

Faculty Profile

- Faculty Profile Name:- Sakharam V. Dafade
- Designation- Assistant Professor
- Department:-Mechanical Engineering
- Mobile No. 9665515003
- Email Id- svd@amgoi.edu.in
- Educational Qualification:

Sr.No	Degree	University	% Marks	Class
1	B.E	Shivaji University	67.88	First class with Distinction
2	MTECH	RIT, Islampur	8.31 CPI	First class with Distinction

- Professional experience:-07 Years
Teaching: - 07 Industrial:- 00 Research: -00

Sr.No.	Organization	Post	Period(years)
1	D.Y.Patil Polytechnic, Talsande	Lecturer	02
2	Ashokrao Mane Group of Institutions,vathar	Assistant Professor	05

- Subject Taught:-

Sr.No.	Under Graduate	Post Graduate
1	Total Quality Management	CNC
2	Mechatronics	Operation Research Techniques
3	Industrial management & operation research	Operations Management
4	Material Science & Metallurgy	
5	Basic Human Right	
6	Machine drawing	
7	Metrology & Quality control	
8	Workshop practice I & II	
9	Computer integrated manufacturing	
10	CAD/CAM	

- Project Work at U.G.:- Design and Manufacturing of Flexible Fixture for Coupling Part Family
- Project Work at P.G.:- Optimization of process parameters in Electrochemical discharge machining (ECDM)
- Certified Courses:-
 - "Quality management systems" by TUV Rheinland.
 - "Programming logic controller" by Delta PLC
 - "Train the trainer program" under distance ready engineer initiatives of Tata Technologies
- Research Area of Interest:-Micromachining, Operation Research

➤ **Paper Presented and published:-**

1. Optimization of Process Parameters in Electrochemical Discharge Machining (ECDM) ,Journal of Basic and Applied Engineering Research , Volume 2, Number 16; April-June, 2015 pp. 1339-1343.
2. General safety awareness in science laboratory: An Overview , Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, June 2019, pp.541-544

➤ **ME./M.Tech Projects Guided:-NIL**

➤ **Expert Lectures Delivered as a Resource Person:-**

A Guest lecture on "Iron iron carbide (Fe₃C) Equilibrium Diagram" at Ashokrao Mane Polytechnique, vathar

➤ **STTP/FDP/Workshops/Attended/Participated:-**

Sr.No.	Name of STTP/FDP/workshop	Institute	Date	Attended/Participated
1	Optimization Techniques and Awareness on Research	AMGOI,Vathar	30th Dec. 2019 – 03rd Jan. 2020	Participated
2	Renewable Energy Sources : Past, Present and Future	AMGOI,Vathar	05th Feb. – 17th Feb. 2018	Participated
3	CAM, Fluid Power, CIM/FMS, Robot Simulation	AMGOI,Vathar	11th Sept. 2015	Participated
4	Research Methodology	Ashokrao Mane Group of Institutions, Vathar	13th to 15th June 2017	Participated
5	Soft computing techniques for modeling and optimization in mechanical engineering	Ashokrao Mane Group of Institutions, Vathar	13th to 15th March 2019	Participated
6	Automation studio and robocell software	Ashokrao Mane Group of Institutions, Vathar	28th to 31st Dec. 2015	Participated
7	Delcam FeatureCAM	Ashokrao Mane Group of Institutions, Vathar	10th to 12th Dec. 2015	Participated

➤ **Programs Organized:-**

Sr.No.	Name of Program	Institute	Date
1	Blood donation camp under ready engineer program	Ashokrao Mane Group of Institutions, Vathar	9 march 2019
2	Donated Medical kit to the physically challenged students	Ashokrao Mane Group of Institutions, Vathar	March 2018

➤ **Book Published:--NIL**

Departmental Responsibilities:-

- 1. Unit test co-cordinator**
- 2. Result Analysis Co-cordinator**
- 3. lab Incharge for CNC lab & Metallurgy lab**
- 4. Special cell co-ordinator**

- **Other Experience/Responsibilities If Any :- READY Engineer program-co-cordinator**
- **Social Contribution If Any:-Tree plantation under READY Engineer program activity.**
- **Professional Affiliation:- nil**
- **Professional Membership If Any:-nil**