

NICMAR University, Pune

Position: Vice-Chancellor

Name: Rachayya Rudramuni Arakerimath
Email: arakeri2020@gmail.com
Mobile: 9890835363
Gender: Male
Date of Birth: 22-Jul-1970



Education Detail

Education Level	Board / University	Institute	School / College	Marks	CGPA	Year
	VTU Belgaovi Karnataka	BVB's College of Engineering and Technology. Hubballi	BVB's College of Engineering and Technology. Hubballi	0.00	0.00	2009
Subjects / Specialization: Mechanical Engineering						
	SPPU Pune	Govt College of Engineering Pune- COEP	Govt College of Engineering Pune- COEP	63.00	6.63	1998
Subjects / Specialization: Manufacturing Automation						
	Karnataka University Dharawad	BLDEA's College of Engineering and Technology Vijaypur Karnataka	BLDEA's College of Engineering and Technology Vijaypur Karnataka	78.00	8.21	1994
Subjects / Specialization: Automobile Engineering						
	Bangalore Board Karnataka	Govt Jr College Bijapur	Govt Jr College Bijapur	68.00	7.16	1990
Subjects / Specialization: Science						

Work Experience (Total: 5Y 1M)

#	Organization	Designation	From	To	Duration
1	JSPM's Rajarshi Shahu College of Engineering Pune	Professor and Dean IQAC	Mar 2021	Present	5Y 1M

Research Publication

#	Title	Journal	Year
1	Manufacturing and performance evaluation of dimpled sheets: A comprehensive review	Next Materials Volume 11, April 2026, 101882	Apr-2026
2	Air-cooled and PCM-cooled battery thermal management systems of an electric vehicle: a technical review	Engineering Research Express DOI: 10.1088/2631-8695/adc876	Apr-2026
3	Design and weight optimization of smart modular rooftop farming structure of different materials	IEEE Publications DOI: 10.1109/ICETI4T63625.2025.11132144	Jun-2025
4	Comparative Analysis of Feedback Data Generation Using Generative AI for Micro Ultrasonic Machining	SSRN Elsevier	Feb-2025
5	Modelling of Density and Tensile Strength of Wollastonite-Filled Epoxy Composites	Lecture Notes in Mechanical Engineering, DOI: 10.1007/978-981-99-5946-4_12	Mar-2024
6	Comparative Experimental Analysis and Performance Optimization of Single-Cylinder DI and HCCI Engine with Series Catalytic Converters	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences121, Issue 1(2024) 173-187, DOI: https://doi.org/10.37934/arfmts.121.1.173187	Sep-2024
7	Investigating the influence of peak internal air temperature (PIAT) on material characteristics of linear low-density polyethylene (LLDPE) during rotational moulding	Engineering Research Express. DOI: 10.1088/2631-8695/ad1d22	Mar-2024
8	Investigation on Water Erosion Behavior of Ti-based Metal Matrix Composite: Experimental Approach	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, doi.org/10.37934/arfmts.121.1.173187	Oct-2024
9	Multi-response optimization for a low-cost multi-dimpling process	International Journal of Quality and Reliability Management, DOI: 10.1108/IJQRM-12-2022-0343, (2023) 40 (10): 2443-2462.	Apr-2023
10	An Investigation into the Mechanical Properties of an Epoxy-Based Composite Made From Jute Fiber and Reinforced With Sal Tree Gum Powder	Journal of The Institution of Engineers (India): Series D, DOI: 10.1007/s40033-023-00545-z, Volume 105, pages 665-674	Sep-2023
11	Defect Analysis Through Metallurgical Testing Methods for Linear Low-Density Polyethylene (LLDPE) at Different PIAT Values During Rotational Molding Process	Journal of Failure Analysis and Prevention, DOI: 10.1007/s11668-023-01722-8, Volume 23, pages 1752-1764,	Aug-2023

Published Books / Chapters

#	Book Title	Publisher	Institution
1	Manufacturing Process-1	Satya Prakashan New Delhi	SPPU Pune, Galgotia University
2	Manufacturing Process-II	Satya Prakashan New Delhi	SPPU Pune, Galgotia University, Chandigarh University
3	CAD CAM Automation	TECHMAX Publications Pune	SPPU Pune etc
4	ICIMSI2021: International Conference on Intelligent Mechanical Systems for Industry 4.0	AIP Publishing Limited. https://doi.org/10.1063/5.0100877	Across India and International level
5	3RD INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL METHODS IN MECHANICAL ENGINEERING (11-13 FEBRUARY-2021)	AIP Publishing Limited	Wadia College of Engineering and all Researches in the field

Administrative Experience (Total: 15Y 7M)

#	Post	Institution	From	To	Duration
1	Professor and Dean IQAC	Jspm's Rajarshi Shahu College of Engineering Pune	Sep 2021	Apr 2026	4Y 6M
2	Professor and Dean Academics	G H Raisoni College of Engineering and Management Pune	Jun 2018	Aug 2021	3Y 2M
3	Professor and Vice Principal	G H Raisoni College of Engineering and Management Pune	Jun 2015	Jun 2018	3Y 0M
4	Professor and HOD	G H Raisoni College of Engineering and Management Pune	Jul 2010	Jun 2015	4Y 10M

Major Research

#	Project Title	Value	Agency	From	To	Duration
1	Design and Development of MR Damper for passenger CAR	190000	SPPU Pune	Aug 2016	Dec 2018	2Y 4M
2	Biodiesel Production Optimization using Heterogeneous Catalyst (Al2O3) in Karanja oil by Taguchi Method	90000	BCUD SPPU	Sep 2018	Apr 2019	0Y 7M

International Experience

#	Organization / Body	Experience
1	NSY-Sen University Taiwan	Research Interaction and MOU
2	Petronos University, Malaysia. Mechanical dept	Organization of Collaborative Conference on ICREEM 2022 march

Statutory Authorities

#	Institution	Statutory Forum	From	To
1	JSPM's RSCOE Pune	BOS Chairman Mechanical Engineering	Dec 2021	Mar 2023
2	G H Raisoni College of Engineering and Management Pune	Dean Academics	Jul 2016	May 2018
3	Thakur College of Engineering and Technology Mumbai	External BOS Member	Aug 2019	Oct 2022
4	L R Tiwari College of Engineering Mumbai	External BOS Member	May 2025	Apr 2026
5	KJE's TCOER Pune	External V.C Nominee in BOS Committee	May 2025	Apr 2026
6	Wadia College of Engineering Pune	Invited External Member In Dept Advisory Board Member	Jul 2019	Apr 2026

Quality Assurance Experience

#	Area	Institution	From	To	Achievements
1	NBA	G H Raisoni College of Engineering and Management Pune	Sep 2018	Aug 2021	Accredited for 3 Years
2	NBA	JSPM's RSCOE Pune	Jun 2023	Jun 2025	Accredited for 3 Years

PhD Student Guided

#	Guide No	Co-Guide No
1	8	-

Youth Development Experience

#	Activity	Institution	Achievements	From	To	Duration
1	ASME Chapter Activities	JSPM's RSCOE Pune	Participation in ASME Events and Journal publications	Aug 2023	Jun 2024	0Y 10M
2	SUPRA/BHAHA -Society of Automotive Engineers -SAE	JSPM's RSCOE Pune	Won 2Nd Prize in Regional level	Mar 2023	Mar 2023	0Y 0M