

- Faculty publications

Sr. No .	Author	Title	Type of publication/ Date/ DOI	Publisher's Details/Place
1	Prof. Dr. A. N. Chapgaon	A review on effect of process parameters on electric Discharge Machining	June 16	International Journal for research in applied science& engineering technology , (IJRASET), ISSN: 2321-0613, vol.4(6), Jun-16
		Inventory control by linear & nonlinear demand forecasting	June 2016	Asian Review for Mechanical Engineering, vo.5(1) jan-June.2016
2		An experimental study of two phase(Air-water) flow characteristics on pipe vibration at atmospheric conditions	23 rd to 25 th Feb. 2017	ISME Conference
3		Effect of GTAW – SMAW hybrid welding process parameters on hardness of weld	11 th March 2017	ICETETA 2017
4		Optimization of cutting parameters for surface roughness and its influence on cutting force using RSM. for turning of Aluminium alloy LM13	18 th December 2016	3 rd International Conference on Recent Innovations in Science, Technology and Environment
5		Optimization of cutting parameters for surface roughness and its influence on cutting force using RSM. for turning of Aluminium alloy LM13	12 th December 2016	IJSTM
6		Optimization of cutting parameters for surface roughness and its influence on cutting force using RSM. for turning of Aluminium alloy LM13- A review	6 th June 2016	IJRISE
7	Optimization of cutting parameters for surface roughness and its	19 th June 2016	ICRISTM	

		influence on cutting force using RSM. for turning of Aluminium alloy LM13- A review		
8	Prof. Dr. A. N. Chapgaon , Prof. H. A. Saraikar	Air condensation unit to get maximum potable water: A review	8 th Oct. to 9 th Oct. 2016	International conference on Recent Innovations in Engineering at HIT, Nidsoshi
9	Prof. Dr. Duradundi. S. Badkar	Effects of Laser Process Parameters on Overlapped Multipass Laser Hardened Bead Geometry of Ti-6Al-4V Titanium Alloy Using CW Spherical Beam Nd:YAG Laser	2017	Lasers in Engineering (LIE), Old City Publishing – LIE Home
10		Optimization of Surface Roughness of En8 Steel In CNC Turning Operation by Taguchi Concept	2016	International Journal of Advanced Technology in Engineering and Science (IJATES)
11		Robotic Supporting Leg for Handicapped People	2017	International Journal of Engineering Science and Computing (IJESC)
12		An Outcome Based Education (OBE): An Overview	2017	International Journal of Advanced Research In Education & Technology (IJARET)
13		Study on laser hardening parameters of ASTM grade 3 pure titanium on an angle of entry of hardened bead profile and power density	April 2017	International Research Journal of Material Science and Engineering
14		Research on Laser Hardened Bead Geometry in Laser Hardening of ASTM Grade 3 Pure Titanium	2017	Research & Reviews : Journal of Physics
15		An Outcome Based Education (OBE): An Overview	Jan-March 2017	International Journal of Advanced Research in Education & Technology
16		Robotic Supporting Leg for Handicapped people	Feb. 2017	International Journal of Engineering Science & Computing

17		Design and Development of New Mulching Machine for Agriculture	2017	Journal of Advances in Science & Technology
18		Design and Development of New Mulching Machine for Agriculture	10 - 11 March, 2017	Proceedings of National Conference on MECHANICAL ENGINEERING IN NEXT DECADE NC-MEND 2017
19		Experimental Investigation of Effect of Laser Process Parameters and Heat Input on Hardened Bead Geometry and Power Density of ASTM Grade 3 Pure Titanium using CW Laser Beam	16-18 FEBRUARY, 2017	Proceedings of SECOND INTERNATIONAL CONFERENCE ON MATERIAL SCIENCE (ICMS2017)
20		Novel Continuous Variable Valve Lift (CVVL) Mechanisms for Throttle Free Load Control of SI Engine	May 2016	International Engineering Research Journal (IERJ) Volume 2 Issue 3 Page 901-909, 2016, ISSN 2395-1621
21		A Review on Investigation of Tribological Behavior of Nano coating for Piston Ring	March 2017	International Journal of Latest Technology in Engineering, Management and Applied Science (IJLTEMAS) Volume VI, Issue III, March 2017 ISSN 2278-2540 www.ijltemas.
22	Prof. E. N. Aitavade	Analysis and experimental validation for behavior (compression, tensile, fatigue etc.) of composite material helical compressive spring used for four wheeler suspension system.	May 2016	INTERNATIONAL JOURNAL OF INNOVATIONS IN ENGINEERING RESEARCH AND TECHNOLOGY [IJIERT] ISSN: 2394-3696 VOLUME 3, ISSUE5, MAY-2016
23		Mathematical Modeling and Experimental Validation of Modification of Mono-Tube Shock Absorber	2016	IJSRD - International Journal for Scientific Research & Development Vol. 4, Issue 04, 2016 ISSN (online): 2321-0613

24	Prof. P. A. Patil	Advanced water irrigation system	26 th June 2016	ICITER-2016
25		Feedback assisted closed loop inspection control system.	26 th June 2016	ICITER-2016
26		A Review on Investigation and Implementation of Lean Manufacturing in a Small Scale Industry for Effective Productivity	March 2017	IJRST –International Journal for Innovative Research in Science & Technology Volume 3 Issue 10 ISSN (online): 2349-6010
27		The Role of Universal Human Values in Life, in the success of Waranabazar consumer cooperative at Warananagar (MS)	11 th to 12 th June 2016	1 st International Conference on Universal Human Values Organized by the Bahá'í Academy, Panchgani
28		A Review on Design and Analysis of Gate valve using Various Computer Aided Techniques	March 2017	IJRST Volume 3 Issue 10 March 2017 ISSN (online): 2349-6010
29		Automatic Headlamp Illumination Control System	March 2017	IJRSET, Vol. 6, Issue 3, March 2017. ISSN(Online) : 2319-8753
30	Prof. A. P. Kanunje	“Optimization of Surface Roughness Using Taguchi Approach with Minimum Quantity Lubrication for Turning TN-8 Steel”	06 th Jan.2017 to 07 th July 2017	National conference at DACOE Karad
31	Prof. M. A. Sutar	A review paper on Management Information Systems	April 2017	IJIR, Vol-3, Issue 4, ISSN:2454-1362
32		A Review on Investigation and Implementation of Lean Manufacturing in a Small Scale Industry for Effective Productivity	March 2017	IJRST –International Journal for Innovative Research in Science & Technology Volume 3 Issue 10 ISSN (online): 2349-6010

- **STTP, conferences attended**

Sr. No.	Name of staff	Title	Organiser	Attended/ Organised	Duration
1	Prof. E. N. Aitavade	National Tribology Conference (NTC 2016)	IIT BHU	Attended	8 th to 10 th Dec. 2016
		ASM Conference MET 2016 & HTS 2016	CIDCO exhibition & convention centre, Mumbai	Attended	12 th to 14 th Oct. 2016
2	Prof. H. A. Saraikar	”Teaching Methodology” for BE Mech	JJM, College of Engineering Jaysingpur	Attended	19 th Aug. 2016
3	Prof. L. M. Pathak	”Teaching Methodology” for BE Mech	JJM, College of Engineering Jaysingpur	Attended	19 th Aug. 2016
4	Prof. R. P. Patil	“Virtual Lab Development of RAC”	KIT College of Engineering Kolhapur.	Attended	20 th Aug. 2016
5	Prof. R. A. Pasale	“Research Methodology and Patent Filing”	AMGOI, Vathar	Attended	7 th Jan. 2016
6	Prof. S. P. Nevagi	“Research Methodology and Patent Filing”	AMGOI, Vathar	Attended	7 th Jan. 2016
7	Prof. S. P. Nevagi	“Teaching Practices and	AMP, Vathar	Attended	16 th to 20 th Jan.

		Accreditation Awareness”			2017
8	Prof. M. A. Sutar	How to write a book and access of E resources	AMGOI, Vathar	Attended	15 th Feb. 2017
9	Prof. M. A. Sutar	Teaching practices and accreditation awareness for polytechnic faculties”	AMGOI polytechnic	Attended	16 th to 20 th Jan. 2017
10	Prof. R. A. Pasale	How to write a book and access of E resources	AMGOI, Vathar	Attended	15 th Feb. 2017
11	Prof. H. A. Saraikar	How to write a book and access of E resources	AMGOI, Vathar	Attended	15 th Feb. 2017

- **Books published**

1. Prof. H. V. Shete has published a book on “Control Engineering” for TE Mechanical Students.
2. Prof. R. A. Pasale has published a book on “Mechanical Tools and processes’, by Nirali Prakashan, Pune.