Faculty Profile

Faculty Name
 Designation
 Department
 Maheshkumar A Sutar
 Assistant Professor
 Mechanical Engineering

• Mobile No. : 8600060042

Email Id. : mas@amgoi.edu.in

• Educational Qualification

SI.	Degree	University	Class
1	B.E Mechanical Engineering	Shivaji University, Kolhapur	First
2	M. Tech. – Mechanical Engineering	Government College of Engg. Karad	First

• Professional experience:-

Total experience in years:-23

Teaching: - 20 Industrial: -03 Research: -00

SN.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions,	H.O.D and P G	1 March 2016 to
	Vathar	Coordinator, Asst. Prof.	Till Date
2	AnnasahebDange 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			
	Postg	radua	te 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.

➤ **Project Work at U.G.:**- Casting Analysis

Project Work at P.G.:- Optimization – Vertical Grinding Machine.

Research Area of Interest:- Mechanical, Lean, Production

> Paper Published in National &International Journal:-

SI.	Title	Name of Journal		Date	ISSN No.
1	Prepare and Executing PPAP Documentation for Flywheel 4H.1171.10.0.00	IJIRST –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 onIndian 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: No. of Project Guided at P.G. Level: STTP/FDP/Workshops/Attended/Participated:-

SI.	Name of STTP/FDP/workshop	Organized By	Date
1	rame of officer processing	O'Sumzeu Dy	One Week
1	One Week short term training program on	Ashokrao Mane Group	(30 Dec, - 3
	"Foundry Technology and Indian Foundry"	of Institute ions Vathar	Jan2022)
2	Foundry recimology and indian Foundry		Janzuzzj
2	One Week short term training program on	Ashakraa Mana Craun	One Week
	One Week short term training program on	Ashokrao Mane Group of Institute ions Vathar	(30 Dec, - 3
	"Optimization Techniques and Awareness on Research"	of institute ions valuar	Jan2020)
2	OII RESEARCII		One week
3	ISTE Approval one week STTP on "Energy	Ashokrao Mane Group	One week
	Future and Scope"	of Institute ions Vathar	(03-09 Nov.
	One device mainer on "Neveral Network	Ashalwaa Mana Cuawa	2016)
4	One day seminar on "Neural Network,	Ashokrao Mane Group of Institute ions Vathar	One Day
5	Fuzzy Logic and Genetic Algorithm"	of institute ions vathar	(23 Sep, 2017)
5	ISTE Approval one week STTP on "Faulty	Ashokrao Mane Group	One week
	development Program on Induction	of Institute ions Vathar	(03-09 Nov.
	Training"		2016)
6	ISTE Approval one week STTP on "	Ashokrao Mane Group	One week
	Teaching Aids to im Faulty development	of Institute ions Vathar	(16-20 Jan.
	Program on Induction Training"	A ala aluma a NA a ma Cura uma	2017)
7	ISTE Approval one week STTP on "	Ashokrao Mane Group	One week
_	Research Methodology Program"	of Institute ions Vathar	(3 – 6 May 2017)
8	Lead College one day program on "How to	Ashokrao Mane Group	One week
	write effective book"	of Institute ions Vathar	(16 Feb. 2017)
9	ISTE workshop on Vehicle Dynamics by	Annasaheb Dange	One Week
	using ADMS.	College of Engg. &	(05-10 Dec,
10	ICTE and all an annual fractions of an Marshautine	Tech., Ashta	2014)
10	ISTE workshop on Engineering Mechanics	Tattyasaheb Kore	Two Week
	(IITKgp e-Outreach).	Institute of Technology	(20-30 May,
44		Warna	2014)
11	Two days "National Level workshop on	Walchand College of	Two Days
	Research Methodology"	Engineering, Sangli WCE	(05 th Dec- 06 th
4.2		Sangli	April 2013)
12	CED (Elvert) and den Elverte Cell II	Annasaheb Dange	One week
	CFD (Fluent) under Extencore Solution	College of Engg. &	(11 th -15 th Nov
4.0		Tech., Ashta	2013)
13	One week STTP on "Advances in Composite	Annasaheb Dange	One Week
	Materials"	College of Engg. &	(25-29 June,
	0 10777	Tech., Ashta	2012)
14	One week STTP on "Numerical Methods For	Annasaheb Dange	One week
	Engineers with Matlab"	College of Engg. &	(17 th -21 th Dec

		Tech., Ashta	2012)
15	ANSYS MULTIPHYSIS under Extencore	Annasaheb Dange	One week
	Solution	College of Engg. &	(21 th -25 th Nov
	301411011	Tech., Ashta	2012)
16	ISTE workshop on High Impact Teaching	Karmveer bhauray Patil	One Week
	Skills (Wipro Mission 10x).	College of Engg. &	(1 th -02 th Dec
	3Kill3 (WIPTO WII331011 10X).	Tech., Satara.	2012)
17	ISTE workshop on Thermodynamics in	Walchand College of	Two Week
	Mechanical Engineering (IITB e-Outreach).	Engineering, Sangli	(14–24
	Wicefianical Engineering (IIID e Oddreden).	Linginicering, Jangii	June,2011)
18	One week STTP on "Research methodology	Annasaheb Dange	One week
	in engineering and applied sciences."	College of Engg. &	(25 th -29 th Dec
	in engineering and applied sciences.	Tech., Ashta	2011)
19	ISTE workshop on "Fluid Mechanics" (IITKgp	Sharad Institute of	Two week
	e-Outreach).	Technology Yadrav	(14 th -24 th June
	e dancacii,	Kolhapur	2011)
20	ISTE workshop on" Engineering	Walchand College of	Two week
	Thermodynamics"	Engineering, Sangli	(14 th -24 th June
	,	<u> </u>	2011)
21	One week STTP on "Finite Analysis and	Annasaheb Dange	One week
	their applications in science and	College of Engg. &	(20 th -24 th Dec
	Engineering."	Tech., Ashta	2010)
22	Two days course on "Teaching	DKTES's Textile &	Two days
	,Methodologies in Basic Mechanical	Engineering Institute,	(10 th -11 th Jan
	Engineering"	Ichalkaranji	2008)
23	International workshop on "Performance	Annasaheb Dange	Three days
	Based Teaching Techniques."	College of Engg. &	(11 th -13 th May
	Dasca readining rediningues.	Tech., Ashta	2009)
24		Javaharlal Neharu	Two day
	ISTE Workshop on "Material Testing.	College of Engineering	(16 th -17 th Nov.
		Shimoga Karnataka	2007)

Programs Organized:-

SI.	Name of Program	Institute	Date
1		AMGOI Vathar	One Week
	One Week short term training program on "Foundry		(30 Dec, - 3
	Technology and Indian Foundry "		Jan2022)
2	One Week short term training program on "Optimization Techniques and Awareness on Research"	AMGOI Vathar	One Week (30 Dec, - 3 Jan2020)
3	ISTE Approval one week STTP on "Energy Future and Scope"	AMGOI Vathar	One week (03-09 Nov. 2016)
4	Conducted Workshop under SUK Lead college scheme" D Printing at AMGOI" for Faculty and BE and ME tudents.	AMGOI Vathar	2018

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