

Curriculum Vitae



1. Name: **Sanjaykumar C. Makwana**
2. Designation & Department: HOD, Associate Professor, Mechanical Engineering
3. Correspondence address: Near Pundlik Maharaj Ashram, Rautwadi, Akola
4. Email(s) : Sanjaykumar.makwana@coeta.ac.in
5. Academic Qualification (Undergraduate Onwards)

Sr. No	Degree	Year	Subject	University/Institution	% of marks /CGPA
01	PhD	2023	Production Engineering	SGBAU, Amravati	-
02	M.E.	2003	PT&M	SGBAU, Amravati	63.21
03	B.E.	1987	Production Engineering	SGBAU, Amravati	69.00

6. Ph.D thesis / M.E Dissertation title, Year of Award: **Selection of Appropriate Footwear in E-Commerce Scenario for Fit & Comfort: An Ergonomic Approach, 2023**

7. Work experience (in chronological order).

S.No.	Designation	Name of the Institute	From	To
01	Asst. Engineer,	HAL NK, Ojhar	14-04-1988	14-04-1992
02	Asst. Professor	College of Engineering & Technology, Akola	28-10-1993	Till Date

8. Detail of patents/Copyright.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Dual Motor Bird Scarcer Drone	Dr. S. C. Makwana	401417-001	12/04/2024	The Patent Office GOI	Published
2	Iot Based Device for Inspection of Rail Track	Dr. S. C. Makwana	416358-001	22/10/2024	The Patent Office GOI	Published

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

Sr. No.	Title of the Paper	Name of Authors	Name of Journal	Publisher	Vol. No. (Issue No.)	Page No.	Year	Impact Factor (if any)
1	Comparative Study of Inventory Control Models under Different Parameters	Dr. S. C. Makwana	Indian Journal of technical Education: www.isteonline.in	ISTE	Vol. 48, Special Issue No. 01	-	Jan-2025	-
2	EPQ Model with Inventory Dependent Rate Parameter	Dr. S. C. Makwana	Indian Journal of technical Education: www.isteonline.in	ISTE	Vol. 47 Special Issue No. 2 ISSN 0971-3034	322-325	April-2024	-
3	Comparative Study of Inventory Control Models under Different Parameters	Dr. S. C. Makwana	Indian Journal of technical Education: www.isteonline.in	ISTE	Vol. 48 Special Issue No. 1 ISSN 0971-3034	06-11	Jan-2025	-
4	Enhancing Fraud Detection for Credit Card Leveraging the Power of Random Forest Algorithm	Dr. S. C. Makwana	International Conference on Recent Advancements in Artificial Intelligence (ICRAAI-2024)	-	-	-	2024	-
5	Soft Computing Strategies for Anticipating Global Stock Index Price Trends & Future Opportunities	Dr. S. C. Makwana	3 rd International Conference on Data Science & Management (ICDSM-2024)	-	-	-	2024	-

- 10: Field of Expertise / Specialization: CAD/CAM, Automation, CIM, Robotics & Ergonomic .

Date and Sign:
30/11/2025