

2016-17

Sr. No	Authors	Title	Details of Journal/Conference	Page Numbers	Citation
International Conference					
Dr.B.B.Ahuja					
1.	M. R. Dhanvijay, B. B. Ahuja, P.P. Chikate	Taguchi based Grey Relational Analysis of Al ₂ O ₃ ceramics using Vibro-rotary ECDM Process	December 16 - 18, 2016 6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] ISBN: 978-93-86256-27-0	1655-1658	
2.	Jagdish S Sarda, M. R. Dhanvijay, B. B. Ahuja	Experimental Investigation of E-Glass Epoxy Composites by Tool Vibrations using ECDM Process	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	1612-1615	
3	M.N. Shaikh, B.B. Ahuja, P.P. Chikate	Study of Surface Quality of ABS Material Post FDM Process	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	135-138	
4	B.N. Sontakke, B.B. Ahuja	Mechanical Characterization of Verowhite Polymer Material having Different Build Orientation using 3D Printing	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial	139-143	

			Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0		
5	S.M. Mule, S.U. Ghunage, B.B. Ahuja	Process Characterization of Resistance Spot Welding of Dual Phase Stainless (DP600) Steel	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	1189-1192	
Dr. (Mrs.) N. R. Rajhans					
6	Mr. Vicky B. Sardar, Dr. N.R.Rajhans	Study of the bias associated with the forecasting of intermittent demands	58th National Convention and International Conference on Smart Strategies for digital World – Industrial Engineering perspective, Shri Ramdeobaba College of Engineering and Management, Nagpur, 21-22 Oct 2016		
7	Mr. Tushar Prakash Prabhu, Mr. Ameya Gajanan Pathak, Dr. N.R.Rajhans	Forecasting of primary energy using time-series forecasting methods	58th National Convention and International Conference on Smart Strategies for digital World – Industrial Engineering perspective, Shri Ramdeobaba College of Engineering and Management, Nagpur, 21-22 Oct 2016		
8	Vicky B. Sardar, Dr. N.R. Rajhans, Ameya Pathak, Tushar Prabhu	Developments in silicone material for biomedical applications- A review	14th International Conference on Humanizing Work and Work Environment HWWE-2016		7
9	Snehal M. Raut, Harshwardhan Vairagade, Vicky B. Sardar,	Improvisation of productivity through layout optimization in manufacturing company of planetary gear boxes	6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016), December 16-18, 2016, at College of		

	Dr. N. R. Rajhans		Engineering., Pune, Maharashtra, INDIA		
10	Sujata Patil, V.B.Sardar, Dr. Ms. N.R.Rajhans	Optimization of a Gear Manufacturing industry layout using Simulation	6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016), December 16-18, 2016, at College of Engineering., Pune, Maharashtra, INDIA		1
11	Anurag A. Polshettiwar, Divyesh P. Trivedi, Mr. Vicky B. Sardar, Dr. N R Rajhans	Optimization of plant layout using simulation software	6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016), December 16-18, 2016, at College of Engineering., Pune, Maharashtra, INDIA		1
12	Ameya Y. Deokar, Aniruddha M. Bavdhankar, Ronak R. Degaonkar, Vicky B. Sardar, Dr. N. R. Rajhans	Simulation and optimization of layout of sheet metal manufacturing plant	6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016), December 16-18, 2016, at College of Engineering., Pune, Maharashtra, INDIA		
13	Ameya G. Pathak, Tushar P. Prabhu, Harshal B. Chaudhari, N. R. Rajhans	Development in Small Scale Multipurpose Fodder Harvester-A Review	14th International Conference on Humanizing Work and Work Environment HWWE-2016, NIT Jalandhar 2016		
14	Swati Razdan, Mayur Pirgal, Abhishek Hanchate, Mrs. N. R. Rajhans, Vicky Sardar	Application of Critical Path Method for Project Scheduling – A Case Study	International Conference on Manufacturing Excellence 2017, K.K.Wagh College of Engineering Nasik, 3,4th March 2017		3
15	Soham Mandavkar, Dr. (Mrs.) N.R. Rajhans	Implementation of Operating Characteristic (OC) curve to determine the probability of acceptance along with other	International Conference on Manufacturing Excellence 2017, K.K.Wagh College of Engineering Nasik, 3,4th March 2017		

		parameters for a single-sampling plan			
16	Ameya Pathak, Tushar Prabhu, Vicky Sardar, Dr. N. R. Rajhans	Inventory Management for a newly started Station	International Conference on Manufacturing Excellence 2017, K.K.Wagh College of Engineering Nasik, 3,4th March 2017		1
17	Susmita Anil Ukande, Vicky Sardar, Dr. N. R. Rajhans	Renewable Energy: opportunities and constraints in rural areas	International Conference on Manufacturing Excellence 2017, K.K.Wagh College of Engineering Nasik, 3,4th March 2017		
18	Harshvardhan Maheshwari, Dr. (Mrs.) N.R Rajhans	Research on Injection Mould Intelligent Cost Estimation System and Key Technologies	International Conference on Manufacturing Excellence 2017, K.K.Wagh College of Engineering Nasik, 3,4th March 2017		
19	Darshan Maheshwari, Dr (Mrs) N.R. Rajhans	Studying and Implementation of Electronic Procurement Processes in Organisations	International Conference on Manufacturing Excellence 2017, K.K.Wagh College of Engineering Nasik, 3,4th March 2017		
20	Gayatri Deshmukh, Kalyani Ikade, Chaitali Tapase, Dr (Mrs) N.R. Rajhans	Assessment of Human Performance Considering Human Behavior	International Conference on Manufacturing Excellence 2017, K.K.Wagh College of Engineering Nasik, 3,4th March 2017		
21	Pooja Deshmukh, Dr. N.R.Rajhans	Transient response analysis and speed control of an IC Engine	Manufacturing Excellence 2017, K.K.Wagh College of Engineering Nasik, 3,4th March 2017		
22	Deepali Bhadekar, Aishwarya Anbhule, Vicky Sardar, Dr. N R Rajhans	Comparison and Identification of optimum layout using Multi Criteria Decision Making	Vth Annual International conference on Operations Research and Statistics ORS 2017, 6-8 March 2017, Singapore		
Dr. Rajiv B.					
23	Kalyani V. Kanadkhedkar, Dr. Rajiv B.	Application of AHP for Design Selection	International Conference on Advanced and Agile Manufacturing and Agile		

		of Rotary Table System	Software Development, 06-07 Oct.2016. SGGS Institute of Engineering and Technology, Nanded.		
24	Mahendra Salunkhe, Dr Rajiv B	Motion Bubble Chart for Supply Chain Operation Optimization & Data Visualization for Decision Making	International Conference International Conference on Modern Era Research in Mechanical Engineering (MERME-16) in association with Institute of Engineers, India (IEI) Kolkata 29th-30th September 2016, RIT Sakharale		
25	Pankaj Gaigole, Dr Rajiv B.	MQL machining of high carbon high chromium (HCHCr) steel using vegetable oil	6th International & 27th All India Manufacturing Technology, Design and Research Conference from 16th-18thDecember, 2016 at College of Engineering Pune.	AIMT DR839	
26	Chaitali Gogare, Dr Rajiv B.	Elimination of oil leakage defect in V series Diesel Engines using the Six Sigma Technique.	6th International & 27th2016All India Manufacturing Technology, Design and Research Conference from 16th-18thDecember, 2016 at College of Engineering Pune.	AIMT DR 1164	
27	Apurv Kulkarni, Shreyas Badave, Rajiv.B	Reliability Analysis of Heat Exchanger Cycle Using Non-Parametric Method	ICMEAFM 2017: 19th International Conference on Mechanical Engineering and Applied Fluid Mechanics Dubai, UAE during May 19-20, 2017.		
28	Sayali Vyas, Atharva Desai, Shreyas Badave, Apurv Kulkarni, B. Rajiv	Critical Analysis of Heat Exchanger Cycle for Its Maintainability Using Failure Modes and Effect Analysis and Pareto Analysis,	ICMEAFM 2017: 19th International Conference on Mechanical Engineering and Applied Fluid Mechanics Dubai, UAE during May 19-20, 2017.		
Dr. A. V. Mulay					

29	Ravikiran Shinde, Sharadchandra Bansode, Sandesh Patil, Dr. Arati Mulay	Improvement of Surface Roughness of FDM Parts (ABS) using Vapour Polishing Technique	6 th International & 27 th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) College of Engineering, Pune, Maharashtra, INDIA, (16 th - 18 th December 2016)	122-125, ISBN: 978-93-86256-27-0.	
30	N.N. Kumbhar and A.V. Mulay	Finishing of Fused Deposition Modelling (FDM) Printed Parts by CO2 Laser	6 th International & 27 th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) At: College of Engineering, Pune, Maharashtra, INDIA Volume: I December 16-18, 2016	63-67	11
31	Ravikiran Shinde, Sharadchandra Bansode, Sandesh Patil and Dr. Arati Mulay	Improvement of Surface Roughness of FDM Parts (ABS) using Vapour Polishing Technique	6 th International & 27 th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) College of Engineering, Pune, Maharashtra, INDIA Volume: I December 16-18, 2016		
Dr. M.D. Jaybhaye					
32	Pranita Madke, M.D. Jaybhaye	Simulation of a Fuel Theft Detection System for Commercial Vehicles	International Conference on Modern Era Research in Mechanical Engineering-2016 organized by Rajarambapu Institute of Technology, Sakharale on 29-30 th September 2016	Paper ID 09	
33	V.A. Agrahari, M.D. Jaybhaye	Improvement in High Pressure Die Casting Die Changeover Time using Lean Manufacturing Principles	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	2141-2144	
Dr. B.U. Sonawane					

34	Jayant S. Karajagikar, Vikas Sojitra, B.U. Sonawane	Investigate the condition of single speed worm gearbox using ferrography and vibration analysis (Paper ID: AIMTDR2016-928)	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	2027-2032	2
35	N.K. Kamble, B.U. Sonawane, D.S. Mane, S.S. Sarnobat	Experimental Investigation and Analysis of Fluid Assisted Blank Holding System in Deep Drawing Process for Al Alloy 1050	6 th International and 27 th All India Manufacturing Technology, Design and Research Conference (AIMTDR2016) at College of Engineering, Pune, India, December 16-18, 2016	962-966	2
36	Sangramsingh Gaikwad, B.U. Sonawane	Optimization of Powder Metallurgy Process Line using Simulation Technique	6 th International and 27 th All India Manufacturing Technology, Design and Research Conference (AIMTDR2016) at College of Engineering, Pune, India, December 16-18, 2016	1852-1855	
37	N. K. Kamble, B. U. Sonawane, S. S. Sarnobat, P. R. Padave	Experimental Analysis of Process Parameters in Fluid Assisted Blank Holding System in Deep Drawing Process for Al 1050	IV TH International Conference on Production and Industrial Engineering, CPIE-2016, Dr B R Ambedkar National Institute of Technology, Jalandhar. (December 19-21, 2016) CPIE-2016_paper_158	1-10	
38	N. K. Kamble, B. U. Sonawane, S. S. Sarnobat	Experimental Investigation and Analysis of Fluid Assisted Blank Holding System in Deep Drawing Process for Al Alloy 1050 by Using Grey Relational Analysis	International Conference on Materials, Manufacturing and Design Engineering (ICMMD 2016) at Dr. Babasaheb Ambedkar Technological University, Maharashtra, 20 th and 21 st December 2016 ICMMD2016_paper_76.pdf	312-318	

39	Nitin Kamble, Dr. B.U. Sonawane	Analysis of Process parameters by using Fluid Assisted Blank Holding System [FAB] for the steel 2062	International Journal of Mechanical Engineering Research (IJMER), Volume 5, Issue 1, Date of Publication: 31 March 2017, ID: FPMER-050106, FOREX Publication, ISSN: 2347-470X	5-10	
Dr. S. M. Patil					
40	Sudhir M. Patil, Vivek B. Ranjan	Lead Time and Cost reduction using Value Stream Mapping for Manufacturing the Adaptable Gear Box	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	Paper No. 925	
Dr. P.D. Pantawane					
41	Mr. Rohit Zende, Mr. Eknath Kulkarni, Mr. P. D. Pantawane	Diameter and roundness measurement Using USB Data Acquisition System	Modern Era Research in Mechanical Engineering-2016 (MERME-16), 29th Sep 2016	250-253	
42	P.D. Pantawane, A.D. Pathak	Analysis of Surface Finish and Cutting Force Components in Dry and Cryogenic Turning of AISI A2 Tool Steel	<i>Proceedings of 6th International & 27th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) College of Engineering, Pune, Maharashtra, INDIA December 16-18, 2016, ISBN: 978-93-86256</i>	1162-1166	
Dr.S.S.Anasane					
43	Sandip S Anasane, B Bhattacharyya	Investigations into Micro Hole Generation on Titanium by Electrochemical Micromachining using Conical Disc Microtool	6 th international & 27 th All India Manufacturing Technology, Design and Research conference (AIMTDR-2016) College of Engineering Pune, December 16-18, 2016	1473-1479	
Dr. J.S. Karajagikar					

44	Jayant S. Karajagikar, Vikas Sojitra, B.U. Sonawane	Investigate the condition of single speed worm gearbox using ferrography and vibration analysis (Paper ID: AIMTDR2016-928)	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	2027-2032	2
45	Sawan Fefar, Jayant S. Karajagikar	A review on rapid tooling for electrodischarge machining process (Paper ID: AIMTDR2016-783)	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	90-94	
46	Ravi Kant, Parag M Bhuyan, Shrikrishna N. Joshi	Experimental Studies on Curvilinear Laser Bending of Thin Sheets	International Conference on Advanced Technologies for Social Applications (Techno-Societal 2016) held at Shri Vithal Education and Research Institute's College of Engineering, Pandharpur during Dec. 20-21, 2016,		
47	Aniruddha Bavdhankar, Jayant Karajagikar, Vicky Sardar, Vishal Sonawane, Atul Chaudhari	Implementation Of Six Sigma Tools to Improve Supply Chain Efficiency of An Electronic Goods Manufacturing Industry	3rd World Conference on Supply Chain Management 2017. Colombo, Shrilanka.		
Dr. M R Dhanvijay					
48	M. R. Dhanvijay, V.A. Kulkarni	Distortion reduction strategies for PCD run out of cam shaft gear	International Conference on Materials, Manufacturing and Design, Paper No.: iCMMD_paper_6, Dr. Babasaheb Ambedkar Technological University,		

			Lonere, 20 th and 21 st December 2016.		
49	M. R. Dhanvijay, B. B. Ahuja, P.P. Chikate	Taguchi based Grey Relational Analysis of Al ₂ O ₃ ceramics using Vibro-rotary ECDM Process	December 16 - 18, 2016 6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] ISBN: 978-93-86256-27-0	1655-1658	
50	Jagdish S Sarda, M. R. Dhanvijay, B. B. Ahuja	Experimental Investigation of E-Glass Epoxy Composites by Tool Vibrations using ECDM Process	6 th International and 27 th All India Manufacturing Technology Design and Research Conference (AIMTDR2016), Organized by Department of Production Engineering and Industrial Management, College of Engineering, Pune [COEP] December 16 - 18, 2016 ISBN: 978-93-86256-27-0	1612-1615	
51	V. A. Kulkarni, M. R. Dhanvijay	Investigation on Effect of Non-Standard Temperature in Conventional Micrometer Screw Gauge Dimensional Measurement System Using Statistical Process Control and Capability Analysis	AIMTDR2016-1279, 17/12/2016 6 th International & 27 th All India Manufacturing Technology, Design and Research Conference, (AIMTDR2016), December 16-18, 2016, at College of Engineering, Pune.		
Mr. S.U. Ghunage					
52	S.M. Mule ¹ , S.U. Ghunage ² and B.B. Ahuja ³	Process Characterization of Resistance Spot Welding of Dual Phase Stainless (DP600) Steel	Proceedings of 6 th International & 27 th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) College of Engineering, Pune, Maharashtra, INDIA December 16-18, 2016	1189-1192	1

53	Shantanu Dhanorkar ¹ and S.U. Ghunage ²	Opportunity Identification for Cost Reduction in Small Commercial Vehicle using Value Analysis	Proceedings of 6 th International & 27 th All India Manufacturing Technology, Design and Research Conference (AIMTDR-2016) College of Engineering, Pune, Maharashtra, INDIA December 16-18, 2016	2156-2159	
54	Shantanu Dhanorkar, S.U. Ghunage	Using VAVE for Cost Reduction in a Cabin of a Commercial Vehicle: A Case Study	International Conference on Modern Era Research In Mechanical Engineering-2016 organized by Rajarambapu Institute of Technology, Sakharale on 29-30 th September 2016		
National Conference					
Dr. A. V. Mulay					
1	A. A. Pawale, V. N. Chougule, W. N. Tamboli, A. V. Mulay	Review: Analysis and Manufacturing of Ankle Foot Orthosis for Foot Drop	6 th National Conference RDME 2017, 17 th - 18 th March 2017 DOI: 10.9790/1684-17010041215	12-15	5
2	W.N. Tamboli, V. N. Chougule, A.A.Pawale, A. V. Mulay	Partial Foot Amputation, Finite Element Analysis of Foot and Manufacturing of Prosthetic Sockets: A Review	6 th National Conference RDME 2017, 17 th - 18 th March 2017 DOI: 10.9790/1684-17010040106	1-6	
Dr. M R Dhanvijay					
3	M. R. Dhanvijay, B. B. Ahuja	Experimental Investigation on Al ₂ O ₃ Ceramics by Powder Mixed Electrochemical Discharge (PM-ECDM) Process	<i>Manufacturing Technology Today</i> (Published by CMTI, Bangalore), Vol. 15, Issue 8, August 2016,ISSN:0972-7396,	10-17	
	V.A. Kulkarni, B. B. Ahuja, M.R. Dhanvijay	CO-PO Mapping and Attainment Booklet for Tier-II students with Rubrics Assessment	Journal of Engineering Education Transformations, Volume 30, No 3, January 2017, ISSN, eISSN 2394-1707.		