

Summary of Publication details

Year	Conference		Journal		Total
	National	International	National	International	
2015-16	17	23	3	33	76
2016-17	86	12	1	27	126
2017-18	81	12	0	27	120
2018-19	81	2	0	11	94
2019-20	1	27	0	42	70
2020-21	1	13	0	34	48

Details of Research Publications in Conference 2015-16

S.No.	Name of the Publisher	Name of conference	Publication details
1	K.H.Inamdar	5th National Conference on Recent Advances in Manufacturing (RAM-2015), SVNIT, Surat,	Optimization of CO2 Laser Cutting Parameters of SS 304 using DOE, Page No. 119-124.
2	K.H.Inamdar	5th National Conference on "Recent Advances in Manufacturing (RAM2015)", SVNIT Surat,	"Analysis of Mechanical Properties for the Gray Cast Iron Using SMAW Process with NiFe-CI Electrodes", Page No. , 978-93-5212-6491
3	K.H.Inamdar	5th National Conference on Recent Advances in Manufacturing (RAM2015), SVNIT Surat,	"Investigation of effect of process parameters on Resistance Seam Welding of Low Carbon AISI 1010 steels", Vol. , Issue , Page No. 463-468., 978-93-5212-6491
4	Ashish Mane, Uday A. Dabade	Proceedings of the Fifth National Conference on Recent Advances in Manufacturing (RAM - 2015) S.V. National Institute of Technology, Surat,	"Analysis of High-Aspect Ratio Micro-Turning of Brass Material", Page No. 33-38
5	Ronak Khandelwal, Uday A. Dabade	Proceedings of the Fifth National Conference on Recent Advances in Manufacturing (RAM - 2015) S.V. National Institute of Technology, Surat	Analysis of High-Aspect Ratio Micro-Turning of Brass Material Finite Element Analysis of Tube Forming by Electromagnetic Forming Process, , Page No. 479-484
6	G. I. Shaikh, Uday A. Dabade	(RAM - 2015) S.V. National Institute of Technology, Surat – 395007, India	Experimental Investigation on Friction Stir Welding of Dissimilar Metals", Proceedings of the Fifth National

			Conference on Recent Advances in Manufacturing, Page No. 479-484
7	Ravi Raut, Uday A. Dabade	Proceedings of the Fifth National Conference on Recent Advances in Manufacturing (RAM - 2015) S.V. National Institute of Technology, Surat,	“Performance Analysis of Electric Discharge Machining Process during Machining of Inconel - 718”, Page No. 148-153
8	K.H. Inamdar, A. Awale	5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat	“Wear Behavior of Cutting Tool Materials in High Speed Turning of AISI S7 Tool Steel”,
9	K.H. Inamdar, A.N. Gharde	5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat,	“Microstructure Analysis of Extruded Aluminium Alloy AA 6063”, Page No. 514-519, 978-93-5212-694-1
10	K.H. Inamdar, Y. Pawar	5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat,	“Optimization of CO2 Laser Cutting Parameters of SS 304 using DOE”, Page No. 119-124,
11	K.H. Inamdar, S. Sutar	5th National Conference on Recent Advances in Manufacturing (RAM 2015), SVNIT Surat,	“Analysis of Mechanical Properties for the Gray Cast Iron Using SMAW Process with NiFe-CI Electrodes”, Page No. 469- 473, 978-93-5212-6491
12	K.H. Inamdar, A.S. Kulkarni	5th National Conference on Recent Advances in Manufacturing (RAM2015), SVNIT Surat,	“Investigation of effect of process parameters on Resistance Seam Welding of Low Carbon AISI 1010 steels”, Page No. 463-468, 978- 93-5212-6491
13	Amar Yekane, Rahul Chougule	3rd National Conference on science and instrumentation technology, National Institute Technology, Kurukshetra	“Casting Yield Improvement using Simulation and Modeling Technique”,
14	S.B. Kamble, S.U. Sapkal	Proceedings of the 5th National Conference on Recent Advances in Manufacturing	“Investigations of micro-drilling process for machining of Titanium alloy”,
15	K.H. Inamdar	National Conference on Emerging Trends in Engineering, Technology & Architecture 2015,	“Effect of Process Parameters on Resistance Welding-A Review”, Page No. 209-213
16	S.U. Sapkal, M.M. Ghumare, L.A. Bewoor	Proceedings of International Conference on Computing Communication Control and Automation	“Application of particle swarm optimization for production scheduling”, Page No. 485-489
17	K.H. Inamdar	International Conference on Mechanical and Industrial Engineering (ICMIE- 2015)	“Various Methodologies for Assessment of Surface Quality”,
18	Shirish Chandrakant Bali, Xiangyu Zhong,	Proceedings of 17th International conference on Environmental Degradation of	“Effects of Dissolved Hydrogen on the Environmentally Assisted Cracking of 316 Stainless Steel in PWR Primary

	Tetsuo Shoji	Materials in Nuclear Power Systems Water Reactors, Canada	Water at 325°C”,
19	S.U. Sapkal, R. D. Jadhav	Proceedings of 3rd International Conference on Industrial Engineering	“Productivity Improvement by using Value Stream”,
20	M.M. Ghumare, L.A. Bewoor, S.U. Sapkal	Proceedings of International Conference on Computing Communication Control and Automation, IEEE	“Application of particle swarm optimization for production scheduling”,
21	S. C. Bali, C. Shim, Y. Takeda, T. Shoji, X. Zhong	Proceedings of the 4th International Conference on Fatigue of Nuclear Reactor Components, Seville, Spain	“Short Crack Behaviour of Austenitic Stainless Steels in Simulated PWR Primary Water during Fatigue Damage and Monotonic Deformation”,
22	Ravi Salgar, Uday A. Dabade	Proceedings of 9th-An International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 9) at IIT-Bombay, Mumbai.	“Productivity Improvement in an Automotive Industry through First Time Quality (FTQ)”,
23	O.S. Nene, S.U. Sapkal	Proceedings of the 5th National Conference on Recent Advances in Manufacturing	“Investigations of steel casting by using simulation and DoE”,
24	R.D. Jadhav, S.U. Sapkal	Proceedings of 3rd International Conference on Industrial Engineering	“ABC analysis in Manufacturing Company”,
25	M.S. Mhatre, R.S.Pawade, S.U. Sapkal F. Siddiqui	International Journal of Scientific and Engineering Research	“Prediction of EDM process parameters by using artificial neural network (ANN) – a prediction technique”
26	V. B. Jondhale, R.M. Chanmanwar, U.A. Dabade	3rd International Conference on Industrial Engineering (ICIE-2015) & 57th National Convention of Indian Institution of Industrial Engineering at Sardar Vallabhbhai National Institute of Technology, Surat,	“Development of Modular Fixture for Pinhole Operation of Compressor Valve to Improve Productivity on VMC”, Vol. 1, Page No. 693-696
27	S.R. Bhagwat, Uday A. Dabade	Proceedings of 3rd International Conference on Industrial Engineering (ICIE-2015) & 57th National Convention of Indian Institution of Industrial Engineering at Sardar Vallabhbhai National Institute of Technology, Surat	“Increasing Line Efficiency Using Time Study and Line Balancing at Engine Manufacturing Head Sub Assembly Line”,
28	Sunil Karidkar, Uday A. Dabade	Proceedings of 9th-An International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 9) at IIT-Bombay, Mumbai	“Experimental Investigation during WEDM of Inconel – 718 using Taguchi Method”

29	Mahesh Jadhav, Uday A. Dabade	Proceedings of 9th-An International Conference on Precision, Meso, Micro and Nano Engineering (COPEN 9) at IIT-Bombay, Mumbai	“Analysis of cutting forces, surface finish and tool wear during hot machining of Al/SiCp Metal Matrix Composites”
30	Sunil S. Karidkar, Uday A. Dabade	Procedia CIRP, 48th CIRP conference on manufacturing systems (CIRP CMS 2015)	“Analysis of Response variables in WEDM of Inconel - 718 using Taguchi Technique”
31	Mahesh R Jadhav, Uday A. Dabade	Procedia CIRP, 48th CIRP Conference on manufacturing systems (CIRP CMS 2015)	“Experimental Analysis of Al/SiCp Metal-Matrix Composites during Hot Machining”, Page No. 914 – 919
32	Pradip N. Patil, Prof. Dr. K. H. Inamdar	International Conference on Engineering Innovations and Solutions	Analysis of Deep Drawing process using ANOVA and application of ANN in defect prediction, 2016
33	Amol S. Karape, Prof. Dr. K. H. Inamdar	International Conference on Engineering Innovations and Solutions	Numerical Simulation of Spheroidal Graphite Iron Casting for Shrinkage Analysis – A Case Study, 2016
34	Yogesh Rajaram Satpute, Dr. K. H. Inamdar	International Conference on Engineering Innovations and Solutions	Parametric Effect Analysis on Laser Drilling using DoE, 2016
35	Amol S. Karape, K. H. Inamdar	Proceedings of 2nd National Conference on Recent Advances in Science and Technology	Parameter Optimization of Sand Casting Process by using Taguchi Method, 17-18 Feb. 2016
36	Pradipkumar N. Patil and Prof. Dr. K. H. Inamdar	Proceedings of 2nd National Conference on Recent Advances in Science and Technology	A Review on Deep Drawing of Rectangular Shaped Parts, 17-18 Feb. 2016
37	Mahesh N. Jadhav, Dr. K. H. Inamdar	02 Days 5th International Conference on Recent Trends In Engineering, Science & Management	A review on casting simulation for defects reduction using autocast, 9th – 10th December 2016
38	Sagar S. Pawar, Dr. K. H. Inamdar	02 Days 5th International Conference on Recent Trends In Engineering, Science & Management	Factors affecting quality of plasma arc cutting process: a review, 9th – 10th December 2016
39	Gajanan S. Gaikwad, Dr. K. H. Inamdar	02 Days 5th International Conference on Recent Trends In Engineering, Science & Management	A review on effect of process parameters of resistance welding, 9th – 10th December 2016
40	Atish Chahare, K. H. Inamdar	02 Days 5th International Conference on Recent Trends In Engineering, Science & Management	A review on process parameters affecting aluminium extrusion process

Details of Research Publications in Journal 2015-16

S.No.	Name of the Publisher	Publication details
1	K.H.Inamdar	Optimization of CO2 Laser Cutting Parameters of SS 304 using Taguchi Method, National Journal of Manufacturing Technology Today (MTT),CMTI, Vol. 14, Issue 8, Page No. 0972-7396
2	Dr.K.H.Inamdar	Analysis of Mechanical Properties for the Gray Cast Iron using SMAW Process with NiFe-CI Electrodes, National Journal of Manufacturing Technology Today (MTI), Vol. 14, Issue 10, Page No. : 0972-7396, 10
3	K.H. Inamdar, A. Awale	Optimization of Machining Parameters in Hard Turning Process using Taguchi Orthogonal Array, National Journal of Manufacturing Technology Today, Vol. 14, Issue 5, Page No. 22-30, 0972-7396
4	K.H. Inamdar, A.S.Kulkarni	Effect of Process Parameters on Resistance Welding, Journal of Emerging Technologies and Innovative Research, Vol. 2, Issue 4, Page No. 963-967,2349-5162
5	Dr.K.H.Inamdar	Review on the Microstructure and Microhardness of Extruded Aluminium Alloys, Journal of Emerging Technologies and Innovative Research (JETIR),Vol. 2, Issue 4, 1097-1102, 2349-5162
6	D. A. Kamble, B. S. Gawali	Experimental and Numerical Investigation of Forced convection heat transfer in rectangular microchannel, International Journal of Micronanoscale heat Transfer, Vol. 5, Issue 1,
7	K.H.Inamdar	Effect of Process Parameters on Resistance Welding, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 2, Issue 4, Page No. 963-967, 2349-5162,
8	Swami Virbhadra B.	Design of abrasive jet machine, International Journal Of Modern Engineering Research (IJMER), 2249–6645
9	S.P.Dabade	Automatic Sorting Machine Using Conveyor Belt, International Journal of Innovative and Emerging Research in Engineering, Vol. 2, Issue 5, Page No. 66-70, 2394 - 3343

10	A P Patil, K V Chandan	Experimental Modal Frequency and Damping Estimation of Visco-Elastic Material by Circle Fit Method, Journal of The Institution of Engineers (India): Series C
11	Mayur Tapase, M B Patwardhan	Metal spinning-design considerations, IJEDR, Vol. 2, Issue 3, Page No. 3004-9, 2321-9939
12	K.H. Inamdar, Y. Pawar	Optimization of Quality Characteristics of Laser Cutting, Journal of Emerging Technologies and Innovative Research, Vol. 2, Issue 6, Page No. 1959-1963, 2349-5162
13	K.H. Inamdar, S.Sutar	Analysis of Mechanical Properties for Welded Cast Iron, Journal of Emerging Technologies and Innovative Research, Vol. 2, Issue 6, Page No. 2012-2015, 2349-5162
14	A.D.Kadam, K.V.Desai, R.P.Chumble	Modal Analysis of an Adhesive Joint, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Issue 6, Page No. 4137-4145, 2319-8753
15	Dr.K.H.Inamdar	Analysis of Mechanical Properties for Wedled Cast Iron, Journal of Emerg-ing Technologies and Innovative Research (JETIR), Vol. 2, Issue 6, Page No.2349-5162,
16	K.H.Inamdar	Optimization of Quality Characteristics of Laser Cutting, Journal of Engineering Technologies and Innovative Research (JETIR), Vol. 2, Issue 6, Page No. 1959-1963, 2349-5162
17	K.H.Inamdar	Analysis of Mechanical Properties for Welded Cast Iron, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 2, Issue 6
18	Rohan Prakash Chumble	Modal Analysis of Adhesive joint, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Issue 6, Page No.4137-4145, 2319 – 8753
19	S P Chavan, A K Kale, F A Mulla	Experimental Investigation of the Damping Behavior of the Particle Damping in the Transient Vibrations, Springer – IET, 2250-0545
20	Rohan Prakash Chumble	Automatic Sorting Machine Using Conveyor Belt, International Journal of Innovative and Emerging Research in Engineering, Vol. 2, Issue 5, Page No. 66-70, 2394 - 3343
21	B.S.Gawali, Sandeep S. P	Design Development and Testing of coaxial pulse tube cryocooler and linear compressor, Indian Journal of Cryogenics, Vol. 40
22	Hajare V. S, Gawali B S	Experimental Study of Latent heat storage system using Nano Mixed Phase change Material, IJTMAS, Vol. 3, Issue 8
23	Ramnaresh Prajapati, Pravin Mane	Augmentation of Heat Transfer for Non Newtonian fluid using Screw Heat Exchanger, Journal of Advancement in Engineering and Technology Science
24	M B Patwardhan, Ramrajesh H.Deshmukh	“Design And Development Of A Test Rig To Estimate Fatigue Life Of The Timing Belt Of I. C. Engine”, IJRET: International Journal of Research in Engineering and Technology, Vol. 4, Issue 8, 2319-1163
25	Khot M. M, Gawali B.S	“Finite element analysis and optimization of flexure bearing for linear motor compressor”, Elsevier-Physics Procedia, Page No. 379-385
26	Chirag K. Deotare, Uday A. Dabade	Productivity Improvement in Engine Assembly Line at GM India Ltd. Pune, India, International Journal of Latest Trends in Engineering and Technology(IJLTET), Page No. 9-16
27	K.H.Inamdar	Microstructure and Microhardness Analysis of Extruded Aluminium Alloy AA6063, Journal of Manufacturing Engineering, Vol. 10, Issue

		4
28	Patil J. D, Gawali B. S.	Numerical analysis and parametric study of micro-channel heat exchanger for direct single phase water cooling of processors, IHMTC-2015
29	D. A. Kamble, B. S. Gawali	“Analysis of rectangular microchannel in forced convection heat transfer condition using R-22”, International Journal for a clean Environment, Page No. , 2150-3621
30	Chavan S.P. and others	“Vibration characteristics Diagnosis of roller Bearing using the new Empirical model”, Journal of Tribology-Transaction of ASME, Volume138, Page- 011103-1 to 9
31	Swapnil K. Patil, Dr. K. H. Inamdar	A Review On Force Analysis On Turning By Using Wavelet Packet Transform Technique, International Journal of Advanced Technology in Engineering and Science, Vol. 4, Issue no. 12, December 2016
32	Sagar S. Pawar, Dr. K. H. Inamdar	Factors Affecting Quality Of Plasma Arc Cutting Process: A Review, International Journal of Advanced Technology in Engineering and Science, Vol. No. 4, Issue No. 12, December 2016.
33	Atish Chahare, K. H. Inamdar	A Review On Process Parameters Affecting Aluminium Extrusion Process, International Journal of Innovative Research in Science and Engineering, Vol No. 2, Issue No. 2, December 2016
34	Gajanan S. Gaikwad, Dr. K. H. Inamdar	A Review On Effect Of Process Parameters Of Resistance Welding, International Journal of Advanced Technology in Engineering and Science, Vol No. 4, Issue No. 12, December 2016
35	Mahesh N. Jadhav, Dr. K. H. Inamdar	A Review On Casting Simulation For Defects Reduction Using Autocast, International Journal of Advanced Technology in Engineering and Science, Vol No. 4, Issue No. 12, December 2016
36	V. B. Jondhale, R. M. Chanmanwar, U. A. Dabade	Development of Modular Fixture for Pinhole Operation of Compressor Valve Improve Productivity on VMC, 2015.

Details of Research Publications in Conference 2016-17

S.No.	Name of the Publisher	Name of conference	Publication details
1	Karale Swapnil , Nagose Rajesh , Kale Arvind	National Conference on Recent Trends in Mechanical Engineering	Modelling And Simulation of Powder Based Electron Beam Additive Manufacturing, Vol 1 Issue 1, 22
2	Chougule Prasanna, Dabade Uday A.	National Conference on Recent Trends in Mechanical Engineering	Powder Assisted Electro Discharge Machining - A Review, Vol 1 Issue 1, 33
3	Babar S. R., Dabade Uday A., Dixit Pradeep.	National Conference on Recent Trends in Mechanical Engineering	Investigation of Silicon Ingots Machined By Wire-EDM, Vol 1 Issue 1, 40
4	Chaudhari L. R., Dabade Uday A. , Angane V. R , Auti V. P.	National Conference on Recent Trends in Mechanical Engineering	Lean Manufacturing Implementation for Assembly Kitting System Using Value Stream Mapping, , Vol 1 Issue 1, 46
5	Jadhav S. G., Dabade Uday A., Dhole D.G., Bali S. C.	National Conference on Recent Trends in Mechanical Engineering	Optimization of Response Variables in High Speed Turning of Inconel 825, Vol 1 Issue 1, 51
6	Atkalikar A. S., Dabade Uday A. , Chougule S. N., Bali S. C.	National Conference on Recent Trends in Mechanical Engineering	Productivity Improvement In Core Making Line By Implementing Automation Process, , Vol 1 Issue 1, 58
7	Mane Abhishek H., Kapase Akash H., Kadam Rupak R., Bhosale Rohit V., Jawale Akshay B.	National Conference on Recent Trends in Mechanical Engineering	Effect of Variations in Feeder Size on Casting Quality, Vol 1 Issue 1, 64
8	Rathod G. R., Sapkal S.U., Chanmanwar R. M.	National Conference on Recent Trends in Mechanical Engineering	Study of Undercut And Surface Roughness in Photo Chemical Machining of Copper By Using Design of Experiments, Vol 1 Issue 1, 70
9	Kharade S. T., Chougule R. G., Todkar M. S.	National Conference on Recent Trends in Mechanical Engineering	Chip Breaker Design for Fine Boring of Long Chipping Materials, Vol 1 Issue 1, 75
10	Patil N. V., Sapkal S. U., Admuthe A. B.	National Conference on Recent Trends in Mechanical Engineering	Welding Parameters Optimization of MMAW for Hardness, Vol 1 Issue 1, 75, Vol 1 Issue 1, 80
11	Bakhle S. J., Dabade Uday A. , Vaidya N.K., Nandikar A. B.	National Conference on Recent Trends in Mechanical Engineering	Resource Planning and Scheduling Model for Automotive Prototype Manufacturing, Vol 1 Issue 1, 85
12	Patil Pradeepkumar , Inamdar K. H.	National Conference on Recent Trends in Mechanical Engineering	A Review on Effect of Various Parameters on Deep Drawing Process, Vol 1 Issue 1, 90
13	Kanake Vikas, Chougule R. G.	National Conference on Recent Trends in Mechanical Engineering	Production Forecasting Using Artificial Neural Network, Regression and Moving Average- A Case Study, Vol 1 Issue 1, 96

14	Karidkar Sunil S., Dabade Uday A.	National Conference on Recent Trends in Mechanical Engineering	The Effects of Process Parameters on Surface Roughness in WEDM, Vol 1 Issue 1, 102
15	Ingle Jaywant Vilasrao, Dhole Deepak G.	National Conference on Recent Trends in Mechanical Engineering	An Experimental Evaluation on Formability of AA7075 Using Single Point Incremental Forming Process, Vol 1 Issue 1, 107
16	Pallod A. J., Dabade Uday A., Pawar M. S.	National Conference on Recent Trends in Mechanical Engineering	Improvement in The Efficiency Of Engine Assembly Workstations Using Quality Tools- A Case Study, Vol 1 Issue 1, 113
17	Gaware M. S., Inamdar K. H., Pawar M. S.	National Conference on Recent Trends in Mechanical Engineering	Reduction in Rejection Rate in Automobile Industry Using DMAIC Methodology – A Case Study, Vol 1 Issue 1, 126
18	Birajdar M. L., Dabade Uday A., Pawar M. S., Gadekar S. G.	National Conference on Recent Trends in Mechanical Engineering	The Use of Statistical Process Control Technique in The Manufacturing Industry - A Case Study, Vol 1 Issue 1, 138
19	Kadam Netaji, Sapkal S. U., Doundkar D. L.	National Conference on Recent Trends in Mechanical Engineering	Productivity Improvement of Aluminium Parts Processing Line in Manufacturing Company, Vol 1 Issue 1, 144
20	Raykar S. J., Dabade Uday A.	National Conference on Recent Trends in Mechanical Engineering	Tool Wear Analysis While Turning Inconel -718 With High Pressure Coolant, Vol 1 Issue 1, 150
21	Joshi A. A. , Sapkal S.U.	National Conference on Recent Trends in Mechanical Engineering	A Review on Value Stream Mapping as Lean Implementation Tool, Vol 1 Issue 1, 166
22	Patil S. S., Deshpande S. P., Dhole D. G.	National Conference on Recent Trends in Mechanical Engineering	Productivity Improvement of Housing Rocker Lever Machining Line: A Case Study, Vol 1 Issue 1, 172
23	Gosavi Sujata, Dabade Uday A., Oswal Mukesh	National Conference on Recent Trends in Mechanical Engineering	Productivity Improvement Using Continuous Assembly Line: A Case Study, Vol 1 Issue 1, 178
24	Patil Tushar B., Pujari Avadhut, Dhole Deepak G.	National Conference on Recent Trends in Mechanical Engineering	A Case Study on Bill of Material Management and Process Simulation of Vise Assembly in Team Center, Vol 1 Issue 1, 184
25	Gaikwad V. M., Chougule Rahul	National Conference on Recent Trends in Mechanical Engineering	A Case Study- Application of Parametric Approach for Component Cost Estimation , Vol 1 Issue 1, 190
26	Chougule S., Chougule R. G., Bali S. C. , Gupta J.	National Conference on Recent Trends in Mechanical Engineering	Productivity Improvement of Machine Shop by Implementing Lean Manufacturing Techniques, Vol 1 Issue 1, 208
27	Satpute Y R., Inamdar K. H.	National Conference on Recent Trends in Mechanical Engineering	Parametric Optimisation of Laser Drilling Process– A Review, Vol 1 Issue 1, 214

28	Karape A. S., Inamdar K. H.	National Conference on Recent Trends in Mechanical Engineering	Review on Casting Defect Analysis and Parameter Optimisation Using Various Techniques, Vol 1 Issue 1, 220
29	Jaiswar A., Inamdar K. H., Pawar M. S.	National Conference on Recent Trends in Mechanical Engineering	Review on Effect of Variables on Resistance Spot Welding, Vol 1 Issue 1, 226
30	Mehata Revati, Kale Arvind	National Conference on Recent Trends in Mechanical Engineering	Improvement of Surface Finish of Turning Operation Using Particle Damper, Vol 1 Issue 1, 232
31	Katarikar R. S, Pawar M. S.	National Conference on Recent Trends in Mechanical Engineering	Outsourcing Decision In Manufacturing Industry by a Developed Expert System -A Case Study, Vol 1 Issue 1, 238
32	Dhankani Y. D., Dhole D.G., Kamlakar S., Mashalkar A.	National Conference on Recent Trends in Mechanical Engineering	Analysis of Deep Drawing Process of Assymmetric Rectangular Part Using ANOVA And Thinning Rate Prediction Using Regression, Vol 1 Issue 1, 254
33	Sawant D. A., Sapkal S. U., Pawar M. S.	National Conference on Recent Trends in Mechanical Engineering	Survey of Heuristic Methods for No-Wait Flow Shop Scheduling Problem, Vol 1 Issue 1, 293
34	Sapkale Snehal, Jagtap Raturaj , Dabade Uday A.	National Conference on Recent Trends in Mechanical Engineering	Ultrasonic Vibration Assisted Electrical Discharge Machining –A Case Study, Vol 1 Issue 1, 298
35	Shirguppikar S. S., Patil M. S., Dabade Uday A., Ganachari V. S.	National Conference on Recent Trends in Mechanical Engineering	Development of Thin Film Coating of CNT for Tools Used in EDM Processes, Vol 1 Issue 1, 304
36	Jadhav Vishwajeet , Chougule Rahul , Shah Ulhas	National Conference on Recent Trends in Mechanical Engineering	Condition Monitoring of Hydraulic Press for Fault Diagnosis and Prognosis, Vol 1 Issue 1, 321
37	Bagal A. B., Wagale S. G., Mujawar S. S., Ghorpade K. D., Gaitonde A. G., Chanmanwar R. M.	National Conference on Recent Trends in Mechanical Engineering	3D Printer Prototype Using Fused Deposition Modelling, Vol 1 Issue 1, 328, Vol 1 Issue 1, 334
38	Jadhav M. R., Dabade Uday A.	National Conference on Recent Trends in Mechanical Engineering	Experimental Investigation on the Effect of Preheating Temperature on Cutting Forces During Machining of Al Alloy And Al/SiCp MMC
39	Mane S. S., More S.	National Conference on Recent Trends in Mechanical Engineering	Implementation of Lean Manufacturing Principles for Cylinder Head Core Shop in Foundry-A Case Study, Vol 1 Issue 1, 341
40	Bhat J. S., Mane S. S.	National Conference on Recent Trends in Mechanical Engineering	Robust and Optimum Gating Design by Simulation: A Case Study, Vol 1 Issue 1, 349
41	Sapkal S. U.,	National Conference on Recent	Electricity Generation by Using

	Mali N. N., Shirke A. C., Kamble S. R., Nanaware S. V., Naikwade P. P.	Trends in Mechanical Engineering	Gym Cycle, Vol 1 Issue 1, 361
42	Patil A. M., Sane N. K., Gawali B. S., Gaikwad J. U., Vaidya K.	National Conference on Recent Trends in Mechanical Engineering	Thermal Performance Validation of Economizer by Using CFD Analysis, Vol 1 Issue 1, 366
43	Thorat S. S., Sane N. K., Gawali B. S., Kabra V., Gawali A.	National Conference on Recent Trends in Mechanical Engineering	Thermal Design of Superheater, Economizer, Reheater and Evaporator in Concentrating Solar Thermal Power Plant, Vol 1 Issue 1, 377
44	Lalwani B. V., Babu P., Sane N. K., Gawali B. S.	National Conference on Recent Trends in Mechanical Engineering	Pressure Drop for Low Pressure (Vacuum) Pure Steam Condensing Inside Smooth Horizontal Tubes, , Vol 1 Issue 1, 382
45	Thengil Sagar , Kumar Naveen, Ghewade D. V., Parishwad G. V.	National Conference on Recent Trends in Mechanical Engineering	Steady State Analysis of a Nuclear Fuel Assembly, Vol 1 Issue 1, 388
46	Dulange Anand, Gawali B. S., Bhadade Vivek.	National Conference on Recent Trends in Mechanical Engineering	Oil Separation Calculation in Single Compressor Chiller, Vol 1 Issue 1, 437
47	Ambulgekar S. D., Gawali B. S., Sane N. K., Kabra V., Gawali A.	National Conference on Recent Trends in Mechanical Engineering	Design and Analysis of High Pressure Feedwater Heater, Vol 1 Issue 1, 444
48	Sonkamble Ashvin, Kumar Naveen , Sane N. K., Gawali B. S.	National Conference on Recent Trends in Mechanical Engineering	Transient Behavior of Flow for High Pressure Natural Circulation System, Vol 1 Issue 1, 450
49	Chougule S. R., Ghewade D. V., Gawali B. S.	National Conference on Recent Trends in Mechanical Engineering	Alternative Dry Gas Seals And O- Ring Design For Oil Free Compressor, Vol 1 Issue 1, 456
50	Khanapure Harshal, Gawali B. S., Sane N. K., Pawale R. S.	National Conference on Recent Trends in Mechanical Engineering	Pressure Drop And Flow Distribution in Z Type Arrangement, Vol 1 Issue 1, 462
51	Damkonde P. P., Joshi M. S.	National Conference on Recent Trends in Mechanical Engineering	Performance Improvments in Multistage Multielevator Refrigeration System Using Helical Coil Heat Exchanger as Intercooler, Vol 1 Issue 1, 467
52	Bhagare Vishal , Joshi M. S.	National Conference on Recent Trends in Mechanical Engineering	Performance Analysis of Central Air Conditioning Plant for Seminar Hall, Vol 1 Issue 1, 481
53	Korhalkar Akshay, Gawali B. S.	National Conference on Recent Trends in Mechanical Engineering	Experimental Analysis of Compressor for Pulse Tube Cryocooler, Vol 1 Issue 1, 491
54	Madrewar R. R , Joshi M. S.	National Conference on Recent Trends in Mechanical	Exergy Analysis of Aqua Ammonia Vapour Absorption

		Engineering	System Components, Vol 1 Issue 1, 497
55	Ghewade D. V., Nagarale S. S., Pandav A. N.	National Conference on Recent Trends in Mechanical Engineering	Analysis and Reduction of Heat Generation in Meshing Gears, Vol 1 Issue 1, 512
56	Mane V. M., Ghewade D. V.	National Conference on Recent Trends in Mechanical Engineering	Quality Improvement In Design Process of Shell & Tube Type Heat Exchanger by Computer Integrated 3D Modeling, Vol 1 Issue 1, 517
57	Dabade S. P., Gajendragadkar Jayant.	National Conference on Recent Trends in Mechanical Engineering	Design, Modelling and CFD Analysis of Submersible Vertical Turbine Pump (Polder Pump), Vol 1 Issue 1, 542
58	Desai Kedar, Kale Arvind, Paranjpe Amar.	National Conference on Recent Trends in Mechanical Engineering	Finding the Location of Unbalance in Single Trial Run, Vol 1 Issue 1, 553
59	Sutar Vikram, Chavan. S. P., Patil. N. N.	National Conference on Recent Trends in Mechanical Engineering	Design of Radially Split Double Suction Double Stage Centrifugal Pump, Vol 1 Issue 1, 574
60	Mujawar Shoeb, Nagose Rajesh, Kale Arvind.	National Conference on Recent Trends in Mechanical Engineering	A Review on Life Prediction in Creep-Fatigue Interaction and Tools, Vol 1 Issue 1, 580
61	Rukade Akshaykumar, Limaye S. H.	National Conference on Recent Trends in Mechanical Engineering	Design and Development of Engine Operated Mini Cultivator and Weed Controller, Vol 1 Issue 1, 619
62	Olekar Martand, Patwardhan M.B., Ramdurgkar B.	National Conference on Recent Trends in Mechanical Engineering	Design and Analysis of Pressure Vessel, Vol 1 Issue 1, 623
63	Chougale Rajesh, Limaye S. H.	National Conference on Recent Trends in Mechanical Engineering	Experimental Setup to Study Flow Induced Vibrations Through Straight Pipes, Vol 1 Issue 1, 627
64	Salunkhe R. R., Limaye S. H.	National Conference on Recent Trends in Mechanical Engineering	Design and Development of Hydraulically Operated Ball Bearing Radial and Axial Clearance Test Rig, Vol 1 Issue 1, 633
65	Kulkarni Pranav, Patwardhan M.B., Patil Santosh.	National Conference on Recent Trends in Mechanical Engineering	A Review on Axial Thrust Prediction Approaches in Centrifugal Pump, , Vol 1 Issue 1, 636
66	Pawar Rohit, Limaye S.H.	National Conference on Recent Trends in Mechanical Engineering	Performance Analysis of Vibratory Conveyor Driven By Spring Aided Elastic Connecting Rod, Vol 1 Issue 1
67	Patil Ashvin, S. S. Mane	National Conference on Recent Trends in Mechanical Engineering	Analysis of Ride Quality for off Road Vehicle By Modifying the Seat Suspension Vol 1 Issue 1, 643
68	Gaikwad Uday Gajanan, Gajendragadakar J. G.	National Conference on Recent Trends in Mechanical Engineering	Inline Engine Force Balancing for Reduction of NVH, , Vol 1 Issue 1, 649

69	Pisotre Manjunath, Khot M. M., Patil Nilesh.	National Conference on Recent Trends in Mechanical Engineering	Performance Prediction and Validation of Api Bb4 Pump Using CFD, Vol 1 Issue 1, 682
70	Kadam Abhijit, Mane Shirish.	National Conference on Recent Trends in Mechanical Engineering	Design and Development of Vibratory Bowl Feeder System, Vol 1 Issue 1, 692
71	Bille Suhas, Chavan S. P.	National Conference on Recent Trends in Mechanical Engineering	Theoretical And Experimental Analysis of Variable Wire Diameter, Variable Pitch Helical Compression Spring in Context With Transmissibility, Vol 1 Issue 1, 701
72	Bande Mayur, Wadkar Suresh, Khot Maruti.	National Conference on Recent Trends in Mechanical Engineering	Design, Analysis of Flexure Bearing For Linear Compressor, Vol 1 Issue 1, 706
73	Dahe Sangram, Limaye S. H.	National Conference on Recent Trends in Mechanical Engineering	Design, Analysis of Two Axis Vibration Testing, Vol 1 Issue 1, 712
74	Jadhav Dhiraj, Wadkar S. B.	National Conference on Recent Trends in Mechanical Engineering	Design of Boiler Support Structure Using Is 800:2007 Code, Vol 1 Issue 1, 723
75	Kaldhone Priyanka N., Bhandare Aparna A., Patil Sampada S., Shelake Anagha S., Nimsakhare S. S.	National Conference on Recent Trends in Mechanical Engineering	Design and Fabrication of Rotating Beam Fatigue Testing Machine, Vol 1 Issue 1, 728
76	Dhende Shakti, Khot M. M., Patil N. N.	National Conference on Recent Trends in Mechanical Engineering	Design and Performance Analysis of Vertically Suspended Centrifugal Pump, Vol 1 Issue 1, 733
77	Dumada Santosh, Khot. M.M., Kale. A.K.	National Conference on Recent Trends in Mechanical Engineering	Design, Development and Testing of Un-Lubricated Mechanical Seal for Reciprocating Compressor, Vol 1 Issue 1, 739
78	Shinde Abhijeet, Biradar Sagar, Chumble R. P.	National Conference on Recent Trends in Mechanical Engineering	Analysis of Ideal Two Degree Freedom Spring Mass Damper System Using Matlab, Vol 1 Issue 1, 744
79	Kudmate Nilesh, Chumble R. P.	National Conference on Recent Trends in Mechanical Engineering	Dynamic Performance Analysis of A Spring Mass DVA And Cantilever DVA, Vol 1 Issue 1, 748
80	Kadam Aniket, Wadkar Suresh.	National Conference on Recent Trends in Mechanical Engineering	Vibration Study of Self Aligning Ball Bearing in Presence of Localized Defects on Races, Vol 1 Issue 1, 754
81	Mulla Jahid, Kulkarni Shriram. K., Wadkar S. B.	National Conference on Recent Trends in Mechanical Engineering	Transmission Noise and Vibration Refinement by Theoretical and Experimental Tools, Vol 1 Issue 1, 759
82	Patil Ramsing K.,	National Conference on Recent	Study and Investigation of

	Wadkar S. B.	Trends in Mechanical Engineering	Application Mountings and its Arrangement on Chassis, Vol 1 Issue 1, 765
83	Mahadik S., Ghewade D. V., Yadav.	National Conference on Recent Trends in Mechanical Engineering	Equipment Performance Improvement Through Vibration Analysis in Sugar Plant, Vol 1 Issue 1, 770
84	Patil Suraj, Gajendragadkar Jayant.	National Conference on Recent Trends in Mechanical Engineering	A Study of Static and Dynamic Characteristic of Helical Compression Springs With Varying Wire Diameter, Vol 1 Issue 1, 781
85	Mane Pravin, Garad Sneha, Shinde Sheetal, Lohakare Pranjali, Jagtap Nikita	National Conference on Recent Trends in Mechanical Engineering	Design, Development and Manufacturing of Domestic Water Flow Meter and its Test Rig, Vol 1 Issue 1, 791
86	Uday A. Dabade and Mahesh Jadhav	ASME 2016 International Mechanical Engineering Congress & Exposition (IMECE 2016),	Modelling and Simulation of Al/SiCp MMCs during Hot Machining
87	Uday A. Dabade and Sunil Karidkar	ASME 2016 International Mechanical Engineering Congress & Exposition (IMECE 2016)	Finite Element Modeling and Simulation of Inconel 718 using WEDM”,
88	Uday A. Dabade, Suraj Raghunath Babar, Kamlesh Joshi, Pradeep Dixit	6th International and 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR)	Optimization of Wire Electrical Discharge Machining (WEDM) Parameters for Slicing of Polycrystalline Silicon Ingots using Taguchi Grey Relational Analysis
89	Uday A. Dabade, Prasanna B. Chougule, Rakesh G. Mote	6th International and 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR)	An experimental Investigation into Carbon Nanofiber Assisted (CNF) Micro-Electro Discharge Machining (μ EDM) of Ti-6Al-4V Alloy,
90	Uday A. Dabade, Rahul M. Raut, and D. G. Dhole	1st International Conference on Materials, Manufacturing and Design Engineering (ICMMD 2016)	Setup Time Reduction Using SMED Technique: A Case Study,
91	Uday, A. Dabade and Sunil J, Raykar	1st International Conference on Materials, Manufacturing and Design Engineering (ICMMD 2016) organised by DBATU	Optimization of High Pressure Assisted Turning of Inconel 718 Using Topsis,
92	Rhaturaj Jagtap and Uday Dabade	International Conference on Emerging Trends in Engineering, Technology and Architecture (iCETETA-17)	A Review and Case study on Reverse micro-Electrical Discharge Machining Process,
93	Tejas Kolte and Uday Dabade	International Conference on Emerging Trends in Engineering, Technology and Architecture (iCETETA-17)	Machine Operational Availability Improvement by Implementing Effective Preventive Maintenance Strategies – A Review and Case

			Study,
94	G.R. Rathod, S.U. Sapkal, R.M. Chanmanwar	International conference on Advanced Materials, Manufacturing, Management and Thermal Sciences during 23rd to 24th September 2016 at SIT, Tumkuru.	Multi-Objective Optimization of Photochemical Machining by Using GRA”,
95	Sarvadnya V. Gandhi, R. M. Chanmanwar, Sagar U. Sapkal	International conference on Materials, Manufacturing and Design Engineering at Dr. Babasaheb Ambedkar Technological University, Lonere,	Analysis of Micro-texture Geometrical Deviations in Wet Chemical Machining”, Page 396, 2016.
96	Dr. M. M Khot, Anurag Gumaste	20 th international conference on progress in production, mechanical automobile (ICPMAE-2016	Design and development of step climbing wheel chair, pp-1-4
97	D.A. Sawant, S.U. Sapkal, and M.S. Pawar	International Conference on Advanced Technologies for Societal Applications, Techno-Societal 2016, SVERISCoE, Pandharpur	Application of heuristic methods for solving flow shop scheduling problems
98	Gajanan Gaikwad, Kedar Inamdar	National Conference of Mechanical Engineering in new decade at GCE Karad	Effect of Process Parameter on Quality of Seam Welded AISI 304L 2017

Details of Research Publications in Journal 2016-17

S.No.	Name of the Publisher	Publication details
1	Uday A. Dabade and Sunil S. Karidkar	Analysis of Response variables in WEDM of Inconel - 718 using Taguchi Technique, Procedia CIRP, 48th CIRP conference on MANUFACTURING SYSTEMS, 41, 2016, pp 886 – 891
2	Uday A. Dabade, Amar Bhandare	Experimental Investigations during Dry EDM of Inconel-718, iMEC-APCOMS 2015/IOP Conf. Series: Materials Science and Engineering, 114(012035),2016 doi:10.1088/1757-899X/114/1/012035
3	Uday A. Dabade, Mahesh R Jadhav	Experimental Analysis of Al/SiCp Metal-Matrix Composites during Hot Machining”, Procedia CIRP, 48th CIRP conference on MANUFACTURING SYSTEMS, 41, 2016, pp 914 – 919
4	Uday A. Dabade, Mahesh R Jadhav	Multi-Objective Optimization in Hot Machining of Al/SiCp Metal Matrix Composites”, iMEC-APCOMS 2015 / IOP Conf. Series: Materials Science and Engineering, 114 (012122), 2016 doi:10.1088/1757-899X/114/1/012122
5	Uday A. Dabade Sunil S. Karidkar	Experimental Investigation and Optimization of Response Variables in WEDM of Inconel – 718”, iMEC-APCOMS 2015/IOP Conf. Series: Materials Science and Engineering, 114 (012121), 2016 doi:10.1088/1757-899X/114/1/012121
6	Uday A. Dabade and Sunil S. Karidkar	Analysis of Response variables in WEDM of Inconel - 718 using Taguchi Technique”, Procedia CIRP 41 (2016), 48th CIRP conference on MANUFACTURING SYSTEMS (CIRP CMS 2015), pp 886 – 891.
7	Uday A. Dabade and Mahesh R Jadhav	Experimental Analysis of Al/SiCp Metal-Matrix Composites during Hot Machining, Procedia CIRP 41 (2016), 48th CIRP Conference on MANUFACTURING SYSTEMS (CIRP CMS 2015), pp 914 – 919.
8	Uday A. Dabade and Sunil J. Raykar,	Investigation of High Pressure Coolant Assisted Turning of Inconel 718 Using Taguchi and RSM Based Desirability Function, CMTI, Manufacturing Technology Today, Vol 15, No 9 (2016), pp. 22-30
9	Sarvadnya V. Gandhi, Rahul M. Chanmanwar, Sagar U. Sapkal	Analysis of Micro-texture Geometrical Deviations in Wet Chemical Machining”, Advances in Intelligent Systems Research, Atlantis Press, Vol. 137, Page 142-147, 2017.
10	Laxmi A. Bewoor, V.Chandra Prakash, Sagar U. Sapkal	Comparative Analysis of Metaheuristic Approaches for m-Machine No Wait FlowShopScheduling for minimizing Total FlowTime with Stochastic Input, International Journal of Engineering and Technology (IJET), Vol. 8, No. 6, pp. 3021-3026
11	Laxmi A. Bewoor, V. Chandra Prakash and Sagar U. Sapkal	Comparative Analysis of Metaheuristic Approaches for Makespan Minimization for No Wait Flow Shop Scheduling Problem,International Journal of Electrical and Computer Engineering (IJECE), Vol. 7, No. 1, pp. 417-423
12	G.R. Rathod, S.U. Sapkal and R.M. Chanmanwar	Mult-objective optimization of photochemical machining by using GRA, Materials Today: Proceedings, Vol. 4, No. 10, pp. 10830-10835,
13	Gandhi Sarvdnya V., Chanmanwar Rahul M. and Sapkal Sagar	Analysis of Micro-texture Geometrical Deviations in Wet Chemical Machining, Advances in Intelligent System Research, Vol. 137, pp.142-147

14	Yogesh R. Satpute, K. H. Inamdar	An Investigation of CO ₂ Laser Drilling on SS316, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 3, Issue no. 6, June 2016
15	Pradipkumar Patil, K. H. Inamdar	Study of effect of various parameters on Thinning tendency in Deep Drawing using Simulation, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 3, Issue no. 6, June 2016
16	Amol S. Karape, K. H. Inamdar	Casting Defects Analysis and Parameter Optimisation through ANOVA, Journal of Emerging Technologies and Inovative Research (JETIR), Vol. 3, Issue no. 6, June 2016
17	S. S. Pawar K. H. Inamdar	Experimental Analysis of Plasma Arc Cutting Process for S. S. 316L Plates, Journal of Mechanical and Civil Engineering, E-ISSN 2278-1684. P-ISSN 2320-334X PP 75-80
18	M. N. Jadhav K. H. Inamdar	Numerical Optimization of Grey C. I. Casting Using Simulation, Journal of Mechanical and Civil Engineering
19	Gajanan Gaikwad, Kedar Inamdar	Effect of Process Parameter on Quality of Seam Welded AISI 304L, Journal of Advanced in Science and Tech, Volume 13 Issue No 1 2017
20	A S. Chahare, K. H. Inamdar	Optimization of Aluminium Extrusion Process Using Taguchi Method, Journal of Mechanical and Civil Engineering, E-ISSN 2278-1684. P-ISSN 2320-334x PP 61-65
21	S. S. Pawar, K. H. Inamdar	Experimental Analysis of Plasma Arc Cutting Process for S. S. 316L Plates, Journal of Mechanical and Civil Engineering, E-ISSN 2278-1684. P-ISSN 2320-334X PP 75-80
22	A S. Chahare, K. H. Inamdar	Optimization of Aluminium Extrusion Process Using Taguchi Method, Journal of Mechanical and Civil Engineering, E-ISSN 2278-1684. P-ISSN 2320-334x PP 61-65
23	G. S. Gaikawad K. H. Inamdar	Parametric Optimization of Seam Welded A.I.S.I. 1050 Mild Steel for Nugget Width, International Journal of Innovation Research in Science Engineering and Technology, Volume 6 Issue No 5 2017
24	Shridhar Thorat, N. K. Sane, B S Gawali, Vinykumar Kabra, Ajit Gawali	Thermal Design of Shell and Tube Heat Exchanger for Concentrating Solar Power Application, International Journal of Current Engineering and Technology, E-ISSN 2277-4106. 2016
25	Jitenra D Patil, B. S. Gawali	Experimental Investigation of heat transfer enhancement factors in the oscillating flow heat exchanger using Kurzweg's and Nishio's Correlations, Experimental Thermal and Fluid Science Journal, Elsevier, (2017) 37-46 2016
26	Jitendra D Patil, B. S. Gawali	Experimental Study of Heat Transfer Characteristics in Oscillating Fluid Flow in Tube, A Journal of Thermal Energy Generation, Transport, Storage and Conversion , ISSN: 0891-6152 1521-0480 2016
27	Pravin Mumbare, A. J. Gujar, Rahul Chanmanwar	Process Parameter Optimization of Photochemical Machining for ASME 316 Steel, International Journal of Engineering Trends and Technology (IJETT), Vol. 37, No. 4, pp. 206-210, 2016.
28	Prof. S. A. Wani, Prof. P. S. Pol, Prof. P. A. Mane, Mrs. S. P. Mane	Experimental Investigation of Natural Convection Heat Transfer from a Blackened V-fin Array, International Journal of Advance Research in Science and Engineering, Vol. 5, Issue No. 10, pp. 451-456, 2016.

Details of Research Publications in Conference 2017-18

S.No.	Name of the Publisher	Name of conference	Publication details
1	Savale Y.V., Dabir J.M.	National Conference on Recent Trends in Mechanical Engg - 2017,	Breakdown Analysis and Improvement in Preventive Maintenance on FMS Cell, Vol 1 Issue 1, 07
2	Shinge A.R., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	A Review on Micro-Channel Manufacturing by Micro-Milling Process, , Vol 1 (1), 30 ISBN: 978 - 81- 931546-5-6
3	Jagtap P.S., Sapkal S.U.	National Conference on Recent Trends in Mechanical Engg - 2017	Investigation on Micro EDM Drilling Process for MRR of Titanium Alloy, , Vol 1 (1), 36 ISBN: 978 - 81- 931546-5-6
4	Shendage H.S., Sapkal S.U.	National Conference on Recent Trends in Mechanical Engg - 2017	Application of Meta-Heuristics for Permutation Flow Shop Scheduling, Vol 1 (1), 42 ISBN: 978 - 81- 931546-5-6
5	Salunkhe V.P., Sapkal S.U., Gurav K.V.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Development of Fixture for Lapping Machine Concept Testing, , Vol 1 (1), 48 ISBN: 978 - 81- 931546-5-6
6	Pawar V.T, Pawar M.S., Sapkal S.U.	National Conference on Recent Trends in Mechanical Engg - 2017	Variant Computer Aided Process Planning (CAPP) for Machining Process, Vol 1 (1), 54 ISBN: 978 - 81- 931546-5-6
7	Muke A.G., Sapkal S.U.	National Conference on Recent Trends in Mechanical Engg - 2017	Analysis of Micro Ball End Milling Process for Surface Roughness Using Vegetable Oils as Coolants, Vol 1 (1), 60 ISBN: 978 - 81- 931546-5-6
8	Kodle S.K., Khilare S., Chougule P.B., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Process Improvement Through Capability Analysis: A Case Study in an Engine Valve Manufacturing Unit, Vol 1 (1), 66 ISBN: 978 - 81- 931546-5-6
9	Kolte T.S., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Multicriteria Inventory Model for Machine Spares Classification Using Criticality Analysis: A Case Study, , Vol 1 (1), 73 ISBN: 978 - 81- 931546-5-6
10	Jagtap R.B., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Experimental Investigation of Reverse Micro-EDM During Manufacturing of Micro-Pins, Vol 1 (1), 80, ISBN: 978 - 81- 931546-5-6
11	Sonawane A.B., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Reduction of Breakdowns in Manufacturing Industry Using Root Cause Analysis, Vol 1 (1), 86

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12	Sapkale S.C., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Effect of Dielectric Fluid in Wire Electrical Discharge Machining (WEDM), Vol 1 (1), 93 ISBN: 978 - 81- 931546-5-6
13	Pawar P.B., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Optimization of AISI D2 Steel Turning Process Using Response Surface Methodology, Vol 1 (1), 99, ISBN: 978 - 81- 931546-5-6
14	Nanadi S.M., Dhole D.G., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Reliability Improvement of Valve Seat and Valve Guide Assembly Machine Through Alternate Design, Vol 1 (1), 119, ISBN: 978 - 81- 931546-5-6
15	Raut R.M., Dhole D.G., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Setup Time Reduction Using SMED Technique, Vol 1 (1), 125 ISBN: 978 - 81- 931546-5-6
16	Sajid M.R. Shaikh, Dhole D.G., Pawar M.S.	National Conference on Recent Trends in Mechanical Engg - 2017	Optimization of Process Parameters in Electro Discharge Machining of Tungsten Carbide, Vol 1 (1), 131 ISBN: 978 - 81- 931546-5-6
17	Patil I.B., Dhole D.G., Pawar M.S.	National Conference on Recent Trends in Mechanical Engg - 2017	Parametric Optimizatoin of TIG Welding for Dissimilar Metals by Using Taguchi Methods, Vol 1 (1), 137, ISBN: 978 - 81- 931546-5-6
18	Thakre D.D., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Plant Layout Design: Comparative Study of QAP and CRAFT Techniques, Vol 1 (1), 149, ISBN: 978 - 81- 931546-5-6
19	Manchalwad V.R., Pawar M.S., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Implementation of Lean Manufacturing in Medium Scale Industry, Vol 1 (1), 155, ISBN: 978 - 81- 931546-5-6
20	Swami S., Pawar M.S., Chanmanwar R.M.	National Conference on Recent Trends in Mechanical Engg - 2017	Reduction in Foundry Rejection Using Six Sigma Implementation, Vol 1 (1), 161, ISBN: 978 - 81- 931546-5-6
21	Chougule S.P., Dhole D.G., Sapkal S.U.	National Conference on Recent Trends in Mechanical Engg - 2017	Development of Automation System for Degating and Water Conditioning of Plastic Injection Moulded Part Ring Gear, Vol 1 (1), 181, ISBN: 978 - 81- 931546-5-6
22	Choudhari K.K., Chougule P.B., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	To Study the Effect of Applied Stresses on Low Temperature Sensitization of Type 304 SSS, Vol 1 (1), 199, ISBN: 978 - 81- 931546-5-6
23	Chahare A.S., Inamdar K.H.	National Conference on Recent Trends in Mechanical Engg -	Reduction in Weight of Extrude by Optimization of Process

		2017	Parameters in Aluminium Extrusion, Vol 1 (1), 211, ISBN: 978 - 81- 931546-5-6
24	Pawar S.S., Inamdar K.H.	National Conference on Recent Trends in Mechanical Engg - 2017	Optimization of HAZ in Plasma Arc Cutting Process by Using Taguchi Method, Vol 1 (1), 216, ISBN: 978 - 81- 931546-5-6
25	Jadhav M.N., Inamdar K.H.	National Conference on Recent Trends in Mechanical Engg - 2017	Application of DoE for Optimization of Casting Process Parameters, Vol 1 (1), 222, ISBN: 978 - 81- 931546-5-6
26	Gaikwad G.S., Inamdar K.H.	National Conference on Recent Trends in Mechanical Engg - 2017	Optimization of Seam Welding Process Parameters for Tensile Strength of AISI 1015 Mild Steel, Vol 1 (1), 228, ISBN: 978 - 81- 931546-5-6
27	Harwalakar B.S., Chougule P.B., Dabade U.A.	National Conference on Recent Trends in Mechanical Engg - 2017	Effect of Surface Working Operations (Cold Work) on Surface Integrity Parameter and Crack Initiation in Austenitic Stainless Steel: A Review, Vol 1 (1), 251, ISBN: 978 - 81- 931546-5-6
28	Gandhi S.V., Patil O.S., Rathod R.P., Chanmanwar R.M.	National Conference on Recent Trends in Mechanical Engg - 2017	Optimization of Photochemical Machining on SS316L, Vol 1 (1), 315, ISBN: 978 - 81- 931546-5-7
29	Bhaskar S.E., Pawar M.S., Inamdar K.H.	National Conference on Recent Trends in Mechanical Engg - 2017	Implementation of Kaizen in Medium Scale Industry for Productivity Improvements, Vol 1 (1), 321, ISBN: 978 - 81- 931546-5-7
30	Trivedi Ruturaj, Kale A.K.	National Conference on Recent Trends in Mechanical Engg - 2017	Failure Analysis of Overhead Conveyer System, Vol 2 (1), 20, ISBN: 978 - 81- 931546-6-3
31	Lokare Amol, Patavardhan M.B.	National Conference on Recent Trends in Mechanical Engg - 2017	Design Analysis of Orthopaedic Operation Table, Vol 2 (1), 32 ISBN: 978 - 81- 931546-6-3
32	Shelar Amol, Admuthe A.B., Patwardhan K.N.	National Conference on Recent Trends in Mechanical Engg - 2017	Design of Servo Motor Operated Slide with Linear Motion Guideways and Ballscrew, Vol 2 (1), 54, ISBN: 978 - 81- 931546-6-3
33	Pawar J.D., Limaye S.H.	National Conference on Recent Trends in Mechanical Engg - 2017	Derivation of Actuating Force Required for Different Configurations of Scissor Lift and Verification of Results Using ANSYS Rigid Dynamics and Experimental Method, Vol 2 (1), 60, ISBN: 978 - 81- 931546-6-3
34	Waikande Y.M., Dhende V.V., Chavan S.P.	National Conference on Recent Trends in Mechanical Engg - 2017	Determination and Comparison of Stress Intensity Factor of Notched Round Bar Using Theoretical and

			ANSYS Workbench Analysis, Vol 2 (1), 66, ISBN: 978 - 81- 931546-6-3
35	Kumbhar A.M., Pawar S.A., Kumbhar S.M., Raut S.D., Neve A.V., Sapkal S.U.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Fabrication of Plastic Waste Recycling Machine, Vol 2 (1), 72, ISBN: 978 - 81- 931546-6- 3
36	Kudapane S.A, Joshi S.G.	National Conference on Recent Trends in Mechanical Engg - 2017	Analysis of Steel and Fibre Reinforced Polymer (FRP) Leaf Springs Under Static and Fatigue Loading, Vol 2 (1), 78, ISBN: 978 - 81- 931546-6-3
37	Chaudhari Vijay, Khot M.M., Patwardhan K.N.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Analysis of 4 Position Rotary Indexing Table, Vol 2 (1), 84, ISBN: 978 - 81- 931546-6-3
38	Kumbhar S.P., Chavan S.P., Limaye S.H.	National Conference on Recent Trends in Mechanical Engg - 2017	Fault Diagnosis of Rolling Element Bearing Using Vibration Signature Analysis, Vol 2 (1), 90, ISBN: 978 - 81- 931546-6-3
39	Godase S.R., Limaye S.H.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Analysis of Test Setup to Measure Vibration in Clutch Release Bearing, Vol 2 (1), 101, ISBN: 978 - 81- 931546-6-3
40	Shelke R.K., Chavan S.P.	National Conference on Recent Trends in Mechanical Engg - 2017	Vibration Signature Analysis of Loosely Installed Antifricition Bearing in Association with Coupling Misalignment, Vol 2 (1), 107, ISBN: 978 - 81- 931546-6-3
41	Pundkare D.B., Dhende V.V., Chavan S.P.	National Conference on Recent Trends in Mechanical Engg - 2017	Vibration Analysis for Fault Diagnosis of Gearbox by Spectrum and Cepstrum Method, Vol 2 (1), 113, ISBN: 978 - 81- 931546-6-3
42	Birajdar S.L., Chavan S.P.	National Conference on Recent Trends in Mechanical Engg - 2017	Some Studies on Dynamic Response of Cantilever Structural Members with and without Elastomeric Lining, Vol 2 (1), 120, ISBN: 978 - 81- 931546-6-3
43	Naikwade Saurabh, Kale A.K., Kulkarni Jagajeet	National Conference on Recent Trends in Mechanical Engg - 2017	Optimization of Critical Components of Dry-Type Leakage Test Rig Using ANSYS, Vol 2 (1), 126, ISBN: 978 - 81- 931546-6-3
44	Watpade P.S., Kumbhar S.B., Chavan S.P.	National Conference on Recent Trends in Mechanical Engg - 2017	Magnetorheological Elastomer Based Adaptive Tuned Vibration Absorber, Vol 2 (1), 132, ISBN: 978 - 81- 931546-6-3
45	Kanase S.J., Limaye S.H.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Development of Pressure Pulsation Test Rig for Radiator, Vol 2 (1), 139, ISBN: 978 - 81- 931546-6-3

46	Chavan M.M., Chavan S.P., Kulkarni Milind	National Conference on Recent Trends in Mechanical Engg - 2017	Modification in Existing Raisin Grading Machine for Improvement in Performance, Vol 2 (1), 145, ISBN: 978 - 81- 931546-6-3
47	Shivarkar D.K., Chavan S.P., Patil N.N.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Analysis of Rotor Assembly of Ring Section Multistage Pump, Vol 2 (1), 151 ISBN: 978 - 81- 931546-6-3
48	More Vikram, Khot M.M.	National Conference on Recent Trends in Mechanical Engg - 2017	Experimental Investigation of Viscous Force in Linear Motor Compressor, Vol 2 (1), 158, ISBN: 978 - 81- 931546-6-3
49	Biradar S.S., Pati A.P.	National Conference on Recent Trends in Mechanical Engg - 2017	Stress Corrosion Cracking Behaviour of Aluminium Alloy Using Constant Load Method: A Review, Vol 2 (1), 164, ISBN: 978 - 81- 931546-6-3
50	Garud Prateek, Khot M.M.	National Conference on Recent Trends in Mechanical Engg - 2017	Review of Flexure Bearing for Linear Motor Compressor, Vol 2 (1), 169, ISBN: 978 - 81- 931546-6-3
51	Deshinge Digvijay, Kale Arvind, Roy Sajal	National Conference on Recent Trends in Mechanical Engg - 2017	A Review On Three-Dimensional Advanced Composite Isotruss Structure, Vol 2 (1), 175 ISBN: 978 - 81- 931546-6-3
52	Mandave Sagar, Joshi S.G., Kulkarni Sachin	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Development of a Dust Chamber for Validation of Seals against Dust Ingression, Vol 2 (1), 181 ISBN: 978 - 81- 931546-6-3
53	Kulkarni A.S., Gajendragadakar J.G., Patil Abhijit	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Analysis of Horizontal Split Elbow Type Pump, Vol 2 (1), 188 ISBN: 978 - 81- 931546-6-3
54	Shinde Abhijit, Paranjpe A.U., Patwardhan K.N.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Analysis of Adjustable Centre Distance Multi-Spindle Drilling Head, Vol 2 (1), 195, ISBN: 978 - 81- 931546-6-3
55	Shah A.B., Gurav S.P., Joshi S.G.	National Conference on Recent Trends in Mechanical Engg - 2017	Stress and Fatigue Life Analysis of Heavy Duty Truck Steering Axle, Vol 2 (1), 208 ISBN: 978 - 81- 931546-6-3
56	Patil S.S., Gurav S.P., Joshi S.G.	National Conference on Recent Trends in Mechanical Engg - 2017	Static Analysis of FRP Driveshaft of a Typical Ground Vehicle, Vol 2 (1), 214, ISBN: 978 - 81- 931546-6-3
57	Patil S.D., Patwardhan M.B.	National Conference on Recent Trends in Mechanical Engg - 2017	Modal Analysis of Fuel Filter with Varying Head Height, Vol 2 (1), 220 ISBN: 978 - 81- 931546-6-3
58	Kapse K.R.,	National Conference on Recent	Design of Online Pulse Jet Fabric

	Patwardhan M.B.	Trends in Mechanical Engg - 2017	Filter Used for The Filtering of Dust Laden Gas, Vol 2 (1), 226 ISBN: 978 - 81- 931546-6-3
59	Navagire Suraj, Khot M.M., Patwardhan K.N.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Analysis of Hydraulically Operated Quill Feed Unit for Drilling Machine, Vol 2 (1), 245 ISBN: 978 - 81- 931546-6-3
60	Jadhav A.B., Kale A.K.	National Conference on Recent Trends in Mechanical Engg - 2017	Design of Pulse Jet Bag Filter Used for Particulate Emission Control, Vol 3 (1), 13 ISBN: 978 - 81- 931546-7-0
61	Hase D.R., Sane N.K., Ghewade D.V., Pundlik N.S.	National Conference on Recent Trends in Mechanical Engg - 2017	Effect of Thermal Conductivity on Heat Augmentation using Flow Divider Inserts in Forced Convection, Vol 3 (1), 31 ISBN: 978 - 81- 931546-7-0
62	Kolapkar G.V., Ghewade D.V., Pawar S.G., Daflapurkar M.D.	National Conference on Recent Trends in Mechanical Engg - 2017	Study Paper on Improvement in Diesel Engine Testing through Cold Testing by Capturing the Issues Related with Performance of Engine, Vol 3 (1), 37 ISBN: 978 - 81- 931546-7-0
63	Joshi O.P., Pawar S.G., Daflapurkar M.D., Joshi M.S.	National Conference on Recent Trends in Mechanical Engg - 2017	Study of Engine Test Bed System and Environment to Reduce the Effect of Engine Testing for Endurance Cycle, Vol 3 (1), 43 ISBN: 978 - 81- 931546-7-0
64	Chavan Y.M., Sane N.K., Gawali B.S., Kumar N.B.	National Conference on Recent Trends in Mechanical Engg - 2017	Investigations on Start-Up Behaviour of Natural Circulation System, Vol 3 (1), 50 ISBN: 978 - 81- 931546-7-0
65	Salunkhe S.D., Gawali B.S., Sane N.K., Kulkarni H, Kulkarni S.	National Conference on Recent Trends in Mechanical Engg - 2017	Selection of Appropriate Turbulence Modelling in CFX for High Pressure Steam in Throttling Calorimeter Vessel, Vol 3 (1), 56 ISBN: 978 - 81- 931546-7-
66	Kumbhar P.C., Gawali B.S., Sane N.K.	National Conference on Recent Trends in Mechanical Engg - 2017	Experimental Analysis of Thermosyphon Heat Pipe Implemented in Reciprocating Compressor, Vol 3 (1), 62 ISBN: 978 - 81- 931546-7-0
67	Jadhav V.L., Ghewade D.V., Sane N.K., Pawale S.B.	National Conference on Recent Trends in Mechanical Engg - 2017	Design and Simulation of Radiant Section of Box Type Fired Heater, Vol 3 (1), 67 ISBN: 978 - 81- 931546-7-0
68	Tambe A., Joshi S.G.	National Conference on Recent Trends in Mechanical Engg - 2017	Development of Tool for Sizing and Rating of Radiator Core, Vol 3 (1), 73, ISBN: 978 - 81- 931546-7-0
69	Kamble S.D.,	National Conference on Recent	An Assessment of Pressure Drop

	Parishwad G.V., Sane N.K., Kumar N.	Trends in Mechanical Engg - 2017	Correlation for Natural Circulation System, Vol 3 (1), 79 ISBN: 978 - 81- 931546-7-0
70	Surve K.D., Joshi M.S., Chavan A.	National Conference on Recent Trends in Mechanical Engg - 2017	Evaluation of Performance Characteristics of Nozzle Design for Single Stage Steam Turbine, Vol 3 (1),90 ISBN: 978 - 81- 931546-7-0
71	Kalwa S.S., Sane N.K., Gawali B.S.	National Conference on Recent Trends in Mechanical Engg - 2017	Experimental Analysis of Shell and Tube Heat Exchanger by Using Cross Baffle, Vol 3 (1), 96 ISBN: 978 - 81- 931546-7-0
72	Patil N.S., Sane N.K., Gawali B.S., Babu P., Jayachandran M.	National Conference on Recent Trends in Mechanical Engg - 2017	Thermo Compressor Design in Refrigeration System, Vol 3 (1), 134, ISBN: 978 - 81- 931546-7-0
73	Kulkarni S.S., Jagtap S.D., Mulay S.S.	National Conference on Recent Trends in Mechanical Engg - 2017	Performance Optimisation of Single Cylinder Diesel Engine with Electronically Controlled Fuel Injection System, Vol 3 (1), 140, ISBN: 978 - 81- 931546-7-0
74	Patil V.A., Gawali B.S., Dogra G., Dodmani A.	National Conference on Recent Trends in Mechanical Engg - 2017	Recovery of Available Heat in the Boiler Blowdown, Vol 3 (1), 146, ISBN: 978 - 81- 931546-7-0
75	Kondhare S.P., Joshi M.S.	National Conference on Recent Trends in Mechanical Engg - 2017	Development and Performance Analysis of Air Washer, Vol 3 (1), 151, ISBN: 978 - 81- 931546-7-0
76	Shipure A.M., Ghewade D.V., Sane N.K., Nichal S.	National Conference on Recent Trends in Mechanical Engg - 2017	Comparative Study of R-1234ze and R-134a For Screw Chillers, Vol 3 (1), 184, ISBN: 978 - 81- 931546-7-0
77	Malunjkar A. , Joshi M.S. , Bhaskar T. ,Nagendra A.	National Conference on Recent Trends in Mechanical Engg - 2017	Tractor Radiator Axial Fan Performance Curves Correlations Using CFD Simulations, Vol 3 (1), 189, ISBN: 978 - 81- 931546-7-0
78	Ansari A., Mane P.	National Conference on Recent Trends in Mechanical Engg - 2017	Heat Transfer Enhancement in Screw Heat Exchanger by Using Perforated Twisted Tape, Vol 3 (1),196, ISBN: 978 - 81- 931546-7-0
79	Panchal M.V., Parishwad G.V., Ranade S.M., Mohale V.P.	National Conference on Recent Trends in Mechanical Engg - 2017	Review of Power Generation Through Solar Roof Top System with Case Study for 100 KWP System Vol 3 (1), 201 ISBN: 978 - 81- 931546-7-0
80	A.R. Shinge, U.A.Dabade	2nd International Conference on Materials, Manufacturing and Design Engineering (ICMMD 2017)	Experimental Investigation on Forming Limit Diagram of Mild Carbon Steel Sheet

81	A.R. Shinge, U.A.Dabade	2nd International Conference on Materials, Manufacturing and Design Engineering (ICMMD 2017)	The Effect of Process Parameters on Material Removal Rate and Dimensional Variation of Channel Width in Micro-milling of Aluminium Alloy 6063 T6
82	V. V. Vanmore, U.A.Dabade	2nd International Conference on Materials, Manufacturing and Design Engineering (ICMMD 2017)	Development of Laval Nozzle for Micro Abrasive Jet Machining [MAJM] Processes
83	R. M. Chanmanwar, R. Balasubramaniam, S. U. Sapkal, O. S. Patil, S. V. Gandhi	Materials and Design Engineering,	Fabrication of Microchannels on SSS-304 and Copper by Wet Chemical Etching and Comparison of Topographies, 2nd International Conference on Advances in Thermal Systems, Vol.1, Page 46
84	O. S. Patil, R. M. Chanmanwar	2nd International Conference on Advances in Thermal Systems, Materials and Design Engineering	Magnetorheological Fluid Assisted Photochemical Machining, Vol.1, Page 47
85	S. V. Gandhi,& R. M. Chanmanwar	International Conference on Advances in Thermal Systems, Materials and Design Engineering	A Study of Variation in MRR Influenced by Work-Piece Positioning on Copper and Stainless Steel during Wet Chemical Machining, Vol.1, Page 47
86	Sanket A. Awati, U.A.Dabade Ajinkya Dombale,	National Conference on Recent Trends in Engineering and Technology	Experimental Comparison for Micro-Electric Discharge machining of SS316L With and Without Silicon Powder
87	Omkar S. Patil R.M.Chanmanwar	8 th International Conference on Material Processing & Characterization (ICMPC - 2018)	Investigation on Enhancement in Photochemical Machining,
88	Omkar Patil, Rahul Chanmanwar	International Conference on Advances in Thermal Systems, Materials and Design Engineering	Magnetorheological Fluid Assisted Photochemical Machining, 2017.
89	J. D. Patil B. S. Gawali	International ISHMT-ASTFE Heat and Mass Transfer Conference	Experimental and numerical study of heat transfer in rectangular microchannel under simultaneously developing flow condition
90	J. D. Patil B. S.Gawali	International ISHMT-ASTFE Heat and Mass Transfer Conference	Minichannels an effective tool to extend flux removal without increasing pressure drop penalty
91	Akash Katakdhond B. S. Gawali	National Conference on refrigeration and air conditioning	Performance analysis of microchannel heat exchanger in vapour compression refrigeration system
92	Laxmi A. Bewoor V. Chandra Prakash	International conference interdisciplinarity in engineering	Production scheduling optimization in foundry using hybrid particle

	Sagar U. Sapkal		swarm optimization algorithm
93	A.G. Muke S. U. Sapkal	International conference on precision, meso, micro and nano engineering	Investigation of micro ball end milling process on SS 420 using vegetable oils

Details of Research Publications in Journal 2017-18

S.No.	Name of the Publisher	Publication details
1	U. S. Patil, K.H. Inamdar	Gating System Optimization for Reducing Shrinkage Defect in Large Size Steel Casting, International Journal of Innovative Research in Science, Engineering & Technology, Vol 7 (3),2290-2295
2	S.S.Bobade, P.A.Mane	Exergy Analysis of Rice Straw Fired Boiler, JOURNAL OF ADVANCEMENT IN ENGINEERING AND TECHNOLOGY, Vol 6 (3),2348-1391
3	Dr.K.H.Inamdar	Optimization Techniques and Methodology Used for Resistance Spot Welding, International Journal of Innovative Research in Science, Engineering and Technology, Vol 6 (12),22638-226461
4	Dr.K.H.Inamdar	A Methodology for Friction Stir Welding of Aluminium 6061-T6 and 304LStainless Steel, International Journal of Innovative Research in Science, Engineering and Technology, Vol 6 (12),22647-22652
5	Dr.K.H.Inamdar	Process Optimization of Co2 Laser Drilling on C65 (Spring Steel), International Journal of Creative Research and Thoughts, Vol 5 (4),3052-3059
6	Dr.K.H.Inamdar	Numerical Simulation for Casting Defect Prediction of Steel Casting -A Case Study, International Journal of Creative Research and Thoughts, Vol 5 (4),1489-1493
7	Dr.K.H.Inamdar	Numerical Optimization of Casting for Defects Analysis and Minimization: A Review, International Journal of Advanced Research in Science and Engineering, Vol 6 (10),1024-1028
8	Dr.K.H.Inamdar	Parametric Analysis of CO2 Laser Drilling Process for Spring Steel - A Review, International Journal of Advanced Research in Science and Engineering, Vol 6 (10), 1029-1035
9	Dr.K.H.Inamdar	Effect of Process Parameters on Resistance Spot Welding - A Review, International Journal of Advanced Research in Science and Engineering, Vol 6 (10),1036-1042
10	Dr.K.H.Inamdar	Friction Stir Welding of Dissimilar Materials: A Review, International Journal of Advanced Research in Science and Engineering, Vol 6 (10),1043-1049
11	Dr.K.H.Inamdar	Numerical Optimization of Casting for Defects Analysis and Minimization: A Review, 11 th International Conference on Recent Trends in Engineering, Science and Management, 217-221
12	Dr.K.H.Inamdar	Parametric Analysis Of CO2 Laser Drilling Process For Spring Steel- A Review, 11 th International Conference on Recent Trends in Engineering, Science and Management, 222-228
13	Dr.K.H.Inamdar	Effect of Process Parameters on Resistance Spot Welding - A Review, 11 th International Conference on Recent Trends in Engineering, Science and Management, 229-235
14	Dr.K.H.Inamdar	Friction Stir Welding of Dissimilar Materials: A Review, 11 th International Conference on Recent Trends in Engineering, Science and Management, 236-242
15	Dr.K.H.Inamdar	Fuzzy Based Optimization of Aluminium Extrusion Process, International Journal of Innovative Research in Science, Engineering and Technology, Vol 6 (5), 8178-8185
16	Dr.K.H.Inamdar	Analysis of Heat Affected zone in Plasma Arc Cutting of SS 316L

		Plates, International Journal of Innovative Research in Science, Engineering and Technology, Vol 6 (5), 8160-8165
17	S. V. Gandhi R. M. Chanmanwar	Experimental Investigation of Wet Chemical Machining and Optimization of Process Parameters Using Grey Relational Analysis for SS 316L, International Conference on Advances in Materials and Manufacturing Applications
18	S. V. Gandhi R. M. Chanmanwar Sagar U. Sapkal	Analysis of Micro-texture Geometrical Deviations in Wet Chemical Machining, Advances in Intelligent Systems Research, Atlantis Press, 142-147
19	Dr.K.H.Inamdar	Gating Design Optimization for Improvement in Yield of Casting, International Journal of Innovative Research in Engineering and Technology, Vol 6 (5), 8247-8253
20	Umesh S Patil K.H. Inmadar	Gating System Optimization for Reducing Shrinkage Defect in Large Size Steel Casting, International Journal of Innovation Research in Science Engineering and Technology, Volume 7 Issue No 3 2018
21	Jeevan Karande K. H. Inamdar	Optimization of Resistance Spot Welding Process Parameter for Tensile Strength of Dissimilar Welded Joint, International Journal of Science and Research, ISSN 2319-7064 2017: 7.296
22	Nilesh V Desai, K. H. Inamdar	Effect of Friction Stir Welding Process Parameter on Tensile Strength of Dissimilar Welded Joint, International Journal of Science and Research, ISSN 2319-7064, 2017: 7.296
23	Siddhant R Ghade K. H. Inamdar	Parameter Optimization of CO2 Laser Drilling for Different Features, International Journal of Science and Research, ISSN 2319-7064, 2017: 7.296
24	Omkar Patil, Rahul Chanmanwar	Investigation On Enhancement in Photochemical Machining, Materials Today Proceedings, Vol. 5, Issue No. 9, Part 3, pp. 20336-20342, 2018.
25	R. M. Chanmanwar R. Balasubramaniam S. U. Sapkal O. S. Patil S. V. Gandhi	Fabrication of microchannels on SS-304 and copper by wet chemical etching and comparison of topographies , Materials Today Proceedings, Science Direct, SSRN Electronic Journal
26	L. A. Bewoor V. Chandra Prakash S. U. Sapkal	Evolutionary hybrid particle swarm optimization algorithm for solving NP-Hard No-Wait flow shop scheduling problems , MDPI Journals, Algorithms
27	Sagar U.Sapkal, Vikas P.Salunkhe	Experimentation and Analysis of Granite Super-Finishing Process for Flatness Testing, Science Direct Materials Today: Proceedings , Volume 5, Issue 11, Part 3, pp. 23603-23611, 2018.
27	Laxmi A. Bewoor, V. Chandra Prakash, Sagar U. Sapkal	An Improved Evolutionary hybrid particle swarm optimization algorithm to Minimize makespan for no wait flow shop scheduling, Journal of Theoretical and Applied Information Technology, Volume 10, Issue 4, pp. 2534-2540, 2017.

Details of Research Publications in Conference 2018-19

Sr.N	Name of the Publisher	Name of conference	Publication details
1	Rahul Awargand, Maruti Khot	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	FE Analysis of Moving Magnet Miniature Compressor
2	RupeshTatte, Vishal Dhende	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Vibration Isolation of Fixed-Fixed Beam Using Dynamic Vibration Absorber
3	Narendra Kulkarni, Arvind Kale, Shivdas Prasad, Jaywant Kolhe	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Simulation and Analysis of Quarter Car Active Suspension System for Sinusoidal Disturbance
4	Nitin R. Salunkhe, V.P. Sutar, A.P.Patil	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Analytical and Experimental Study of Conical Compression Spring,
5	Yogesh Kachare, Shridhar Govind Joshi	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design of a Tuned Liquid Column Ball Damper For Vibration Reduction of Tall Structures Subjected To Low Frequency Crosswind Excitation
6	OnkarPathak, Prabhakar Maskar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Estimation of Defect Severity In Cylindrical Roller Bearing Using Vibration Signals
7	Naganath D. Narale, Abhinandan B. Admuthe	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design and Optimization Of Hollow Composite Propeller Shaft For Light Motor Vehicle
8	Unavane Parnili, Kale Arvind	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	A Review On Design Optimization of Air Filter In Diesel Engine By Using CFD Analysis
9	Ajinkya Abdar, Vishal Dhende, Sajal Roy	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design and Analysis of Isotruss Footbridge
10	Surendra Sarode, Arvind Kale	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Effect of Particle Damper On Vibration Amplitude And Surface Finish of Machined Component on VMC
11	RohitKodole, M. B. Patwardhan, Purnanand Singh, M. K. Pathak	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Concept Generation and Selection For Slope And Hill Climbing Robot
12	Shahajahan Desai- Danwade, Dr. Joshi S. G.,	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Concept Generation and Selection For Position Control of The Implement

	PrabhakarMaskar		Attached To An Off-Road Vehicle
13	SanketHadimani, Shridhar Limaye	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design, Optimization and Analysis of Mahindra Scorpio Chassis Model,
14	Rohit Chavan, P. D. Maskar, C. Ramadas	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Effect of Maximum Traction In Mode I Failure In Laminated Composite Structure
15	Shridhar Patil, M. B. Patwardhan, M. K. Pathak, Purnanand R. Singh	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Concept Generation and Selection For Rope Assisted Wall Climbing Robot
16	IshwarPadalkar, A P Patil, P D Maskar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Detection of Bearing Fault and Its Size Estimation Using Wavelet Transform
17	Ravikiran M. Mahanure, PrabhakarD.Maskar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Numerical and Experimental Analysis of Un-cracked and Cracked Fixed - Fixed Beam for Free Vibration
18	Sakunde P.D., Limaye S.H.	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design and Development Of Air Filter Test Rig And Dust Feeding Mechanism As Per ISO 5011
19	Vaibhav Hire, Dr. S.G Joshi, Vishal Dhende,	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Vibration Control of The Implement of an Off-Road Vehicle
20	Dhananjay G. Gadekar, J.M.Dabir	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Concept Development and Building Of Prototype For Three Wheeler Passenger Vehicle With Improved Capacity
21	Nalawade S.L., Paranjpe A.U.	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Development of Quick In Situ Balancing Approach For Rigid Rotors
22	Nikita Nagmoti, Dr. Shridhar Joshi, Vishal Dhende, Dr. Sajal Roy	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Experimental Transient Analysis Of Unimorph and Bimorph Piezoelectric Energy Harvester
23	Ruturaj Gulaskar, S.G.Joshi, P.D.Maskar, Amit Gupta	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Effect Of Variation In Parameters Used In DCB Delamination Analysis Using Cohesive Zone Modelling
24	I. B. Vanmore, A. K. Kale, Anil Kulkarni	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design and Development of Special Purpose Machine For Drilling and Tapping
25	Snehal waghate, M.M.Khot, D.B.Patil	3rd National Conference on Recent Trends in Mechanical Engineering	Design, Development and Testing Of Spraying And

		(NCRTME – 2018) at WCE, Sangli	Ploughing Agriculture Machine
26	Chavare S. S., Limaye S. H.	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design and Development Of Rubber Bush Swaging Machine And Push-Pull Test,
27	Shruti Salokhe, M.B.Patwardhan, J.M.Ramamoorthy	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Effect of Inner and Outer Clearance On Rotor Dynamics
28	Kiran M. Jadhav, Dr. S.P.Chavan, Nilesh Patil	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Parametric Study and Design Of Lift Irrigation Scheme
29	Nitin R. Salunkhe, V. P. Sutar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Comparative Study of Shear Stress In Cylindrical And Conical Helical Compression Spring
30	A.K. More, R.M. Chanmanwar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Investigation of Magnetorheological Finishing
31	Omkar Patil, Rahul Chanmanwar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Photochemical Machining: A Review
32	SiddhantGade, Prof. Dr. K. H. Inamdar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Characteristics Analysis of Hole Repeatability In Co2 Laser Drilling
33	U. S. Patil, K. H. Inamdar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design Optimization of Gating System Through Simulation Technique For Steel Gear
34	J. A. Karande, K. H. Inamdar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Optimization of Resistance Spot Welding Process Parameters For Heat Affected Zone Of Dissimilar Welded Joint
35	N. V. Desai, K. H. Inamdar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Optimization of Micro-Hardness In Friction Stir Welding Process By Using Taguchi Method
36	Prathamesh Gurav, Sharad .V. Gaikwad	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Optimization of Indexable End Milling Process On Titanium Alloy [Ti-6Al-4V
37	AkshayPotdar, Sagar Sapkal	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Investigation of Friction Drilling Process
38	J. A. Shinde, Prof. Dr. S. U. Sapkal, Prof. R. M. Chanmanwar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Development and Testing Of ELID Assisted Abrasive Fine Finishing Setup

39	Rathod R. P., Chanmanwar R. M.	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Process Improvement and Reduction Of Cycle Time For GTMC CNC Used In Machining Of Multistage Pump
40	Dnyaneshwar D. Renke, Bipin Shevade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Optimization of Parameters Of “Shielded Metal Arc Welding”, FOR CAST IRON
41	S. R. Chothe, A. A. Hadgaonkar, V. V. Randive, J. A. Shinde, S. U. Sapkal, B. R. Shevade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design and Development Of 3D Printer Based On FDM Technique,
42	Bhilawade T. A., Sapkal S. U.	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Experimental Analysis On Input Shaft Reverse Gear Section
43	Ashish H.Chafekar, Sagar U.Sapkal	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Experimental Investigation of Gas Metal Arc Welding (GMAW) Process For Aluminium AA6061-T6
44	Vikas Randive, Prasanna Chougule, Uday Dabade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Parameter Optimization of Fused Deposition Modelling For Tensile Strength On Abs Plastic
45	Kalpesh V Bhagat, Sharad V Gaikwad, MangeshAshtekar	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Implementation of Kanban System For Inventory Management For Assembly Line
46	Ramesh Kavare, Bipin Shevade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Optimization of Laser Cutting Parameters For SS 316l Thick Plate Using Taguchi Method
47	Kiran Pawar, Bipin Shevade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Effectiveness and Efficiency Improvement Of RN Series Pumps By Using statistical QC Tools
48	Madhavi V. Uttekar, Anuja A. Jadhav, Pooja R. Rathod, Isha B. Sathaye , Sagar U. Sapkal	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design and Development Of Automatic Wiper For Vehicle
49	Sayagaonkar A. R., Bhandare A. S.	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Implementation of Lean Tools In Sheet Metal Processing Industry
50	B. K. Nigade, U. A. Dabade , C. R. Bhide	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Casting Defect Prediction of Cast Iron Casting Using Simulation: A Case Study
51	S. S. Gavade, U. A.	3rd National Conference on Recent	Line Balancing Using

	Dabade, S. V. Kulkarni	Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Maynard Operation Sequence Technique (MOST),
52	K.D.Shelar, U.A.Dabade, S.V.Bannur	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Material Cost Reduction In Passenger Car By Using Value Analysis-Value Engineering
53	Mumane G. S., Bhandare A. S.	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Breakdown Reduction of Bottle Neck Machines Through Failure Analysis
54	A.A. Lalsare, U.A. Dabade, Y.Kale	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Productivity Improvement In Engine Assembly Line Through Sediment Reduction
55	A. P. Dombale, U. A. Dabade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Experimental Study Of Reverse Micro-EDM Process For Multiple Electrodes Fabrication
56	S. A. Awati, U. A. Dabade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Optimization of Micro-EDM Process Parameters For Machining Of SS316l Alloy
57	Mahendra M. Ghayatadak, Amar S. Bhandare	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Multi Response Variables Optimization Of Electro Discharge Machining By Grey Relational Analysis
58	Akash Y. Waghmare, Prasanna B. Chougule , Uday A. Dabade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Additive Manufacturing: A Review
59	Suraj Sajjan, Indranil Patil1, Dr. S. U. Sapkal	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Development Of Model Of Autosimulator
60	Shailesh Nandagavle, Pratham Masuti, Amar Bhandare	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Experimental Investigation Of Magnetic Field Assisted EDM
61	AkashKatakdhond, Bajirao Gawali	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Performance Analysis Of Microchannel Heat Exchanger In Vapour Compression Refrigeration System
62	Vishwadeep Vilas Patakure, Bajirao Gawali	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Analysis and Design Of Cooling System For Lubricating System In Vertical Turbine Pump
63	Vishal Parade, Madhav Joshi	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Thermal Analysis Of Thrust Bearings For Vertical Turbine Pump,
64	Sagar G. Mushan, Dr. N. K. Sane, Dr. B. S. Gawali, Hrishikesh	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Selection of Best Meshing Method And Turbulence Model For Analysis Of

	Kulkarni		High Pressure Steam Flow In throttling Calorimeter Using Ansys Fluent
65	Swapnil Jadhav, Narayan Sane, BabuPanneerselvam	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Development and Evaluation Of Alternative Absorbent-Refrigerant System,
66	ShaileshBobade, Pravin Mane, PrakashSoman, Kishor Vaidya	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Comparison of Boiler Performance For Shredded Feeding And Bale Feeding Of Rice Straw
67	N. R. Darade, M. S. Joshi, A. M. Dulange, V. S. Bhadade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Shell and Tube Heat Exchanger As An Evaporator For Chiller System
68	S.S. Chaudhari, B.S. Gawali	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Comparative Analysis Of A Cascade Refrigeration System For Refrigerant Couples R134a/R404a And R134a/R410a And Using Phase Change Material (PCM),
69	Pratik Phadtare, Babaso Naik, P. Babu	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Experimental Investigation Of Ejector Refrigeration System By Changing The Nozzle Design And Varying The Suction Parameters
70	B. E. Patil, N. K. Sane, S. D. Jagtap	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Forced Convection Heat Transfer Augmentation Using Flow Divider Type Inserts At Various Spatial Positions
71	M. V. Panchal, G. V. Parishwad, S. M. Ranade, V. P. Mohale4	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Factors Affecting On Solar Photovoltaic Output
72	Pawar S.R., Limaye S.H.	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Design and Development Of Test Rig For Testing Of Centrifugal Water Pump
73	Nikhil Panadare, N.K. Sane, B.S. Gawali	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Performance Analysis Of Shell And Tube Heat Exchanger With Flow Divider Type Of Baffles
74	Patil YogeshKashinath, S.M.Ranade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	CFD Analysis and Experimental Validation Of Bagasse Dryer
75	A.J.Wagh, B.S.Gawali	3rd National Conference on Recent Trends in Mechanical Engineering	Performance Analysis Of Vapour Compression

		(NCRTME – 2018) at WCE, Sangli	Refrigeration System Using Phase Change Material
76	Shailesh Pujari, Sanjay Ranade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Experimental Investigation Of Forced Convection And Desiccant Bed Solar Dryer
77	Yogesh Bhanudas Patil, Prof. Sanjay Ranade	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Closed Loop Heat Pump Dryer For Drying Agricultural Products
78	TejasBamnote , Bajirao Gawali	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Development Of Pulse Tube Cryocooler
79	Pratik Kudalkar, Madhav Joshi	3rd National Conference on Recent Trends in Mechanical Engineering (NCRTME – 2018) at WCE, Sangli	Improvement In Performance And Analysis Of Multistage And Multi-Evaporator Refrigeration System
80	S. M. Gaikwad J. D. Patil B. S. Gawali M. S. Choudhari	National Conference on Advances in Refrigeration and Cryogenics	Analysis of cyclic flow heat exchanger used in pulse tube cryocooler
81	J. D. Patil S. M. Gaikwad B. S. Gawali M. S. Choudhari	National symposium on cryogenics and superconductivity	Experimental study on oscillation controlled heat transport tube: an application of shuttle heat transfer
82	Shital Mone B. S. Gawali M. S. Joshi Vivek Vitankar	International conference on applied mechanical engineering research	CFD modeling of combustion and calcination reaction in cement calciner
83	Sagar U. Sapkal, Pravin S. Jagtap	Science Direct Procedia Manufacturing, 2nd International Conference on Materials Manufacturing and Design Engineering	Optimization of Micro EDM Drilling Process Parameters for Titanium Alloy by Rotating Electrode, Volume 20, pp. 119-126, 2018.

Details of Research Publications in Journal 2018-19

S.No.	Name of the Publisher	Publication details
1	Dr. K. H. Inamdar	Process Parameter Optimization of CO ₂ Moulding Sand Using Response Surface Methodology, International Journal for Recent Trends and Innovation (IJRTI), Vol. 3 Issue 6, , Impact Factor: 4.8, pp. 128-132.
2	Dr. K. H. Inamdar	Methodology for Salvaging by FDM Technology, Journal of Emerging Technologies and Innovative Research (JETIR), (ISSN : 2349-5162), UGC Approved, Impact Factor 5.87, Vol. 6, Issue 1, pp. 42-45.
3	Dr. K. H. Inamdar	Sand Casting Simulation: A Review, Journal of Emerging Technologies and Innovative Research (JETIR), (ISSN : 2349-5162), UGC Approved, Impact Factor5.87, Vol. 6, Issue 1, pp. 46-49
4	Dr. K. H. Inamdar	Effect of Process Parameters of TIG And MIG Welding for Mild Steel, Journal of Emerging Technologies and Innovative Research (JETIR), (ISSN : 2349-5162), UGC Approved, Impact Factor 5.87, Vol. 6, Issue 1, pp. 171-174
5	Vilas Ingale, Chandrashekhar Randive, Ashwini Belavi, Shweta Kolkur, Shrivardhan Shende, K. H. Inamdar	Automatic Casting Inspection by Acoustic Emission Technique, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, issue 4 ISSN-2349 5162 2019
6	Laxmi A. Bewoor, V. Chandraprakas, Sagar U. Sapkal	Evolutionary Hybrid Particle Swarm Optimization Algorithm to minimize makespan to schedule a flow shop with no wait, Journal of Engineering Science and Technology Vol. 14, Issue no. 2, 609-628, 2019.
7	Shailesh Bobade, Pravin Mane, Kishore Vaidya	Energy Potential of Rice Straw in India and Assessment of Various Technologies Suitable for Its Efficient Energy Utilization, Journal of Advancement in Engineering and Technology, Vol. 6, Issue No. 4, pp. 1-3, 2018.
8	Ajit Wagh B. S. Gawali	Performance improvement of vapour compression refrigeration system with phase change material, Journal of advancement in engineering and technology
9	Akash Katakdhond B. S. Gawali	Performance analysis of microchannel heat exchanger in vapour compression refrigeration system, Journal of advancement in engineering and technology
10	Dhanapal Kamble B. S. Gawali	Analysis of a rectangular microchannel using the R-22 refrigerant in forced convection heat transfer Condition, International journal of energy for a clean environment
11	Laxmi A. Bewoor, V.Chandraprakash, Sagar U.Sapkal	Real Time Scheduling for no wait Flow Shop Problem, Journal of Advanced Research in Dynamical and Control Systems , Vol. 10, Special Issue 7, 2018.

Details of Research Publications in Conference 2019-20

S.No.	Name of the Publisher	Name of conference	Publication details
1.	Rustum Dhalait, Suhaz Jagtap	43rd National Systems Conference on Innovative and Emerging Trends in Engineering Systems	Selection of optimum working fluids for low power output organic rankine cycle,
2.	Shital Mone, B.S. Gawali, M.S. Joshi, Vivek Vitankar.	International conference on applied mechanical engineering research, NIT Warangal, India. May 2019	CFD modeling of combustion and calcination reaction in cement calciner
3.	Akash More, Rahul Chanmanwar	International Conference on precision, meso, micro and nano engineering , IIT Indore	Parametric optimization of Magnetorheological finishing by using response surface methodology
4.	Dr. S. U Sapkal , C. Patil , Darekar Supriya	International Conference on Mechanical and Energy Technology (ICMET) 2019, Noida, UP.	Dimensional Variation and Wear Analysis of 3D Printed Pattern for Sand Casting
5.	Prasad Thakare, S.H. Limaye	ICMMSE	Design and Development of Test Set up For Impact Endurance Test on Chain Tensioner
6.	Rohit Aute, C. Ramdas, R. Wagmare, R. Harshe, S. Joshi.	INCAM 2019 Conference, IISc Bangalore	Effect of Various Ansys Setting On Load- Deflection Curve in Cohesive Zone Modelling
7.	Siddhant Ambilpure, R.G. Todkar, S.G. Joshi	International Conference On Recent Innovation in Mechanical Engineering	Some Experimental study on 2DOF Electromagnetic Harvester
8.	Baburao Koli, U.A. Dabade	International Conference on manufacturing, material science and engineering (ICMMSE) 2019, Hyderabad	Performance analysis of powder assisted reverse micro electric discharge machining (μ -EDM)
9.	Priyanka Patil, U.A. Dabade	International Conference on manufacturing, material science and engineering (ICMMSE) 2019, Hyderabad	Selection of bearing material to comply RoHS regulations as per EU directive: A review
10.	Mangesh Gurav, U.A. Dabade	International Conference on manufacturing, material science and engineering (ICMMSE) 2019, Hyderabad	Quality evaluation of precision micro holes drilled using pulsed Nd:YAG laser on aerospace nickel-based superalloy
11.	Shankar Waghmode, U.A. Dabade	International Conference on manufacturing, material science and engineering (ICMMSE) 2019, Hyderabad	Optimization of process parameters during turning of Inconel 625
12.	Pratham Masuti, U.A. Dabade	International Conference on manufacturing, material science and engineering (ICMMSE)	Lean manufacturing implementation using value stream mapping at excavator

		2019, Hyderabad	manufacturing company
13.	Nitin S Chityal, Amar Bhandare, Dr.UA Dabade	International Conference on manufacturing, material science and engineering (ICMMSE) 2019, Hyderabad	Experimental investigation on a shield and magnetic assisted EDM of EN24 steel
14.	Akash K. More , Mr. Rahul Chanmanwar	International Conference on manufacturing, material science and engineering 2019, Hyderabad	Experimental investigation of magnetorheological finishing on copper alloy
15.	S. M. Ranade	25th National and 3rd International ISHMT, ASTFE Heat & Mass transfer Conference at IIT Roorkee	Solar drying of Leafy Vegetables
16.	Prateek Malwe Dr. B.S. Gawali	25th National and 3rd International ISHMT, ASTFE Heat & Mass transfer Conference at IIT Roorkee	A Review Exergetic assessment of an organic rankine cycle integrated with vapour compression refrigeration system
17.	Mohmad rafik Choudhari Dr. B.S. Gawali	25th National and 3rd International ISHMT, ASTFE Heat & Mass transfer Conference at IIT Roorkee	Analysis of Oscillating Flow Heat Exchanger Used in Pulse Tube Refrigerator
18.	Prateek Malwe Dr. B.S. Gawali, Mohmad rafik Choudhari	11 th International Exergy , Energy and Environment Symposium (IEEES-11), Chennai, India	Exergetic Investigations of Multistage Multi Evaporator Vapour Compression Refrigeration System
19.	Pranesh A. Salagarkar Dr. K. H. Inamdar	International Conference on Instrumentation and Control Engineering (ICECON-2019), NIT- Trichy, India	Analysis and Optimization of Housing of pillow Block Casting through Simulation
20.	Pradip B. Navale Dr. K. H. Inamdar	International Conference on Instrumentation and Control Engineering (ICECON-2019), NIT- Trichy, India	Analysis of 3D Printed Pattern and Conventional Pattern by Experiment
21.	Prateek Malwe Dr. B.S. Gawali	25th National and 3rd International ISHMT, ASTFE Heat & Mass transfer Conference at IIT Roorkee	Exergetic assessment of an organic rankine cycle integrated with vapour compression refrigeration system
22.	Malwe P.D., Gawali B.S., Wahile G.S	Springer Nature Switzerland AG 2020; Proceedings of the 2nd International Conference on Advanced Technologies for Societal Applications - Volume 2 (Techno-Societal 2018),	Exergy Analysis of a Four Stroke Diesel Engine

Details of Research Publications in Journal 2019-20

S.No.	Name of the Publisher	Publication details
1.	Ravi Gupta, Dr. R. G. Todkar, Dr. S. G. Joshi	Numerical and Experimental Analysis of Leakage Rate of O-ring Elastomeric Sealing Materials, Journal of Emerging technologies and Innovative Research(JETIR), Volume 6, Issue6, pp. 524-528.
2.	Amol Khade, Vishal Dhende, Shridhar Joshi	The Experimental Analysis Of a Vibration Based 2dof Piezoelectric Energy Harvester, Proceeding of IRAJ International conference
3.	Kiran Kshirsagar, P.D.Maskar	Design and Development of Energy Harvesting Mechanical Motion Rectifier, Journal of Emerging technologies and Innovative Research(JETIR), Volume 6, Issue6, pp. 469-473
4.	Vinay Nikam, Maruti Khot, Mayur Mane	The Study of Solar Collector Using Closed Loop Pulsating Heat Pipe With Alumina as Working Fluid, International Journal of Science Research, Vol-7, Issue-6
5.	Avinash Vibhute, Vaibhav Shinde, Amar Paranjape	Structural Integrity Assessment of Genset Structure For Earthquake Loads, CSE International Journal of Computer Science and Engineering, Vol 7, Issue-6
6.	Pratik patil P.D.Maskar	Modeling and Simulation of Command and Control System to Execute the Fuel Sequencing for Fighter Aircraft using AMESim, International Journal of Computer Science and Engineering, Vol-7, Issue-6
7.	Prathamesh Jagtap	Kinematic Analysis of Circuit Breaker Mechanism, International Journal of Modern Engineering and Research Technology, Vol-6, Issue-2
8.	Gaurav Mehare, S.H.Limaye	Design and Development of Test Setup for Impact Endurance Test on Chain Tensioner, Journal of Emerging technologies and Innovative Research(JETIR), Volume 6, Issue6, pp. 831-833
9.	Hemanshu Dagade, A.U.Paranjape, M.M.Khade.	Analysis of Motion Transmissibility of Damper by using Magneto-rheological Fluid, Journal of Emerging technologies and Innovative Research(JETIR), Volume 6, Issue6, pp. 220-223.
10.	Sagar Malwadw, Maruti Khot, S.S. Dwivedi, M. Kuhikar	Design and Simulation of Kinematic Linkages of a Launcher for Weapon Carriage and Release from Fighter Aircraft, Journal of Emerging technologies and Innovative Research(JETIR), Volume 6, Issue6, pp. 82-90
11.	Dhanraj chavhan, R. G. Todkar, S.G.Joshi	Design, Development and Testing of a Vibration based Electromagnetic and Piezoelectric Dual mode Energy Harvester, Journal of Emerging technologies and Innovative Research(JETIR), Volume 6, Issue6, pp. 381-386
12.	Amol Gosavi, S.K. Dwivedi, Shridhar Limaye	Modelling and Simulation of Canopy Control System For Aircraft, IJESR, May 2019, Vol-9, Issue-5
13.	Arjun Melgiri, Vishal Dhende, Sudhir Arali	Modification of Suspension System of Existing Compressor Using Finite Element Analysis, Journal of Emerging technologies and Innovative Research(JETIR), Volume 6, Issue6, pp. 565-569

14.	Jayesh Amrutkar, Sajal Roy, Shridhar Joshi, A. B. Admuthe	Numerical Analysis and Experimental Validation of Stiffened Composite Plate for Structural Health Monitoring, Journal of Emerging technologies and Innovative Research(JETIR),Volume 6, Issue6,pp. 619-623
15.	Vijay G. Gaikwad , R.K.Kulkarni	Development of Lab Scale Model for dehydration of grapes using hybrid drying methodology, 2019, JETIR June 2019, Volume 6, Issue 6
16.	Sagar Nagade, Narayan Sane , Suhaz Jagtap	Performance of Shell and Tube Heat Exchanger Using Flow Divider Dimpled Type Baffles, IJSRD Vol. 7, Issue 03, 2019
17.	D.R. Adwani, M.S. Joshi, S.M. Ranade, A.M.Patil	CFD Analysis of Wind Flow Behavior around Tall Stacks: A Review, JETIR, June 2019, Volume 6, Issue 6
18.	Akshay Chopade, S.M. Ranade	Performance analysis of evacuated tube solar dryer with desiccant dehumidifier and pcm as thermal storage material, IRJET June 2019 Volume 6, Issue 6
19.	Pramesh D. Shendage, P.D.Maskar, M.M.Khade	Analysis of effect of coating materials on dynamic properties of structure, JETIR June 2019 Volume 6, Issue 6
20.	Prathmesh Dhikale, Prasanna chougule, Uday Dabade	An experimental study on single axis solar tracking system, JETIR June 2019 Volume 6, Issue 6
21.	Akash More, Rahul Chanmanvar	Experimental investigation of Magntorheological finishing on copper alloy, Material today: Proceedings,2019
22.	Arati Londhe, K.H. Inamdar	Experimental Investigation of combined welding on mild steel, International journal of science and research(IJSR),volume 8, Issue 6 ,June 2019
23.	Yogesh G. Magdum, Dr .K.H.Inamdar	Optimization of process parameters for cold metal transfer(CMT) welding of dissimilar materials, 2019, JETIR June 2019 Volume 6, Issue 6
24.	Utkarsh G. Shinghade, Bipin R. Shevade	Experimental investigation of various process parameters of micro weld on INCONEL-601, JETIR June 2019 Volume 6, Issue 6
25.	M.S. Ingawale, Dr. M.M. Khot, S.D. Vispute, Omkar Akhilesham	Modeling and simulation of air brake hydraulic system of fighter aircraft using ASESIM software, JETIR June 2019 Volume 6, Issue 6
26.	S.S.Pawar, S.H.Limaye, S.K.Dwivedi, S.K.Thakur, Ravindrakumar Jadon	Modeling and simulation of pneumatic system of a launcher for carriage and release of weapon from fighter aircraft. JETIR June 2019 Volume 6, Issue 6
27.	Shridhar K. Paramane, B.R. Shevade	Methodology for zero defect station by advanced product quality planning, JETIR June 2019 Volume 6, Issue 6
28.	Hanumant M. Deshmukh, J.M.Dabir	Effect of tool profile on a single point incremental forming process JETIR,2019
29.	Onkar N. Waghmare, Amit Kumar Soni, V.V.Dhende	Modeling and simulation of twin engine fighter aircraft fuel supply system to optimize sequencing during flight , JETIR June 2019 Volume 6, Issue 6

30.	Nitin S. Chityal, Amar Bhandare, U.A.Dabade	Experimental investigation on a shield and magnetic assisted EDM of EN24 steel , Materials today: proceedings
31.	Mayur Lokhande, Dr.S.G.Joshi	Methods and Practices to Investigate the Factors Affecting Failures In Turbocharger Turbine: A Review, Journal of Emerging Technologies and Innovative Research(JETIR),2019
32.	Rohit Kalpavruksha, A.B. Admuthe	Numerical Analysis of Cracked Beam With Various Position Of Point Mass, Journal of Emerging Technologies and Innovative Research(JETIR),2019
33.	Adwani Dinesh, S.M.Ranade	CFD Analysis of wind flow behaviour around Tall Stacks: A Review, Journal of Emerging Technologies and Innovative Research(JETIR),2019
34.	Sushant Shingare, Vishal Dhende	Modelling and simulation of twin engine fighter aircraft refueling system and sequence optimisation, Journal of Emerging Technologies and Innovative Research(JETIR)
35.	Priyanka kamble, ShridharLimaye	Design and development of throttle valve endurance test machine Journal of Emerging Technologies and Innovative Research(JETIR)
36.	Gaurav mulik, S.M. Ranade, M.V. Kulkarni	Performance analysis of air cooled steam condenser for various tube heat exchanger configuration, IJSRD
37.	Vishwajeet Patil, Dr.K.H.Inamdar	Sand Casting Simulation; A review, Journal of Emerging Technologies and Innovative Research(JETIR)
38.	Pankaj Gavade, Dr.K.H. Inamdar	Methodology for salvaging by FDM technology, Journal of Emerging Technologies and Innovative Research(JETIR)
39.	Dhiraj Patil, P.D.Maskar, Amit Kumar Soni	Modeling and simulation of command and control system to execute the fuel sequencing for fighter aircraft using AMESim, Journal of Emerging Technologies and Innovative Research(JETIR)
40.	Mahesh Korhale, Dr.MarutiKhot	An investigation of failure and damage in unidirectional composite under static loading, Journal of Emerging Technologies and Innovative Research(JETIR)
41.	Nilesh D. Pawar, Suprit Singh Bahaga, Sunil R. Kale, Sasidhar Kondaraju	Symmetric and asymmetric coalescence of droplets on a solid surface in the inertia dominated regime, Physics of Fluids

Details of Research Publications in Conference 2020-21

S.No.	Name of the Publisher	Name of conference	Publication details
1.	A.S. Bhandare and U. A. Dabade	International conference on Intelligent Manufacturing and Automation	Multi objective optimization of dry EDM with Inconel 718 Using Grey Relational Analysis
2.	Dhanesh B. Awati, Rahul chanmanwar	Third International Congress on Advances in Mechanical Science	A Review of ultrasound assisted electrolytic in-process dressing (UA-ELID)
3.	Dr. Sapkal Sagar, Abhishek Joshi	2 nd International Conference on Future Learning Aspects of Mechanical Engg. (FLAME-2020)	Lean manufacturing Implementation in Crankshaft Manufacturing Company
4.	Shubham Kinekar, Mr. Pravin Mane, Dr. Vivek Vitankar, Shital Mone, Adnan Taqi	Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2020.12.143 2214-7853/ 2020 Elsevier Ltd.	NOx reduction in calciner using air staging and raw meal split technology
5.	Sanket Mukane, Mr. Pravin A. Mane, Adarsh Gaddam	International Conference on Sustainable Development in Mechanical Engineering (SDME 2020), Materials Today: Proceedings, Elsevier Journal, pp 1 -7, October 2020, https://doi.org/10.1016/j.matpr.2020.11.527	Performance and Analysis of Battery Thermal Management System used in Electrical Vehicles (EVs)
6.	Omkar D Dixit, Prof. V.V. Dhende	Congress on Intelligent Systems (CIS 2020), organized by Soft Computing Research Society	Dynamic Analysis of a Novel Modular Robot
7.	Sanjay Heralge, Umashankar Gupta, Jamil Dabir	3rd Online International congress on Advances in Mechanical Science, Volume 998, IOP Conf. Series: Materials Science and Engineering 998 (2020) 012044, IOP Publishing doi:10.1088/1757-899X/998/1/012044 27th -28th Aug.2020	Multi-criteria optimization of Aerospace Alloys in WEDM using TOPSIS
8.	Shrinath mane and Jamil dabir	3rd Online International congress on Advances in Mechanical Science, Volume 998, IOP Conf. Series: Materials Science and Engineering 998 (2020) 012026 IOP Publishing doi:10.1088/1757-899X/998/1/012026	A review on identification and elimination of ovality in circular holes during manufacturing of hollow cylindrical components

		27th -28th Aug.2020	
9.	Adila R. Nadaf, Rahul M. Chanmanwar	3 rd International congress on Advances in Mechanical Sciences (ICAMS-2020)	Design failure mode and effect analysis-case study
10.	Sanket Borgave, Sagar Sapkal	3 rd International congress on Advances in Mechanical Sciences (ICAMS-2020)	Application of Lean tools for compressor assembly line
11.	Rohit pagare, Dhanesh Awati, Shrinath Mane, Vijay teli, Amar Bhandare	3 rd International congress on Advances in Mechanical Sciences (ICAMS-2020)	Investigating the effects of welding parameters on Mild steel by SMAW technique
12.	Ajay V. Kolhe, Prateek D. Malwe, Ganesh S. Wahile	National conference on physics and chemistry of materials (NCPCM-2020)	Artificial intelligence for prediction of performance and emission parameters of CI Engine using Bio-Fuel
13.	G C Potdar, S U Sapkal, A S Shivade	International conference on Artificial intelligence and machine learning (ICAML 2020)	Modified direct clustering algorithm for group formation in cellular manufacturing
14.	Mohmad rafik Choudhari, Dr. B.S. Gawali, Prateek Malwe	International Conference on Optimization Techniques and Recent Innovations in Mechanical Engineering	Numerical Analysis of Inertance Pulse Tube Refrigerator

Details of Research Publications in Journal 2020-21

S.No.	Name of the Publisher	Publication details
1.	Ajay R Ranade	Analysis of flow past Naca 66251 isolated aerofoil using Matlab and experimentation, Aerojournal of India (Student publishing)
2.	Ajay R Ranade	Analysis of flow past Naca 66251 using vortex panel method and experimentation, Aerojournal of india(student publishing)
3.	Ajay Saraf, R. K. Kulkarni, Jay Shah, Utsav V	Mathematical Modelling of Reed Valve Lift With Crank Angle in Piston Compressors, 2020 JETIR August 2020, Volume 7, Issue 8
4.	Saurabh D. Zambare, R.K. Kulkarni, N.K. Sane, A.P. Samant	Prediction of thermal performance of crossflow economiser in transient mode using Transient Analysis Program, 2020 JETIR August 2020, Volume 7, Issue 8
5.	Pratap P. Degale, R. K. Kulkarni	Thermal performance analysis of window AC with evaporative cooling of condenser, 2020 JETIR August 2020, Volume 7, Issue 8
6.	Rohit S. Kamraddi, Prof. P.D. Maskar	Performance Evaluation of Particle Damping for Gear Transmission System, Journal of emerging technologies and innovative research(JETIR),Volume 7, issue 8,1187-1192
7.	Lahane A. B.	Vibration Analysis of Magneto-rheological Sandwich Beam Journal of emerging technologies and innovative research(JETIR),Volume 7, issue 7,1873-1881
8.	Mr. Aniket Jadhav, Prof. Abhinandan Admuthe	Development of Test Setup for Obtaining Mode Shapes of Beams, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 7, Issue 8, pp. 218-224
9.	Akshay G. Tayade, Prof. S. M. Arali	Design of Experimental Setup for Study of Fluid Elastic Instability in Finned Tube Array Subjected to Air Cross Flow Journal of Applied Science and Computations Vol. VII, Issue VII, 1076-5131
10.	Shubhamkar Suryawanshi & Dr. M. M. Khot	Modal Analysis of Thin Composite GLARE Plate, Journal of emerging technologies and innovative research(JETIR),Volume 7, Issue 8, pp 420-423
11.	Mr. Tushar Shinde, Prof. Dr. S.G.Joshi and Prof V.V.Dhende	Dynamic Response Analysis of Preloaded Bolted Joints Under Harmonic Excitation, Journal of emerging technologies and innovative research(JETIR),
12.	Amit Pharande, Prof. Dr. S. G. Joshi and Prof. A. B. Admuthe	Dynamic response analysis of a cantilever beam subjected to base excitation, Journal of emerging technologies and innovative research(JETIR),
13.	Randive V. K, Prof. A. B. Admuthe.	Natural Frequencies of The Hollow Cantilever Beam With Tip Mass, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 7, Issue 8, Page no.1176-1186 .
14.	Vijay Teli, Kedar Inamdar	MQL Turning of EN-8 Steel using plant based lubricant and its performance analysis with wet and dry turning, Journal of emerging technologies and innovative research(JETIR)
15.	Ms. Anjum Mujawar	Development and characterization of polyterafluoroethylene (PTFE) and expanded graphite nanocomposite, Journal of emerging technologies and innovative research(JETIR)
16.	Prasanna B. Chougule, Rakesh G. Mote, Uday A.	Carbon nanofibre assisted micro-electro discharge machining (μ EDM) of Ti-6Al-4V alloy, Int. J. Precision Technology,

	Dabade	Vol. 9. No.1,2020
17.	Prateek D. Malwe, Bajirao S. Gawali, Mahmadrafik S. Choudhari, Rustam S. Dhalait, Nandkishor S. Deshmukh	Energy and Exergy analysis of an organic rankine cycle integrated with vapour compression refrigeration system, Advances and applications in mathematical sciences
18.	Pravin Ashok Mane, Seema Pravin Mane, R. B. Dhumale, N. R. Dhumale	Manufacturing And Analysis Of Cost-effective Scalp Cooling System, GIS, Science Journal, Page No: 1069-1078, DOI:20.18001.GSJ.2020.V7I11.20.36212
19.	Pravin Ashok Mane, Seema Pravin Mane, R. B. Dhumale, N. R. Dhumale	Thermal Analysis of Battery Used in E-bicycle, GIS, Science Journal, Page No: 1061-1068, DOI:20.18001.GSJ.2020.V7I11.20.36211
20.	Saurabh S. Lohar, Dr. Kedar H. Inamdar	Optimization of gating and feeding system for sand casting of connecting rod using casting simulation, International journal for researching applied science and engineering technology Vol. 9 Issue 1
21.	Madhav K. Avhad, Prabhakar D. Maskar	Design Optimization Of Magneto-Rheological Damper For Vehicle Suspension System, Journal of Emerging Technologies and Innovative Research (JETIR), August 2020, Volume 7, Issue 8
22.	Aishwarya Krishnat Jadhav, Dr. S.G. Joshi, Prof. P.D. Maskar, Mr. Sandip V. Patil	Design a New Pressure Regulating Valve for Fuel Injection Pump of Diesel Engine, International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 09, pp 1187-1192 September-2020, ISSN: 2278-0181
23.	Rishikesh Gaikwad, S. M. Arali	Modeling and Analysis of Human Femur Bone with Alternate Material, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 11, November 2020, pp 342-345, ISSN-2349-5162
24.	Prajakta Raosaheb Yadav, Prof. S. H. Limaye, Smita K Nandargi, Monali Gulame	Design and Analysis of Mounting Arrangement of the Rotary Turbine Control (RTC) Drive System, International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 09, September-2020, pp 244-258, ISSN: 2278-0181
25.	Sanket Gurav, Shridhar Limaye	Design of Durability Test Setup for S.S Braided Exhaust Pipe Used in Automobiles and Modal Analysis Base Frame of test setup, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 11, November 2020, pp 590-594, ISSN-2349-5162
26.	Sayali B. Pawar, Dr. Ranjit G. Todkar	Prediction of Design Margin for Diesel Exhaust Fluid Tank Bracket by FEA Approach, International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 09, September-2020, pp 162-168, ISSN: 2278-0181
27.	Sumit Sonawane, S. M. Arali, Venkateshwara Rao Nakka,	Design and analysis of Electronically controlled Pneumatic brake valve Components for commercial Vehicles, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 12, December 2020, pp 334-339, (ISSN-2349-5162)

28.	P. H. Patil, Dr. M. M. Khot	Effect of Boron Carbide Filler on Mechanical and Tribological Properties of Polytetrafluoroethylene Based Nanocomposite, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 9 September 2020, pp 225-230 (ISSN-2349-5162)
29.	AP Patil, BK Mishra, SP Harsha	Vibration based modelling of acoustic emission of rolling element bearings, Journal of Sound and Vibration, Volume 468, 2020, 115117 https://doi.org/10.1016/j.jsv.2019.115117
30.	AP Patil, BK Mishra, SP Harsha	A mechanics and signal processing based approach for estimating the size of spall in rolling element bearing, European Journal of Mechanics / A Solids, Volume 85, 2021, 104125 https://doi.org/10.1016/j.euromechsol.2020.104125
31.	AP Patil, BK Mishra, SP Harsha	Fault diagnosis of rolling element bearing using autonomous harmonic product spectrum method, Journal of Multi-body dynamics, In press https://doi.org/10.1177/1464419321994986
32.	AP Patil, BK Mishra, SP Harsha	Analytical model of rolling element bearing for studying its wear modelled as change in its clearance, Materials Today Proceedings, In press https://doi.org/10.1016/j.matpr.2021.01.576
33.	Aishwarya R Tarale, Dr. Kedar H. Inamdar	Comparative Analysis of Double Cover Single Bolted Butt Joint using ABS and PLA Material, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 9 Issue III Mar 2021, pp 468-474, ISSN: 2321-9653, https://doi.org/10.22214/ijraset.2021.33212
34.	Unnati Shaha, Dr. Kedar H. Inamdar	Optimizing process parameters of FDM printer using Design of Experiments Method, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 03, Mar 2021