

Curriculum Vitae

1. Name: Prof. Shashikant Ramesh Rao Thakare
2. Designation & Department: Assistant Professor, Mechanical Engineering
3. Correspondence address: Near School of Scholars Wing C, Balode
Layout Hingna Raod, Akola
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5. Academic Qualification (Undergraduate Onwards)

Sr. No	Degree	Year	Subject	University/Institution	% of marks /CGPA
1	ME	2013	PT&M	SGBAU, Amravati	75.56%
2	BE	2007	Production	SGBAU, Amravati	63.11%

6. Work experience (in chronological order).

S.No.	Designation	Name of the Institute	From	To
1	Assistant Professor	College of Engg. & Tech. Akola	06/01/2009	Till dates

7. Publications (List of papers published in Journals, in year wise descending order).

S.N o.	Author(s)	Title	Name of Journal /Conference	ISSN/ISBN	Volume	Page	Year
1	S. R. Thakare	“Structural and Modal Analysis of Quadcopter Frame: Material Optimization for Load-Bearing Efficiency”	International Journal of Multiphysics	ISSN: 1750-9548	Volume 18	1242-1255	2024
2	S. R. Thakare	Human Machine Harmony in the Production Sector	The board of scient journal of mechanical engineering & technology	e-ISSN: 2583-9519	Volume 3		2024
3	S. R. Thakare	Experimentation to Predict The Thermal Performance Of Conventional Heat Pipe With Water And Hydrocarbon As Working Fluid	IJRET-International Journal of Research in Engineering and Technology	e-ISSN: 2319-1163 p-ISSN: 2321-7308	Volume 5,		2016

8. Detail of patents/Copy right:

S. N o	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Augmented Reality Screen	S. R. Thakare	401419-001	31/01/2024	The Patent Office Government of India	Granted
2	Dual Motor Bird Scarcer Drone	S. R. Thakare	401417-001	12/04/2024	The Patent Office Government of India	Granted
3	Iot Based Device for Inspection Of Rail Track	S. R. Thakare	416358-001	22/10/2024	The Patent Office Government of India	Granted
4	Coconut Cutter	S. R. Thakare	446403-001	09/06/2025	The Patent Office Government of India	Granted
5	Device to Measure Heat Of Hydration In Cement And Concrete	S. R. Thakare	452948-001	05/06/2025	The Patent Office Government of India	Granted
6	MI Based Network Controlling And Management Device	S. R. Thakare	463804-001	Pending	The Patent Office Government of India	Pending

9. Books/Reports/Chapters/General articles etc.:

S.No	Title	Author's Name	Publisher	Year of Publication
1	Chapter 7. Sustainable Industrial Transformation Exploring Industry 4.0 & 5.0	Mahendra U. Gaikwad, Avinash Somatkar Shashikant Thakare	Taylor & Francis Group	2025

10: Field of Expertise / Specialization: Control System Engineering, Operation Research

Shashikant Thakare

Date and Sign: -29/11/2025