy-Efficient Condition-Based Maintenance: A Smart Framework for Predictive Decision-Making in Industry 4.0” , Journal of Information Systems Engineering and Management, e-ISSN: 2468-4376, 2025, 10(53s) (SCI Indexed) https://doi.org/10.52783/jisem.v10i53s.10962</p> <p>2) Sonam M Gujrathi , Dr. K C Bhosale “Integration of Condition Based Maintenance with Energy Efficiency”, Studies in Science of Science, e-ISSN: ISSN: 1003-2053, 2025 (SCI Indexed) https://doi.org/10.5281/zenodo.15819960</p>			

Book Chapters:						
Sr. No.	Name of Author	Title of Book Chapter	Title of Book	Publisher	Page No.	
1	Sonam M Gujrathi	Technology in learning and learning about technology	Bridging boundaries : exploring interdisciplinary research	Notion press ISBN: 979 - 889133167 - 9	61 - 67	

Papers presented in conferences:				
Sr No.	Author	Title of Paper	Name of Conference	Date and Venue
1	Prof S M Gujrathi, Dr. S H Sarje	Changing paradigm in CBM	Second International Conference on recent trends in management, engineering and Technology 2023 at Amity University	2023
2	Prof S M Gujrathi, Dr. S H Sarje	Energy maintenance aspect in CBM	Presented paper at Vidya Vihar international conference	2024
3	Prof S M Gujrathi, Dr. S H Sarje	Latest Trends in Condition based maintenance	Presented paper at Sandip foundation International conference	2024
4	Prof S M Gujrathi + students	ADAS implementation and driver dwosiness implementation in vehicle	International conference in Recent trends in computing at sanjivani college of Engineering	2025
Research Profile URL				
Google Scholar		https://scholar.google.com/citations?user=iusdbP0AAAAJ&hl=en		
Scopus		https://id.elsevier.com/settings/redirect?code=siFO7_nDjZaFAooNrQUTApEbWNPRG5tc9boZUWBw		
Orcid		https://orcid.org/my-orcid?orcid=0009-0007-5720-2593		
publons		--		
Other Research Details				
Ph D Guide ?Give field & University:		PhD Guide: No		

Ph Ds/ Projects Guided:	--			
Books Published	-			
IPRs/Patents	Patent Granted: 08 1. Compact intelligent clutch safety mechanism. Certificate No: Design No.: 445636-001 Date of Issue: 25/01/2025 2. Adjustable Tiller Cultivator Certificate No: Design No.:444443-001 Date of Issue: 16/1/2025 3. Improved VGA Port with Rectangular Alignment Guide (product patent) Certificate No: In process Design No.: Date of Issue: 28/2/2025 4. Solar Power Charging Station for Vehicles Design No.: 6295210 Date of Issue:17/7/2023 5. Automatic seed collector Certificate No: Design No.: 457128-001			

Professional Memberships:	---		
Interaction with professional institutions	--		
Consultancy Activities			
Duration	Title of Activity	Issued Organization	Amount
--	--	-	
Grants fetched			
Duration	Title	Issued Organization	Amount
2024	AICTE Sponsored ATAL FDP	AICTE	Rs. 1, 00, 000/-
2024	SEED Funding	Sanjivani COE	Rs. 63,000/-
Awards			
Nil			

FACULTY DEVELOPMENT PROGRAMMES ATTENDED			
Name of the FDP / Workshop	Organization	Duration	Month-Year
Material Characterization and optimization	CVR COE	1 WEEK	24 SEPT - 28 SEPT, 2024
Outcome based education by NITTR, Bhopal	NITTR Bhopal	5 days	24 April - 28 April, 2025
Innovative AI Tools for Excellence	RSP Sci Hub	1 week	26 Aug - 31 Aug. 2024
ChatGPT and AI prompts	Online	1 day	01-09-2025
Research statistics through SPSS	Udaan Educational Services	1 week	21/8/23 – 27/8/23
Second International Conference on recent trends in management, engineering and Technology 2023	Amity University	2 days	22/12/23 – 23/12/23

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity
STTP on AI Tools for efficient daily task management for academics	RSP Sci hub in association with Dept. Of Mechanical Engg with	1 Week	2024 Dec	450
AICTE ATAL Sponsored Smart manufacturing Xperinece - Navigating the future of Industry 4.0	AICTE Sponsored ATAL program by Dept. Of Mech Engg. Sanjivani CE	1 Week	2024 Jan	170
Empowering Research and innovation - proposal writing and patent	RSP Sci hub in association with Dept. Of Mechanical Engg with	1 Week	Aug 2025	100

INVITED LECTURES IN STTP

Title of Lecture/ Academic Session	Title of STTP	Organized By
AI Tools for efficient daily task management for academics - 2024	AI Tools for efficient daily task management	RSP Sci hub
Empowering Research and innovation - proposal writing and patent	Leveraging AI Tools in research and proposal writing	RSP Sci hub

OTHER Professional URLs	
Personal Website	-
Linked In Profile	-
GitHub URL	-
YouTube Channel	https://youtube.com/@technicalinsight-j9g?si=vH2fh5NskyPmvxNq
Other	--

