

Faculty Profile

- **Faculty Name** : Maheshkumar Arjun Sutar
- **Designation** : Assistant Professor, P. G. Coordinator
- **Department** : Mechanical Engineering
- **Mobile No.** : 8600060042
- **Email Id.** : mas@amgoi.edu.in , pgproduction @amgoi.edu.in

● **Educational Qualification**

Sl.	Degree	University	Class
1	B.E. Mechanical	Government College of Engineering, Karad Shivaji University ,Kolhapur Maharashtra.	First Class
2	M. E. Mechanical – Production Engineering	Government College of Engineering, Karad , Shivaji University ,Kolhapur Maharashtra.	First Class

● **Professional experience:- 17**

Total experience in years:-17

Teaching: - 15

Industrial: -03

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	01 April 2016 to Till Date
2	Annasaheb Dange College of Engineering , Ashta	Assistant Professor	10 July 2006 to 31 March 2016
3	Trufit Precision Karad	Production Manager	01 August 2004 to 31 May 2006
4	Carline Pressing Ltd. Pune	Trainee Engineer	01 June 2003 to 28 March 2004

➤ **Subject Taught:-**

Undergraduate Subjects			
1	Metallurgy	8	<i>Production Management</i>
2	Manufacturing Processes	9	<i>Material Management</i>
3	Machine Tools	10	Advanced Foundry System
4	<i>Industrial Engineering</i>	11	Manufacturing Engineering
5	<i>Total Quality Management</i>	12	Metrology and Quality Control.
6	Computer Integrated Manufacturing.	13	Human Resource Management
7	Basic Mechanical Engineering.	14	Workshop Practice I,II
Postgraduate Subjects			
1	Advanced Materials	9	World class manufacturing
2	Advanced Casting Technology	10	Lean Manufacturing.

3	Quantitative Technique.	11	Manufacturing Planning and Control.
4	Production Management	12	Advanced MANUFACTURING lab
5	Advanced Joining Technology	13	Seminar.
6	Casting and Molding Technology	14	Mini project.
7	Quality control and reliability	15	Project Phase I&II
8	Management Information System		

- **Project Work at U.G.:-** Retrofitting of printing Machine sponsored by Manugraph India Ltd. Kolhapur
- **Project Work at P.G.:-** Optimization of Critical to Quality Control Parameter of Spindle Surface Grinder
- **Research Area of Interest:-** Mechanical Engineering, Production Engineering, LEAN Manufacturing, CRM, Optimization, Supply Chain Management, EDM, Welding Technology, Material, Quality Control, Industrial Engineering, Productivity Improvement

Paper Presented in National & International Conference:-

Sl.	Title	Name of Conference & Institute	Type* (NC/IC)	Date
1	Finite Element Analysis of Fixture and Assembly. International conference on Industrial and Mechanical eng. (ICMIC)	International conference on Industrial and Mechanical eng. (ICMIC)	International conference on Industrial and Mechanical eng. (ICMIC)	2012
2	The impact of Management Information Systems to Improve Productivity on Maintenance Shop in Sugar Cane Factory”	November 2017 International Conference of Industrial , Production, Electronics, Electrical and Computational System	conference on Industrial and Mechanical eng. (ICMIC)	November 2017
	“Performance Analysis of Domestic Refrigerator with various Refrigerants	National conference on Emerging Trends in Mechanical eng.’ P.V.P.I.T. Budgavan Sangli.	National conference P.V.P.I.T. Budgavan Sangli.	05 March, 2011

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

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	1.Mr. Vaibhav Lohar ,Prof. M.A. Sutar “ LEAN Parameter Value (2018)	A Review International Journal of Science and Research (IJSR)	IJ	2018	: ISSN (Online): 2319-7064 Index Copernicus
2	Miss. Prajkta Patil ,Prof. M.A. Sutar “ CRM Parameter: (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2018)	A Review International Journal of Science and Research	IJ	2018	ISSN (Online): 2319-7064
3	1.Mr. Virendra Chavan ,Prof. M.A. Sutar “ Optimization of CNC Machining Parameter of Al6061 to Improve Surface Roughness and Material Removal Rate: A Review Index Copernicus Value (2015)	International Journal of Science and Research (IJSR)	IJ	2015	ISSN (Online): 2319-7064
	1. Mr. Prashant Desai, Prof. M. A. Sutar,” A Review on Investigation and Implementation of Lean Manufacturing in a Small Scale Industry for Effective Productivity	International Journal of Research in Advent Technology, IS	IJ	2017	ISSN: 2349-6010,
	Mr. Sarang Kadam ,Prof. M. A. Suatr “ A review paper on Management Information Systems” IJIRISSN2454-1362, Volume 3,Issue 1, Feb 2017.	IJIRISSN	IJ	2017	ISSN (Online): 2319-7064
	1.Mr. Vaibhav Lohar ,Prof. M.A. Sutar “ LEAN Parameter: A Review Index Copernicus Value (2018)	International Journal of Science and Research (IJSR)	IJ	2018	ISSN: 2349-6010
	Miss. Prajkta Patil ,Prof. M.A. Sutar “ CRM Parameter: A Review Index Copernicus Value (2018)	International Journal of Science and Research (IJSR)	IJ	2018	ISSN (Online): 2319-7064
	Prof. Mahesh Sutar , Prof. A. R. Acharya , “ Optimization of critical to quality Parameters of vertical spindle surface grinderVolume-I, Issue – 10 , (Dec 2012).	” International Journal of Eng. Research and Technology. “,	IJ	2012	ISSN: 2349-6010

	2. Mr. M. A. Sutar Prof. A. R. Acharya , et al Optimization of critical to quality Parameters of vertical spindle surface grinder”	International Journal of Eng. Research and Technology. “	IJ	2012	2013 E- ISSN2249- 8974“
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No. of Project Guided at U.G. Level:- 22

➤ **No. of Project Guided at P.G. Level:- 20**

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

Institute	Topic	Date
SANJEEVAN Engg. College Panhala	GATE opportunity and Scope	14 March 2020
Nanasaheb Mahadik College of Engineering Peth	GATE opportunity and Scope	20 Jan 2020
Ashokrao Mane Group of Institutions Vathar	Metallurgy – Scope	29 August 2016
Ashokrao Mane Group of Institutions Vathar	Metallurgy – Scope	29 August 2016
SANJEEVAN Engg. College Panhala	Metallurgy	14 October 2016
Ashokrao Mane Group of Institutions Vathar	Resource Persons” 3 D Printer Technology”.	13 Sep. 2016
Ashokrao Mane Group of Institutions Polytechnic Vathar	Resource Persons” Faculty Development program”.	13 Sep. 2016

➤ **STTP/FDP/workshop/Conference as Resource Person:-**

Name of STTP/FDP/workshop/Conference	Date	Institute
SUK Lead college workshop on “ Reserch Identification Gap ”	One week (16-20 March. 2020)	Ashokrao Mane Group of Institute ions Vathar
ISTE Approval one week STTP on “ Optimization Techniques and Research Awareness ”	One week (16-20 Jan. 2020)	Ashokrao Mane Group of Institute ions Vathar
ISTE Approval one week STTP on “ Renovable Energy sources ”	One week (16-20 Jan. 2017)	Ashokrao Mane Group of Institute ions Vathar
One day seminar on “ Neural Network , Fuzzy Logic and Genetic Algorithm”	One Day (23 Sep, 2017)	Ashokrao Mane Group of Institute ions Vathar
ISTE Approval one week STTP on “ Faulty	One week	Ashokrao Mane Group of Institute

development Program on Induction Training”	(03-09 Nov. 2016)	ions Vathar
ISTE Approval one week STTP on “Teaching Aids to im Faulty development Program on Induction Training”	One week (16-20 Jan. 2017)	Ashokrao Mane Group of Institute ions Vathar
ISTE Approval one week STTP on “Research Methodology Program”	One week (3 – 6 May 2017)	Ashokrao Mane Group of Institute ions Vathar
Lead College one day program on “How to write effective book”	One week (16 Feb. 2017)	Ashokrao Mane Group of Institute ions Vathar
ISTE workshop on Vehicle Dynamics by using ADMS.	One Week (05-10 Dec, 2014)	Annasaheb Dange College of Engg. & Tech., Ashta
ISTE workshop on Engineering Mechanics (IITKgp e-Outreach).	Two Week (20-30 May, 2014)	Tattayasaheb Kore Institute of Technology Warna
Two days “National Level workshop on Research Methodology”	Two Days (05 th Dec-06 th April 2013)	Walchand College of Engineering, Sangli WCE Sangli
CFD (Fluent) under Extencore Solution	One week (11 th -15 th Nov 2013)	Annasaheb Dange College of Engg. & Tech., Ashta
One week STTP on “Advances in Composite Materials”	One Week (25-29 June, 2012)	Annasaheb Dange College of Engg. & Tech., Ashta
One week STTP on “Numerical Methods For Engineers with Matlab”	One week (17 th -21 th Dec 2012)	Annasaheb Dange College of Engg. & Tech., Ashta
ANSYS MULTIPHYSIS under Extencore Solution	One week (21 th -25 th Nov 2012)	Annasaheb Dange College of Engg. & Tech., Ashta
ISTE workshop on High Impact Teaching Skills (Wipro Mission 10x).	One Week (1 th -02 th Dec 2012)	Karmveer bhauray Patil College of Engg. & Tech., Satara.
ISTE workshop on Thermodynamics in Mechanical Engineering (IITB e-Outreach).	Two Week (14–24 June, 2011)	Walchand College of Engineering, Sangli
One week STTP on “Research methodology in engineering and applied sciences.”	One week (25 th -29 th Dec 2011)	Annasaheb Dange College of Engg. & Tech., Ashta
ISTE workshop on “Fluid Mechanics” (IITKgp e-Outreach).	Two week (14 th -24 th June 2011)	Sharad Institute of Technology Yadrav Kolhapur
ISTE workshop on “Engineering Thermodynamics”	Two week (14 th -24 th June 2011)	Walchand College of Engineering, Sangli

One week STTP on “Finite Analysis and their applications in science and Engineering.”	One week (20 th -24 th Dec 2010)	Annasaheb Dange College of Engg. & Tech., Ashta
Two days course on “ Teaching ,Methodologies in Basic Mechanical Engineering”	Two days (10 th -11 th Jan 2008)	DKTES’s Textile & Engineering Institute, Ichalkaranji
International workshop on “Performance Based Teaching Techniques.”	Three days (11 th -13 th May 2009)	Annasaheb Dange College of Engg. & Tech., Ashta

- **Responsibilities:**
 - : Head Central Marketing Admission
 - : Admission Cell Core Committee
 - : Head Admission Publicity online
 - : Working as P. G. Coordinator M.E. /M Tech (Mechanical- Production) Engg. In AMGOI
 - : Worked as I/C Public Relation Officer in 2008-

Departmental Responsibilities:-

- : NBA Criteria 1 Coordinator
- : EDM Facility In charge AMGOI
- : In charge Advanced Manufacturing Lab.

- **Other Experience/Responsibilities If Any :-** Annual Social Function Coordinator
- **Social Contribution If Any:-** Donated Blood
- **Professional Membership If Any:-**
 1. ISTE Life Membership (LM66266)