

Sr. No.	Authors	Title	Publication	Volume	Number	Pages	Year	Publisher
1	Kamble, PD, Bhoyar, Yash R; ;	Finite element analysis on temperature distribution in turning process using DEFORM-3D	International Journal of Research in Engineering and Technology	2	5	901-906	2013	
2	Kamble, Prashant,Sahare, Shilpa; Dubey, Divya N;	Experimental Investigation of machining operation under minimum quantity lubrication	International Journal of Innovations in Engineering and Technology (IJIET)	3		180-184	2013	
3	Kamble, PD, Bhoyar, YR; ;	Finite element analysis on temperature distribution of turning process	Int. J. Mod. Eng. Res	3	1	541-546	2013	
4	Kamble, PD, Shirpurkar, PP; ; Bobde, SR; Patil, VV;	Optimization of CNC Turning Process Parameters for Prediction of Surface Roughness by Taguchi Orthogonal Array	Int. J. Eng. Res. Technol	3	1	137-142	2014	
5	Kamble, Prashant D; Waghmare, Atul C; Askhedkar, Ramesh D; Sahare, Shilpa B;	Multi objective optimization of turning AISI 4340 steel considering spindle vibration using taguchi-fuzzy inference system	Materials Today: Proceedings	2	45781	3318-3326	2015	Elsevier
6	Kamble, PD; Ramteke, Mr Sangharatna; Harinkhere, Mr Prateek;	Multi-objective Optimization of CNC Turning Process Parameter's for AISI 1040 Alloy Steel Using Taguchi Based Approach: A Literature						
7	Khedkar, SS; Chaudhari, SS; Kamble, PD;	Analysis of 3-D Model in ANSYS 9.0 by Java Program and Macros Using Interlinking Concept Verification Though the CFD Analysis	Proceedings of the International Conference on Advances in Mechanical Engineering (AME 2010)			93-96	2010	
8	Haque, Anwarul; Amale, AB; Kamble, PD;	Multiple Optimization of wire EDM Machining Parameters Using Grey Based Taguchi Method for Material HCHCR	Int. J. Mod. Eng. Res	4	2	39-45	2014	
9	Tembhurkar, Chetan K; Kamble, Prashant D;	Computer aided design and analysis of air engine piston	2009 Second International Conference on Emerging Trends in Engineering & Technology			92-97	2009	IEEE
10	Kamble, PD; Untawale, SP; Sahare, SB;	Use of Magneto Abrasive Flow Machining to Increase Material Removal Rate and Surface Finish VSRD	International Journal of Mechanical, Auto. & Prod. Engg.	2	7		2012	
11	Kamble, Mr Prateek Harinkhere1 Prof PD; Ramteke, Mr Sangharatna;	Multi-objective Optimization of CNC Turning Process Parameter's for EN 9 forging Using Taguchi Based Approach: A Literature Review						

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12	Sable, Mr Chetan P; Kamble, PD; Dube, Mr Dhiraj D;	INTERNATIONAL JOURNAL OF RESEARCH IN AERONAUTICAL AND MECHANICAL ENGINEERING					2013	
13	Sahare, Shilpa B; Untawale, Sachin P; Chaudhari, Sharad S; Shrivastav, Rakesh L; Kamble, Prashant D;	Experimental investigation of end milling operation on Al2024	Materials Today: Proceedings	4	2	1357-1365	2017	Elsevier
14	Kamble, Prashant D; Waghmare, Atul C; Askhedkar, Ramesh D; Sahare, Shilpa B;	Multi objective optimization of turning parameters considering spindle vibration by Hybrid Taguchi Principal component analysis (HTPCA)	Materials Today: Proceedings	4	2	2077-2084	2017	Elsevier
15	Sahare, Shilpa B; Untawale, Sachin P; Chaudhari, Sharad S; Shrivastava, RL; Kamble, Prashant D;	Optimization of end milling process for Al2024-T4 aluminum by combined Taguchi and artificial neural network process	Soft Computing: Theories and Applications: Proceedings of SoCTA 2016, Volume 2			525-535	2018	Springer Singapore
16	Kamble, P.D.;	Optimization of Turning Process parameters- A Review	International Journal of Mechanical, Automobile & Production Engg. ISSN:2249-8303,		issue 3		2011	VSRD
17	KAMBLE, P.D.;	Automated gear shifting mechanism and electric drive in a bicycle	International Journal of Mechanical, Automobile & Production Engg. ISSN:2249-8303,		issue 4		2012	VSRD
18	KAMBLE, P.D.AC Waghmare, RD Askhedkar, SB Sahare;	Taguchi-Fuzzy inference system (TFIS) to optimize process parameters for turning AISI 4340 steel	Advances in Intelligent Systems and Computing, Springer publication,.	583	Online ISBN 978-981-10-DOI:-ht		2017	SPRINGER
19	P.D. KAMBLE, S.B. SAHARE;	Optimization of End milling Process for Al2024-T4 aluminium by combined Taguchi and Artificial Neural Network Process	Advances in Intelligent Systems and Computing,	583			2017	Springer publication
20	KAMBLE, P.D.;	Taguchi Approach for Experimental Investigation to Minimize Surface Roughness for Turning EN 24 Steel	International Journal for Research in Applied Science & Engineering Technology,(IJRASET), , ISSN: 2321-9653	5	Issue III		2017	IJRASET

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21	P.D. KAMBLE, A.C. WAGHMARE, R.D. ASKHEDKAR, S.B. SAHARE;	Application of Taguchi Technique to Minimize Tool Tip Temperature for Turning EN 24 steel	International Journal of Trend in Research and Development, , 2017 ISSN: 2394-9333	4	ISSUE 2		2017	www.ijtrd.com
22	P.D. KAMBLE, A.C. WAGHMARE.R.D. ASKHEDKAR, S.B. SAHARE;	Optimization of welding process parameter to minimize defect in welding of sheet	International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072	5	Issue: 05		2018	IRJET
23	Sheikh, A; Kamble, Prashant D;	Optimization of Welding Process Parameter to Minimize Defect in Welding of Sheet.	International Research Journal of Engineering and Technology (IRJET)	5	5		2018	
24	Rane, Vishwajeet N;	Prof. Ajinkya P. Edlabadkar, Prof. Prashant D. Kamble & Dr. Sharad S. Chaudhari, "Optimization of process parameters for resharpened HSS drill Using Taguchi Methods"	International Journal On Engineering Technology and Sciences	2		55-58	2015	
25	Prashant D. Kamble, Atul C. Waghmare, Ramesh D. Askhedkar, Shlipa B. Sahare, Mohan K, Mendhe;	Multi-Optimization of Machining Process Factors By Hybrid TGRA Method	National Conference of Emerging Trends im Mechanical Engineering (ETME-2019) at NIT Warangal				2019	
26	Shilpa B. Sahare, Dr. Sachin P. Untawale, P.D. Kamble, Dr. S.S. Chaudhari;	Application of Combined Taguchi GRA method to Optimize Milling Process Parameters	National Conference of Emerging Trends im Mechanical Engineering (ETME-2019) at NIT Warangal				2019	
27	Kamble, Prshant D.;	Design of Improved plant layout for higher productivity –A case study	National Conference on Advances in Engineering, Technology and Applied Sciences (SPANDAN-19), Department of Information Technology, YCCE, Nagpur			45809	2019	
28	Kamble, Prshant D.;	Literature review on a smart dustbin	National Conference on Advances in Engineering, Technology and Applied Sciences (SPANDAN-19), Department of Information Technology, YCCE, Nagpur			45809	2019	

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29	Kamble, Prshant D.;	Design and development of a smart dustbin	National Conference on Advances in Engineering, Technology and Applied Sciences (SPANDAN-19), Department of Information Technology, YCCE, Nagpur			45809	2019	
30	Birajdar, Rohit S; Kamble, PD;	Optimization of Forming Process Parameters for Appropriate Distribution of Wall Thickness in Car Wheel Disk using FEM and Taguchi						
31	Sahare, Shilpa B; Untawale, Sachin P; Kamble, Prashant D;	Experimental Investigation of End Milling Operation under Optimal Lubricant Use	International Journal on Recent and Innovation Trends in Computing and Communication	3	2	104-108		
32	Kamble, PD; Waghmare, AC; Askhedhar, RD; Sahare, SB; Khedkar, SS;	Optimization of Turning Operation–A Review	VSRD International Journal of Mechanical, Auto. & Prod. Engg	1	3		2011	
33	SABLE, M R CHETAN P; BLE, PDKAM; DUBE, M R DHIRAJ D.	INTERNATIONAL JOURNAL OF PURE AND APPLIED RESEARCH IN ENGINEERING AND TECHNOLOGY						
34	Rane, Vishwajeet N; Edlabadkar, Ajinkya P; Chaudhari, Sharad S; Kamble, Prashant D.	A review on optimization of drilling parameters using Taguchi methods	Journal of Emerging Technologies and Innovative Research	2	3	443-447	2015	
35	Kamble, Prashant D; Waghmare, Atul C; Ashedkar, RD; Sahare, Shilpa B;	Taguchi Application to optimize cutting force in turning AISI 4340 steel						
36	Kamble ⁵ , Nawaz N. Zaliya ¹ Bhushan B. Ramdham ² Rahul R. Sambare ³ Chandrakant S. Dhote ⁴ Prof. P. D.;	Fabrication of Waste Composter	IJSRD - International Journal for Scientific Research & Development	8	, Issue 1, 2020 ISSN (online): 2	45748	2020	IJSRD
37	Yaseer Phyrose, Dr. Devendra Deshmukh, Dr. Prashant D. Kamble, Rajesh G. Bodkhe;	Application of Field Programmable Gate Array (FPGA) for Data Acquisition System	TEST Engineering Management, ISSN: 0193 - 4120	1	1	Page No. 6405 - 6411	2020	The Mattingley Publishing Co. Inc

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38	Prashant D. Kamble, Shilpa B. Sahare;	Minimization of surface roughness for turning AISI 4340 steel using Taguchi Approach	5thInternational Conference on Industrial Engineering (ICIE-2019) & 61stNational Convention of Indian Institution of Industrial Engineering, SVNIT, Surat,			45809	2019	
39		Application of Field Programmable Gate Array (FPGA) for Data Acquisition System	International Conference on Innovation in Engineering Sciences, Management and Technology ICIESMT-2019			45809	2019	
40	KAMBLE, P.D.;	Design and Fabrication of Waste Composter	SPANDN 2020, ICCE, NAGPUR				2020	
41	Babar, UD; Garad, NM; Mohite, AA; Babar, BM; Shelke, HD; Kamble, PD; Pawar, IT.	Study the photovoltaic performance of pure and Cd-doped ZnO nanoparticles prepared by reflux method	Materials Today: Proceedings	43		2780-2785	2021	Elsevier
42	Kamble, PD; Untawale, SP; Sahare, SB;	Use of magneto abrasive flow machining to increase material removal rate and surface finish	International Journal of Mechanical, Automobile& Production Engineering	2	7	249-262	2012	
43	Mendhe, MK; Jachak, SR; Kamble, PD; Sangotra, DI; Kalde, A.	Space optimized design of a flywheel for punching press	Journal of Physics: Conference Series	1913	1	12131	2021	IOP Publishing
44	Kamble, Prashant D; Waghmare, Atul C; Sahare, Ramesh D Askhedkar3and Shilpa B.	PERFORMANCE EVALUATION IN TURNING AISI 4340 STEEL BY HYBRID TAGUCHI-FUZZY INFERENCE SYSTEM (HTFIS)						
45	Sahare, Shilpa B; Untawale, Sachin P; Kamble, Prashant D; Chaudhari, SS; Balvir, Trupati;	Experimental investigation of milling process under optimum lubricant use	Journal of Physics: Conference Series	1913	1	12113	2021	IOP Publishing
46	Kamble, Prashant D; Waghmare, Atul C; Askhedkar, Ramesh D; Sahare, Shilpa B; Singh, Brij R.	Application of hybrid Taguchi-Grey relational analysis (HTGRA) multi-optimization technique to minimize surface roughness and tool wear in turning AISI4340 steel	Journal of Physics: Conference Series	1913	1	12142	2021	IOP Publishing
47	Kamble, Prashant D; Waghmare, Atul C; Askhedkar, Ramesh D; Sahare, Shilpa B; Patil, Manoj; Prayagi, Sunil V;	Performance evaluation of CNC turning process for tool tip temperature and tool wear by Taguchi method	Materials Today: Proceedings	62		981-986	2022	Elsevier

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48	Prashant Kamble, Mohit Gajjaralwar, Aditya Deshpande, Kshitij Nimje and Shilpa Sahare;	Design and Fabrication of Electric Bicycle Powered by Solar Cells	4th International Conference on Recent Scientific and Technological Trends				2022	
49	Prashant Kamble, Ketan Fulzele, Nikhil Shahare and Ritik Rane;	Automated Sanitizing Machine for Recording Thermal Detection and Hygiene Application	4th International Conference on Recent Scientific and Technological Trends				2022	
50	Prashant Kamble, Janhavi Sanap, Abhiroop Sarkar, Akash Dubey, Ameya Kumbhare, Ankit Tahaliyani and Arojit Mishra;	Literature Review on Optimization of Drilling Process by Taguchi Method	4th International Conference on Recent Scientific and Technological Trends				2022	
51	Prashant Kamble, Divya Zile, Prerna Morkhade, Sonal Katre, Yamini Hattimare, Aditya Sankale and Atharva Jadhav;	Literature Review on Optimization of Turning Process by Taguchi Method	4th International Conference on Recent Scientific and Technological Trends				2022	
52	Prashant Kamble, Jayant Parwate, Prajwal Nerkar, Sonal Katre and Shilpa Sahare;	Design and Fabrication of attachable kit for mixing fertilizers and pesticides used in Agriculture Spraying Pump	4th International Conference on Recent Scientific and Technological Trends				2022	
53	Prashant Kamble, Atharva Mankar, Krushna Gadade, Manish Prasad, Mayur Nandankar, Rugved Tekade and Aalaji Banubakode;	Literature Review on Optimization of Milling Process by Taguchi Method	4th International Conference on Recent Scientific and Technological Trends				2022	
54	Prashant Kamble, Bhushit Wanjari, Dikshant Kamble, Kartik Wanjari, Rohit Rayanutala, Sanskar Jain and Prakash Shivam;	Literature Review on Optimization of Turning Process by Factorial and Response Surface (RSM) Method	4th International Conference on Recent Scientific and Technological Trends				2022	
55	Sunny S. Ramteke, Prashant .D. Kamble;	Experimental Study on Removing Wrinkle Defect	International Journal for Research in Applied Science & Engineering Technology	10	5		2022	IJRASET
56	Ramteke, Mr Sunny S; Kamble, PD; Waghe, UP;	Experimental Study on Removing Wrinkle Defect						
57	Sahare, Shilpa B; Untawale, Sachin P; Shrivastava, RL; Kamble, PD; Chaudhari, SS;	Experimental Investigation of End Milling Under Optimal Lubricant Use	61st 5th			765	2019	

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59	Patil, BM; Patil, VL; Bhosale, SR; Kamble, PD; Patil, PS; Vanalakar, SA;	Photo-electrochemical performance of Cu ₂ ZnSnS ₄ thin films prepared via successive ionic layer adsorption and reaction method	Chemical Physics Letters	809		140131	2022	North-Holland
60	Kamble, Prashant D; Fulzele, Ketan; Shahare, Nikhil; Rane, Ritik; Sahare, Shilpa B; Gaidhani, Yashika;	Automated Sanitizing Machine for Recording Thermal Detection and Hygiene Application	IOP Conference Series: Materials Science and Engineering	1259	1	12037	2022	IOP Publishing
61	Jain, Sachin Kumar; Joshi, Manasi; Bankar, Harshal; Kamble, Prashant; Yadav, Prasad; Karanth, Nagesh;	Measurement and Prediction of Sound Absorption of Sound Package Materials in Large and Small Reverberation Chambers					2017	SAE Technical Paper
62	IndSurg Collaborative Group; Bhandoria, G; Gadgil, A; Khajanchi, M; Sarang, B; Kizhakke Veetil, D; Wadhawan, R; Bhandarkar, P; Mohan, M; Shah, P;	Effects of the COVID-19 pandemic on delivery of emergency surgical care in India	British Journal of Surgery	108	4	e154-e155	2021	Oxford University Press
63	Pachundkar, N; Kamble, P; Patil, P; Gagare, P;	Management of gram pod borer <i>H. armigera</i> in chickpea with neem seed kernel extract as a natural pest management practice in Bhojdari village	Int J Curr Res	5	10	2934- 2935	2013	
64	Jain, Samarvir; Mahajan, Anshul; Patil, Priti; Bhandarkar, Prashant; Sarang, Bhakti; Bains, Lovenish; Bhandoria, Geetu; Khajanchi, Monty; Veetil, Deepa Kizhakke; Mohan,	Understanding the effect of COVID-19 pandemic on emergency surgical care delivery in India: A multicenter cross-sectional study					2022	
65	Kamble, Prashant D; Waghmare, Atul C; Askhedkar, Ramesh D; Sahare, Shilpa B;	Prediction of response parameter for turning AISI 4340 steel using hybrid Taguchi-ANN method (HTAM)	Recent Advances in Material, Manufacturing, and Machine Learning			185-193	2023	CRC Press
66	Kamble, Prashant D; Waghmare, Atul C; Askhedkar, RD; Sahare, Shilpa B;	EXPERIMENTAL INVESTIGATION TO MAXIMIZE MATERIAL REMOVAL RATE FOR TURNING EN 24 STEEL BY TAGUCHI APPROACH						

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67	Kamble, Prashant D; Giri, Jayant; Makki, Emad; Sunheriya, Neeraj; Sahare, Shilpa B; Chadge, Rajkumar; Mahatme, Chetan; Giri, Pallavi; Panchal, Hitesh;	An application of hybrid Taguchi-ANN to predict tool wear for turning EN24 material	AIP Advances	14	1		2024	AIP Publishing
68	Kamble, Prashant; Parwate, Jayant; Nerkar, Prajwal; Katre, Sonal; Sahare, Shilpa;	A NEED FOR PREVENTION OF UNEVEN MIXING OF PESTICIDES, FERTILIZERS AND NUTRIENTS IN SPRAYER PUMP						
69	Patil, BM; Patil, VL; Bhosale, SR; Bhosale, RR; Ingavale, DR; Patil, SS; Kamble, PD; Bhosale, AG; Mane, Sagar M; Lee, Jaewoong;	Field application of Ca-doped ZnO nanoparticles to maize and wheat plants	Plant Physiology and Biochemistry	210		108552	2024	Elsevier Masson
70	Sable, Kalyani P; Satarkar, SL;	International Journal of Emerging Trends in Research						
71	Patankar, SR; Gokul, S; Choudhary, S; Kamble, P;	Salivary Proteome Profiling in Oral Submucous Fibrosis and Oral Cancer	Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology	132	1	e33	2021	Mosby
72	Bodkhe, Rajesh G; Shrivastava, Rakesh L; Chadge, Rajkumar B; Kamble, Prashant D; Soni, Vinodkumar;	Experimental analysis of solar powered proton exchange membrane electrolyser and fuel cell system	Recent Advances in Material, Manufacturing, and Machine Learning			659-663	2024	CRC Press
73	Jachak, Shrikant; Gaurkar, Sahil; Thakre, Avinash; Jachak, Malhaar; Sunheriya, Neeraj; Kamble, Prashant;	Measurement of flank wears using edge detection method	Recent Advances in Material, Manufacturing, and Machine Learning			798-804	2024	CRC Press
74	Kamble, Prashant D; Sahare, Shilpa B; Untawale, SP; Mehta, HD;	Taguchi Design of Experiments to Optimize Material Removal Rate in Turning AISI 4340 Steel	Journal of Physics: Conference Series	2763	1	12013	2024	IOP Publishing
75	Thakare, Vijay; Sunheriya, Neeraj; Khedkar, Sandeep; Kamble, Prashant; Sahare, Shilpa;	Application of solar energy with weeding robot in agriculture field	AIP Conference Proceedings	3139	1		2024	AIP Publishing
76	Kamble, Prashant D; Thakre, Ritesh D; Sahare, Shilpa; Shirpurkar, PP; Sunheriya, Neeraj; Mehta, Hina;	Experimental investigation of digging machine powered by solar energy	AIP Conference Proceedings	3139	1		2024	AIP Publishing

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78	Mungle, Nischal P; Kamble, Prashant D; Waghmare, Subhash N; Lanjewar, Prashant S; K Mandavgade, Nitin;	Performance assessment of solar dryer to remove moisture from beans	AIP Conference Proceedings	3214	1		2024	AIP Publishing
79	Sanare, Shilpa B; Kamble, Prashant D; Surywanshi, Vinod;	Optimization of surface roughness during CNC milling of aluminum AI2023 by Taguchi method	AIP Conference Proceedings	3214	1		2024	AIP Publishing
80	Kamble, PD; Dupare, Saurabh; Shrimalwar, Avadhut; Lonkar, Kshitij; Jambewar, Rushikesh; Korde, VM; Sahare, SB;	Design improvement of automobile radiator using evaporative cooling system: a literature review	Technological Innovations & Applications in Industry 4.0			159-165		CRC Press
81	Sahare, Shilpa; Kamble, Prashant; Giri, Jayant; Sunheriya, Neeraj; Sathish, T; Chadge, Rajkumar; Parthiban, A;	Multi objective optimization of cutting parameters of end milling operation by Taguchi Grey	Interactions	245	1			Springer Science and Business Media LLC
82	Edlabadkar, AP; Chaudhari, SS; Kamble, PD; Mankar, C; Kashyap, DN;	Empirical Exploration of Optimal Gating System Design for Sand Casting Process	African Journal of Applied Research	11	1	871-891	2025	