

Faculty Profile

- **Faculty Name** : Maheshkumar A Sutar
- **Designation** : Assistant Professor
- **Department** : Mechanical Engineering
- **Mobile No.** : 8600060042
- **Email Id.** : mas@amgoi.edu.in

• Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Mechanical Engineering	Shivaji University, Kolhapur	First
2	M. Tech. – Mechanical Engineering	Government College of Engg. Karad	First
3	Ph. D Perusing	Shivaji University, Kolhapur	

• Professional experience:-

Total experience in years:-23

Teaching: - 20 Industrial: -03

Research: -00

SN.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	H.O.D and P G Coordinator,	1 March 2016 to Till Date
2	Annasaheb Dange College of Engineering	Assistant Professor	1 July. 2005 to 31 April 2016
3	Carline Pressing Ltd Pune	PPC Engineer	1 August 2003 to 29 April 2005
4	Mahabal Metals Pvt Ltd Sangli	Quality Engineer	1 April 2005 to 29 April 2005

➤ Subject Taught:-

Undergraduate Subjects			
1	Universal Human Values	2	Material Science and Metallurgy
3	Manufacturing Process I	4	Sheet Metal Engineering
5	Human Resource Management	6	Product Life Cycle Management
7	Metrology and Quality Control	8	Basic Human Rights
9	Entrepreneurship Development	10	Mechatronics
11	Material Management	12	Intellectual Property Rights
13	Manufacturing Process II	14	Industrial Engineering
15	Total Quality Management	16	Production Management
Postgraduate Subjects			
1	Advanced Engineering Materials	2	Design for Manufacture and Assembly
3	Advanced Casting Technology	4	Advanced Joining Technology
5	Quality Control and Reliability	6	Manufacturing Planning and Control

7	Management Information System	8	Lean Manufacturing.
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- **Project Work at U.G.:-** Casting Analysis
- **Project Work at P.G.:-** Optimization – Vertical Grinding Machine.
- **Research Area of Interest:-** Lean, SAP, Mechanical, Lean, Production

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

Sl.	Title	Name of Journal		Date	ISSN No.
1	Prepare and Executing PPAP Documentation for Flywheel 4H.1171.10.0.00	IIRST–International Journal for Innovative Research in Science & Technology	IJ	August 2020 ISSN	Volume 7, Issue 3, (online): 2349-6010
2	Imperative Significance of PPAP Document in the Modern Manufacturing Processes as per ISO/TS 16949 Standard in the Automotive Industry-A case Study	, ELK's Asia pacific Journals, ELK's Indian Journal of Mechanical Engineering			
3	Imperative Elements of PPAP Document in the Modern Manufacturing Processes at Small Scale Industry-A case Study	² International Conference on the empirical aspects of advancement in Science			
	Implementation of SPC Tools in small scale industry for Productivity Improvement-A Case Study	International Conference on Recent Advances in Manufacturing		(RAM-2021)	
	A Literature Review on Implementation of Lean Tools in Industries and Enterprises”,	International Journal for Research in Applied Science & Engineering Technology (IJRASET)		July 2021	Volume 9 Issue VII
	“Productivity Improvement of Gear Machining Line Using Lean Tools”, Advances in Manufacturing	Springer Publications.		under review	
	Hybrid Electric Vehicles (HEVs): Need, Recent Development and Revolution Requirement on Indian Roads	Roads ELK ASIA PACIFIC		Feb 2021	Volume 4
	. Hybrid Electric Vehicles (HEVs): Need, Recent Development and Revolution Requirement	International Journal, "Journal of The Institution of		May 2021	Series C

		Engineers (India) –			

* NJ- National Journal

IJ- International Journal

➤ **No. of Project Guided at U.G. Level:- 50**

➤ **No. of Project Guided at P.G. Level:- 25**

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

Sl.	Name of STTP/FDP/workshop	Organized By	Date
1	One Week short term training program on “Foundry Technology and Indian Foundry ”	Ashokrao Mane Group of Institute ions Vathar	One Week (30 Dec, - 3 Jan2022)
2	One Week short term training program on “Optimization Techniques and Awareness on Research”	Ashokrao Mane Group of Institute ions Vathar	One Week (30 Dec, - 3 Jan2020)
3	ISTE Approval one week STTP on “ Energy Future and Scope”	Ashokrao Mane Group of Institute ions Vathar	One week (03-09 Nov. 2016)
4	One day seminar on “ Neural Network , Fuzzy Logic and Genetic Algorithm”	Ashokrao Mane Group of Institute ions Vathar	One Day (23 Sep, 2017)
5	ISTE Approval one week STTP on “ Faulty development Program on Induction Training”	Ashokrao Mane Group of Institute ions Vathar	One week (03-09 Nov. 2016)
6	ISTE Approval one week STTP on “ Teaching Aids to im Faulty development Program on Induction Training”	Ashokrao Mane Group of Institute ions Vathar	One week (16-20 Jan. 2017)
7	ISTE Approval one week STTP on “ Research Methodology Program”	Ashokrao Mane Group of Institute ions Vathar	One week (3 – 6 May 2017)
8	Lead College one day program on “ How to write effective book”	Ashokrao Mane Group of Institute ions Vathar	One week (16 Feb. 2017)
9	ISTE workshop on Vehicle Dynamics by using ADMS.	Annasaheb Dange College of Engg. & Tech., Ashta	One Week (05-10 Dec, 2014)
10	ISTE workshop on Engineering Mechanics (IITKgp e-Outreach).	Tattyaasaheb Kore Institute of Technology Warana	Two Week (20-30 May, 2014)
11	Two days “National Level workshop on Research Methodology”	Walchand College of Engineering, Sangli WCE Sangli	Two Days (05 th Dec- 06 th April 2013)
12	CFD (Fluent) under Extencore Solution	Annasaheb Dange College of Engg. & Tech., Ashta	One week (11 th -15 th Nov 2013)
13	One week STTP on “Advances in Composite Materials”	Annasaheb Dange College of Engg. & Tech., Ashta	One Week (25-29 June, 2012)
14	One week STTP on “Numerical Methods For Engineers with Matlab”	Annasaheb Dange College of Engg. &	One week (17 th -21 th Dec

		Tech., Ashta	2012)
15	ANSYS MULTIPHYSIS under Extencore Solution	Annasaheb Dange College of Engg. & Tech., Ashta	One week (21 th -25 th Nov 2012)
16	ISTE workshop on High Impact Teaching Skills (Wipro Mission 10x).	Karmveer bhauray Patil College of Engg. & Tech., Satara.	One Week (1 th -02 th Dec 2012)
17	ISTE workshop on Thermodynamics in Mechanical Engineering (IITB e-Outreach).	Walchand College of Engineering, Sangli	Two Week (14-24 June,2011)
18	One week STTP on “Research methodology in engineering and applied sciences.”	Annasaheb Dange College of Engg. & Tech., Ashta	One week (25 th -29 th Dec 2011)
19	ISTE workshop on “Fluid Mechanics” (IITKgp e-Outreach).	Sharad Institute of Technology Yadrav Kolhapur	Two week (14 th -24 th June 2011)
20	ISTE workshop on “Engineering Thermodynamics”	Walchand College of Engineering, Sangli	Two week (14 th -24 th June 2011)
21	One week STTP on “Finite Analysis and their applications in science and Engineering.”	Annasaheb Dange College of Engg. & Tech., Ashta	One week (20 th -24 th Dec 2010)
22	Two days course on “Teaching ,Methodologies in Basic Mechanical Engineering”	DKTES’s Textile & Engineering Institute, Ichalkaranji	Two days (10 th -11 th Jan 2008)
23	International workshop on “Performance Based Teaching Techniques.”	Annasaheb Dange College of Engg. & Tech., Ashta	Three days (11 th -13 th May 2009)
24	ISTE Workshop on “Material Testing.	Javaharlal Neharu College of Engineering Shimoga Karnataka	Two day (16 th -17 th Nov. 2007)

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1	One Week ISTE Approval Industry 4.0 and 5.0 : Challenges and Application ”	AMGOI Vathar	One Week (30 Jan, - 3 Jan 2026)
2	One Week short term training program on “Foundry Technology and Indian Foundry ”	AMGOI Vathar	One Week (30 Dec, - 3 Jan2022)
3	One Week short term training program on “Optimization Techniques and Awareness on Research”	AMGOI Vathar	One Week (30 Dec, - 3 Jan2020)
4	ISTE Approval one week STTP on “Energy Future and Scope”	AMGOI Vathar	One week (03-09 Nov. 2016)

5	Conducted Workshop under SUK Lead college scheme” D Printing at AMGOI” for Faculty and BE and ME tudents.	AMGOI Vathar	2018
6	Conducted Workshop under SUK Lead college scheme” Scope on EDM at AMGOI” for Faculty and BE and ME Students.	AMGOI	14th Nov. 2017
7	Expert Lecture Material Science and Metallurgy	Swami Vivekananda College Kolhapur	3 rd Oct. 2019
8	Heat Treatment and Principle	ADCET Automobile Engg. Dept.	2017 Onwards
9	Expert Lecture Material Science and Metallurgy	SANJEEVAN Engg. College Panhala	14 October 2016
10	Expert Lecture Material Science and Metallurgy	Shree Shivajirao Desmukh Polytechnic Shirala	10 December 2014
11	Expert Lecture Material Science and Metallurgy	AMGOI Polytechnic	29 August 2016

➤ **Special Achievements :-**

➤ Secured 100% Result **Outstanding Teacher** for the year 2015-16 of ADCET Ashta,

➤ **Departmental Responsibilities:** - Lab In charge , Parents Meet In charge, Co E In charge Head of Dept. P G Coordinator, M Tech Admission In charge ,

➤ **Other Experience/Responsibilities If Any :-** Head of Dept. P G Coordinator , M Tech Admission In charge, M Tech F C In charge

➤ **Social Contribution If Any:-** Book Donation , Tree Plantation, Blood Donation,

1. **Professional Membership If Any:-** Life member of ISTE (LM 66266)

2. **Professional Membership If Any:-** Life member of IAENG International Association of Engineer