

Faculty Profile

- **Faculty Name** : Ganesh Rajaram Gaikwad
- **Designation** : Assistant Professor
- **Department** : Mechanical Engineering
- **Mobile No.** : 9922577884, 8788884950
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● Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Mechanical Engineering	Shivaji University, Kolhapur	First
2	M.E. Mechanical Design	Solapur University	First class with distinction

● Professional experience:-

Total experience in years:- 20 Years & 07 Months

Teaching: - 14Yr. & 7Months

Industrial: -06

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	1 July 2018 to Till Date
2	Ashokrao Mane Polytechnic, Ambap	Lecturer	2 July 2012 to 30 June 2018
3	Vitthal Patil Polytechnic, Inam- Dhamni, Miraj	Lecturer	1 June 2011 to 30 June 2012
4	Menon Bearings Ltd, Kolhapur	PPC	1 Nov. 2009 to 30 Apr. 2011
5	Mahavir Steel Ind. Ltd. Pune	PPC	1 Nov.-2008 to 30 Jul.2009
6	Shreem Group of Company (Mahan Electricals Pvt. Ltd.), Jaysingpur	Production planning Engineer	1 July. 2006 to 30 Sept. 2008
7	Kulkarni Power Tools Pvt. Ltd. Jaysingpur	Production planning Engineer	2 Sept. 2004 to 30 June. 2006

➤ Subject Taught:-

Undergraduate Subjects			
1	Engineering Graphics	2	Metrology & Quality Control
3	Manufacturing Processes 1 & 2	4	Machine Design
5	Energy & Environment Engineering	6	Product design engineering
7	Quantitative techniques in project management	8	Design Thinking
9	Fundamental of Mechanical Engineering		

Postgraduate Subjects			
1	Analysis & Synthesis of Mechanism	2	Finite Element Method
3	Design for Manufacturing and Assembly	4	Research Methodology and IPR

- **Project Work at U.G.:-** Sponsored project of “Design Development of Luxurious Patient Transferring System”.
- **Project Work at P.G.:-** Sponsored project of “Design Development & Application of 3- Dimensional Schatz Geometry Kinematic Linkage For Uni- Directional Motion Mixer Machine”.
- **Research Area of Interest:-** Automation, Design, 3D Printing Technology
- **Book Published :-** NIL
- **OTHER CREDENTIALS:**
Patent, Certificates & Recognition Received:
 - **Granted a UK Design Patent** for innovation in “**Multimodal Autism Detection And Screening Device**”, Design No. 6530443, Grant Date: 12 June 2026.

➤ **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	“Design Development And Application of 3-Dimensional Schatz Geometry Kinematic Linkage For Uni- Directional Motion Mixer Machine”	IOSR Journal of Mechanical and Civil Engineering	IJ	Feb 27-28, 2018	e-ISSN: 2278-1684,p-ISSN: 2320-334X
2	“Empowering of technical education to address sustainability & global competitiveness”	43rd ISTE National Annual Convention program	NJ	Mar25, 2015	0971-3034
3	Development of CNC Plotter Machine for Printing Application	Asian Journal of Convergence in Technology	IJ	Dec.18 ,2024	2350-1146 I.F-5.11
4	“A review of Mechanical engineering innovations for sustainable Agricultural Advancement”	International conference on integrated research and sustainable development.	IJ	31 Oct.2025	

* NJ- National Journal

IJ- International Journal

- **No. of Project Guided at U.G. Level:-** 16
- **No. of Project Guided at P.G. Level:-** 00
- **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Name of STTP/FDP/workshop	Organized By	Date
1	Workshop on Industry Institute Interaction & Implementation for Technology Development BOAT (WR)	BOAT (WR) at Dr. Bapuji Salunkhe Institute of Engineering Technology, Kolhapur	Feb.2012
2	Workshop on ‘Latex’	AMGOI, Vathar	July 2012

3	"Research Methodology" under Shivaji University	Dr.J.J. Magdum College of Engineering, Jaysingpur	20th Oct.2016
4	AICTE & TEQIP III sponsored one week S.T.T.P. on "Mathematical Modeling & Numerical Techniques"	AMGOI, Vathar tarf Vadgaon	09th Dec.2019 to 13rd Dec.2019
5	AICTE sponsored one week S.T.T.P. on "Optimization Techniques and Awareness on Research "	AMGOI, Vathar tarf Vadgaon	30th Dec.2019 to 03rd Jan.2020
6	Training to research scholar on research gap identification	AMGOI, Vathar tarf Vadgaon	28th Feb2020 to 29th Feb. 2020
7	One Week Faculty Development Program on "Python 3.4.3"	Sharad Institute of Technology, Polytechnic, Yadrav	04th June 2020 to 08th June 2020
8	One week short term training program (STTP-III) on "Role of smart technology Maritime Industries"	AMET University, Chennai	14 Dec 2020 to 19 Dec. 2020
9	One Week Online Short Term Training Program (STTP), SLOT - 4, on "Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and Their Applications for Future Challenges"	Mahatma Gandhi Institute of Technology, Hyderabad	07 Dec.2020 to 12 Dec.020
10	One Week Short Term Training Program (STTP) on Recent Developments in Foundry and Indian Foundry Industry: Trends and Challenges	AMGOI, Vathar tarf Vadgaon	06 th June. 2022 – 10 th June. 2022
11	One Week Short Term Training Program (STTP) on "Design of Experiment and Optimzation"	AMGOI, Vathar tarf Vadgaon	11 th Dec. 2023 – 16 th Dec. 2023
12	One Day Faculty development Program on "Ancient and Computational Mathematics"	AMGOI, Vathar tarf Vadgaon association with Aptitude Club and ISTE chapter	20th February 2024
13	Forbes Marshall Online Faculty Development Programme with the theme of Education for Industry Readiness (Part-1)	Forbes Marshall	March 12, 2025.
14	Forbes Marshall Online Faculty Development Programme with the theme of Education for Industry Readiness (Part-2)	Forbes Marshall	March 21, 2025.
15	Crafting Research Excellence: A Comprehensive Guide to Paper & Proposal Writing	AMGOI, Vathar tarf Vadgaon	11 Sept. 2024 to 13 Sept. 2024
16	NEP-2020 Orientation & Sensitization Programme	Malaviya Mission Teacher Training. By GAD-MMTTC	19 Nov. 2024 to 29 Nov.

			2024
17	One Week Faculty Development Programme on Life Skill Development.	Dr. Bapuji Salunkhe Institute of Engineering Technology, Kolhapur	03Dec. 2024 to 07 Dec. 2024
18	Urban Development of Smart Cities & Mobility	AICTE Training & Learning Academy	30 Dec.2024 to 04 Jan. 2025
19	Recent Advancement in Mechanical Engineering & Its Applications.	Swarnandhra College of Engineering, Kakinada, A.P.	21 Apr.2025 to 25 Apr.2025
20	Next-Gen Manufacturing: Embracing Industry 4.0	AICTE Training & Learning Academy	25 Aug.2025 to 30 Aug.2025.
21	The Role of Additive Manufacturing in the Era of Industry 4.0	AICTE Training & Learning Academy	14 Sept.2025 to19 Sept.2025
22	Sustainable materials and manufacturing paving the wayfor circular economic	Kamaraj College of Engineering and K. Vellakulam - 625701, Tamilnadu	19 Jan. 2026 to 24 Jan. 2026
23	One day workshop on “NEP 2020 Guideline for the syllabus design”	AMGOI, Vathar tarf Vadgaon	03 Jan. 2026
24	One day workshop on “ NBA Accreditation preparation”	AMGOI, Vathar tarf Vadgaon	04 Jan. 2026
25	Forbes Marshall Online Faculty Development “ Digital Technology for new age industry.	Forbes Marshall	23 Jan.2026

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	3D Printing in Pharmaceuticals: Unlocking Future Possibilities (National Level Seminar)	AMCP, Vadgaon	29 Dec. 2023
2	Two Days Workshop on 3 D printing	AMGOI, Vathar tarf Vadgaon	17 Oct.2023 to 18 Oct.2023
3	Hands on Training workshop on 3 D printing	AMGOI, Vathar tarf Vadgaon	03 Nov. 2023
4	National Level Technical Event REFLEX	AMGOI, Vathar tarf Vadgaon	2018 Onwords

➤ **Special Achievements :-**

- Honor Received in out rich program in which A **guest speaker** underShivaji University, Kolhapur Sponsored **National Level Seminar** on ‘**3D Printing in Pharmaceuticals: Unlocking Future Possibilities**’ on **Friday, 29th December 2023**. Subject on” What you can make with 3D Printing” with hands on training.
- Appreciation received due to One day hands on training workshop on 3 D printing conducted for Second year and Third year Mechanical Engineering students and for AMP, Diploma Final Year Mechanical Engineering Students.

- **Departmental Responsibilities:- Departmental Academic Coordinator,** Industrial Training In charge (SY and TY), Department Mentor coordinator, Time Table I/C, PBL and Mini project Coordinator, Admission Counselling In charge (Mech. Dept.), NBA Cr.8, NAAC Cr. 7 Coordinator
 - **Other Experience/Responsibilities If Any :-** 3 D Printer coordinator, Examiner (DBATU), Question Paper setting chairman (DBATU)- FEM,DFMA, RM, FME
 - **Social Contribution If Any:-** Notebook Donation, Tree Plantation, Blood Donation, coordinate to NSS activity Programmes
1. **Professional Membership If Any:-** No