



### Details of papers presented/published by students in conferences and journals

#### Summary

Level	Academic Year	No. of papers presented in Conferences	No. of papers published in Journals	Total
UG	2017-18	22	0	22
	2015-16	13	0	13
PG	2017-18	3	0	3
	2016-17	6	0	6
	2015-16	6	0	6
	2014-15	9	3	12
	2013-14	10	3	13

#### A) Students papers presented in Conferences (UG)

Academic Year	S.N.	Name of Student	Title of paper	Title of Conference
2017-18	1	S. M. Chandratre, N. H. Ezhava, N. S. Shukla, S. Singh,	Optimization In Cylindrical Grinding Of Stainless Steel (SS410) Shaft Using Taguchi Method And Principal Component Analysis	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	2	V.A.Deokar, S.V.	Cycle Time Reduction For Manufacturing Of Bearing	2 <sup>nd</sup> AIMTDR students Conference on



Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

		Avhad,S.R.Kadam	Bush Dies Using Value Stream Mapping	Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	3	Chinmay M. Bhalerao,	Wire Cut-Electric Discharge Machining (WEDM): A Review	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	4	Pallavi P.Waghrulkar,	Frictions Stir Welding: A Review	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	5	Ashwin Ghumare, Adwait Joglekar, Nachiket Patil	Improvement In Overall Equipment Effectiveness Of Centreless Grinding Machine	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	6	Viraj C. Ravale	Laser Sintering Process: A Review	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	7	Akash Dhavale,	Optimization of CNC Machine Parameters using Simulated annealing Optimization Method for Mild Steel	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	8	Deepali Kumbhar	Hydro-Mechanical Deep Drawing:A Review	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	9	Suyash Dongare, Chetan Dongare, Sameer Fegade, ChetanAhire	Review of Magnetic Abrasive Finishing Process	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics



Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

10	Rahul R.Kantak	Wankel Engine: A Review	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
11	Khushabu D.Nandan	Abrasive water jet machining: A Review	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
12	Sameer Fegade	An Efficient Product Development Model By Integrating Kano's Model Of Customer Satisfaction With QFD	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
13	Tejas Kadam, Nikhil Waghmare, Rohit Yesekar, Tukaram Zodge	Developing A System For Loading And Unloading Of Workpiece On Cnc Machine	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
14	Shreyash Anil Gaynar	Optimization of Turning Parameters Using Taguchi's Method And Artificial Bee Colony Optimization Method For Mild Steel	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
15	Aditya Jalihalkar, Saurabh Joshi, Subodh Tapase, Mihir Thakur, Rajesh Patil	Semi Automatic Fixture For Induction Hardening	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
16	Jadhav Pratish, Landge Ameya, Mogal Abhishek, Nerkar Aakash	Single Minute Exchange Of Dies On 1000 Tonne Press	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
17	Niraj Sharma,	Optimization of CNC Machine Parameters using Simulated annealing Optimization Method for Mild Steel	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics



Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

	18	Chandrakiran Patil, Pranav Dhonde,	Design And Development Of Solar Dryer For Agricultural Applications	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	19	Priya Bodade, Shruti Gaikwad, Mayuri Mali, Maitreyee Pandit,	Design And Manufacturing Of Semi-Automatic Glass Cleaning Machine	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	20	AmeY Savale, SushantYeole,	Design And Development Of Solar Dryer For Agricultural Applications	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	21	Akash Dhawale, Niraj Sharma,	Review on cryogenic process: application on carbide inserts	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	22	Prasad Mahale, Komal Palkhade, Rajesh Jha,	Cycle time reduction in manufacturing of outer tube of suspension front fork of an automobile	2 <sup>nd</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
2015-16	1	Ankita Kulkarni Kedar Upasani	Roll of Cubic Boron Nitride (CBN) in precision machining	1 <sup>st</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	2	Samarth Vagal Akshay Bhosale Sagar Bachpayee	Selection of Flexible Manufacturing system using Grey Relational analysis	
	3	Sachin kumar Ravish	Forecasting of Multiple solid waste with increase in Population	



Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

		Saniya Pathan		
	4	Shonit Jagtap Aswin Digrale	Productivity Improvement Based on Line balancing	
	5	Saurabh Vaidya Shubham Moharir	Design and Development of assembly fixture for Stretcher	
	6	Shrutika Dandekar Khushabu Kshirsagar	Mono composite leaf spring: an alternative multi leaf steel spring for automobile	
	7	Sachin kumar Ravish Saniya Pathan	Forecasting of Multiple solid waste with increase in Population	
	8	Akshay Mate,Gopinath Gore D. Chimnapure , N. Khutade	Design and Manufacturing of Electromagnetic Forming Model	
	9	Pankaj Gosavi Shubham Mogarkar	Development of Light Weight Ambulance Stretcher During Emergency Services	
	10	Swapnil Pagare, Vijay Vaishampayan Parikshit Sathe, Prasad Zope	Recent development and opportunities in research of shape memory alloys	



Department of Production Engineering  
 K. K. Wagh Institute of Engineering Education and Research  
 Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

	11	Tarte A. K. Wagh G. S.	Development of pneumatic gripper for handling of hot materials	
	12	Bhushan Jain Roshan Jaware Tanmay Joshi, Lokesh Mahale	Causes and mitigation techniques of defects in casting Process	
	13	Don Dominic Kurian	Reliability Improvement and failure analysis of an engine mounting bracket	

**A) Students papers presented in Conferences (PG)**

2017-18	1	S. K. Kulkarni	Modeling Of Hard-Chrome Electroplating Process By Neural Network	2nd AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	2	P. D. Bora,	A Study Of Process Parameters Of Sand Casting : A Review	2nd AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	3	Chetan Paraskar	Experimental Investigation and Optimization of wire drawing processes parameter	International Conference on Manufacturing and Industrial Engineering, pp.56. Organized by Indian Institution Industrial Engineering and MGM's Jawaharlal



Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

				Nehru Engineering College, Aurangabad.
2016-17	1	Paraskar Chetan Babu,	A Study of Process Parameters of Wire Drawing : A Review	International conference on Manufacturing Excellence (ICMAX-2017) organized by K.K.Wagh Institute of Engineering Education and research, Nashik (3-4 Mar,2017)
	2	Raj Bansode	Selection of Welding Electrode using Preference Ranking Organization Method for Enrichment Evaluations (PROMETHEE)	International conference on Manufacturing Excellence (ICMAX-2017) organized by K.K.Wagh Institute of Engineering Education and research, Nashik (3-4 Mar,2017)
	3	Jitendra Chavan	Multi-Response Optimization of Powder Mix Electrical Discharge Machining of Cobalt Bonded Tungsten Carbide using Grey Relation Analysis	International conference on Manufacturing Excellence (ICMAX-2017) organized by K.K.Wagh Institute of Engineering Education and research, Nashik (3-4 Mar,2017)
	4	N.J.Rathod	Fasteners Quality Improvement through Defects Identification and Analysis using Taguchi DOE	International conference on Manufacturing Excellence (ICMAX-2017) organized by K.K.Wagh Institute of Engineering Education and research, Nashik (3-4 Mar,2017)
	5	R. S.Deshmukh	High speed forming of aluminium sheet using electromagnetic forming	International conference on advanced and agile manufacturing and agile software development
	6	V. V. Kulkarni	Drawing of copper wire using stepped cone wire drawing machine:design and development	International conference on advanced and agile manufacturing and agile software development
2015-16	1	Rahul Soma Deshmukh	Multi Objective Optimization of Electroplating Process Using Genetic Algorithm	1 <sup>st</sup> AIMTDR students Conference on Advances in Industrial Engineering, Manufacturing, Tool Design and Robotics
	2	Umesh S. Vidhate	Multi objective optimization of AWJC Machining process using Non sorted Genetic Algorithm	



Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

	3	Mohit Arvind Nighote	Dynamic Behaviour Analysis Of Six axis Industrial Robot Gripper : A Review	
	4	H. M. Patil	Material Selection for front end structure of passenger bus using AHP and Performance Index method	
	5	Meda karan Venkatesh	Application of Optimizing techniques in auto ancillary industries for SCM	
	6	Rathod Nikhil Janardan	Fasteners quality improvement through defects identification and analysis using computer assistance	
2014-15	1	V.D.Wakchaure	A conceptual framework for effective implementation of integrated manufacturing practices	ASME 2015 Manufacturing Science & Engineering Conference (MSEC2015),
	2	Bhad Nitin	Application of Multi-Objective Taguchi method for optimization of Process parameter for resistance spot welding process	International Conference on Recent Trends in Engineering Sciences ICRTS'14
	3	Bhad Nitin	Application of Multi-Objective Taguchi method for optimization of Process parameter for EILD Grinding process	International Conference on Recent Trends in Engineering Sciences ICRTS'14
	4	Pingle Mangesh	Optimization of Pressure Vessel Using Taguchi Method	International Conference on Recent Trends in Engineering Science
	5	Pansare Sameer	Experimental Investigation of micro drilling using micro EDM on hard to cut metals	International Conference on Recent Trends in Engineering and Technology, Nashik
	6	Pansare Sameer	Parametric optimization of micro EDM process parameters by multi objective approach	National conference on mechanical engineering, material sciences and Mechatronics
	7	Ranade Pankaj	Experimental Investigation of Burr Height, Cylindricity and	Proceedings of National Conference on Mechanical





Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

			Surface Roughness in Step Drilling	Engineering, Materials Science and Mechatronics
	8	Rathi Srineeth	Development of an Expert System for Fatigue Design of Weld Joints	National Conference on Industrial Engineering and Technology Management, NCIETM – 2014, NITIE, Mumbai
	9	Kiran Thorve	Minimization of Wire Breakage in Wire Electric Discharge Machining of EN-19	International Conference on Recent Trends in Engineering Sciences ICRTS'14
2013-14	1	S.B.Gagare	Optimization of Water Content in Pure Alumina Extrusion Process	International Conference on Manufacturing Excellence (ICMAX-2013), J. J. T. U., Jhunjhunu, Rajasthan
	2	Bhad Nitin	Application of Taguchi method for optimization of Process parameter for resistance spot welding process	International Conference on Recent Trends in Engineering Sciences ICRTS'13
	3	Umap Ashish	Design and analysis of Composite patch repair to cracked metallic structure of aircraft using Taguchi method	international Conference on Advanced Engineering and Technology, Nagpur
	4	Sanap Vikas	Application of Taguchi method for optimization of Process parameter for EILD Grinding process	International Conference on Recent Trends in Engineering Sciences ICRTS'13
	5	Pingle Mahesh	Optimization of Pressure Vessel Using Taguchi Method	International Conference on Recent Trends in Engineering Science
	6	S. D. Ray	Press Tool Material Selection using AHP-TOPSIS Method'	International Conference on PRECISION, MESO, MICRO AND NANO ENGINEERING, (COPEN-8: 2013) organized by NIT Calicut, Kerala
	7	S. D. Ray	Selection of material for press tool using graph theory and matrix approach (GTMA)	International Conference on Advanced Engineering Optimization through Intelligent Techniques, organized by S. V. N. I. T.



Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

	8	M.Y. Khalkar	Optimum movement control of redundant manipulators using simulated annealing algorithm	<i>Proceeding of International Conference on Manufacturing excellence</i>
	9	H.R. Rana	Development of automatic fixture configuration using genetic algorithm	National Conference on 'Global Competitiveness Through Quick Response Manufacturing' organized GLA University Mathura and IPE Mathura Chapter
	10	G.B. Rayate	Multi-objective Optimization of Laser Beam Machining Process Parameters	National Conference on 'Global Competitiveness Through Quick Response Manufacturing' organized GLA University Mathura and IPE Mathura Chapter

### B) Students papers presented in Journal

Academic Year	S.N.	Name of Student	Title of paper	Title of Journal
2014-15	1	Rajeev Ranjan	Assembly line balancing using real coded genetic algorithm	International journal of scientific research in computer science and engineering, vol. 2, issue 4, Aug. 14
	2	Amol A. Chavan	A Kraljic's portfolio model for exploring the impact of purchasing strategies: a case study of boiler industry	Industrial engineering Journal, Vol. VII Issue no. 12, Dec. 2014
	3	Saurabh S. Patil	Identification of customer requirements using KANO model	Industrial engineering Journal, Vol. VII Issue no. 10, Nov. 2014
2013-14	1	Ray S.	Selection of material for forging die using graph theory and matrix approach (GTMA)	International journal of research in manufacturing technology & management, vol. 1, Issue-1, Dec. 2013



Department of Production Engineering  
K. K. Wagh Institute of Engineering Education and Research  
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422003

	2	P. P. Patil	Optimization on delamination of cutting parameter during drilling on GFRP plastics based on Taguchi Method	International journal on Mechanical and Production Engineering, vol. 1, Issue-4 Oct. 2013
	3	D. P. Kai-Kalal	Multi-objective optimization of grinding process parameters using NSGA-II	International Journal of Metaheuristic, vol. 2 no. 2, 2013.

Dr. P. J. Pawar  
Head, Department of Production Engineering