

3.4.5: Research publications – Number of research papers published per teacher of the institution in the Journals notified by UGC care list during the last five years (20)

Total no. of Faculty		30
Total no. of Papers		120
No of papers per Faculty member		4.00

3.4.5.1 Number of research papers published by the faculty of the Institution in the Journals notified by UGC care list

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of Journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	Weld joint design and thermal aging influence on the metallurgical, sensitization and pitting corrosion behavior of AISI 304L stainless steel welds., Vol 33(2018) 126-135.	Jastej Singh and A.S. Shahi	Mechanical	Journal of Manufacturing Processes	2018	1526-6125	https://www.journals.elsevier.com/journal-of-manufacturing-processes https://mjl.clarivate.com/search-results?issn=1526-6125&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
2	A Three-Dimensional Thermal Finite Element Analysis of AISI 304 Stainless Steel and Copper Dissimilar Weldment	G Singh, RK Saxena, S Pandey	Mechanical	AIP Conf. Proc	2018	1551-7616	https://aip.scitation.org/journal/apc https://www.scopus.com/sourceid/26916
3	A comparative study to evaluate the corrosion performance of Zr incorporated Cr3C2-(NiCr) coating at 900° C	Lalit Ahuja, Deepa Mudgal, Surendra Singh, Satya Prakash	Mechanical	Ceramics International	2018	0272-8842	https://www.journals.elsevier.com/ceramics-international https://mjl.clarivate.com/search-results?issn=0272-8842&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
4	Fabrication of Micro-Channels on Pure-Ti by USM and Its Surface Roughness Analysis	Rahul Gupta, Pardeep Gupta	Mechanical	Ciencia e Tecnica, Vitivinicola	2018	2416-3953	https://mjl.clarivate.com/search-results?issn=2416-3953&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
5	Predicting impact behavior of friction stir welded ZE-41 Magnesium alloy joints	Bhupinder Singh, Kulwant Singh and V.Sahni	Mechanical	Indian Journal of Science and Technology	2018	0974-5645	https://mjl.clarivate.com/journal-profile
6	A Simulation Study for Investigation of Routing Flexibility on Performance in FMS Environment	Amrik Singh, Jagtar Singh and Mohammed Ali	Mechanical	Indian Journal of Science and Technology	2018	0974-5645	https://indjst.org/archives https://mjl.clarivate.com/search-results?issn=0974-6846&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
7	Effect of Copper and Magnesium Stoichiometric Additions and Thermal Aging on the Mechanical Properties of Cast Aluminium Alloys	R Kumar, V Sahni	Mechanical	Indian Journal of Science and Technology	2018	0974-5645	https://indjst.org/archives https://mjl.clarivate.com/search-results?issn=0974-6846&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
8	Modeling of the effect of process parameters on tensile strength of friction stir welded rare earth ZE-41 magnesium alloy joints	Bhupinder Singh, Kulwant Singh and V.Sahni,	Mechanical	International Journal of Applied Engineering Research	2018	0973-9769	https://www.scopus.com/sourceid/21100217234
9	Advanced Surface Finishing Processes: A Comprehensive Review & Future Research Directions	Gagandeep Singh, Arvind Jayant	Mechanical	International Journal of Engineering Science and Technology	2018	2141-2820	
10	A state-of-art literature survey of Grey Relational Analysis (GRA) applications in competitive business environment	Arvind Jayant; Vikrant Giri; Pradeep K. Singh; Sunil Luthra	Mechanical	International journal of industrial and systems engineering	2018	1748-5045	https://www.inderscience.com/jhome.php?jcode=ijise https://www.scopus.com/sourceid/5800179616
11	Mechanical and Metallurgical Properties of Friction Stir Welded Magnesium Alloy Joints Using Different Pin Profiles”	Bhupinder Singh, Kulwant Singh and V.Sahni,	Mechanical	International Journal of Mechanical and Production Engineering	2018	2321-2071	https://ijmpe.iraaj.in/ https://mjl.clarivate.com/search-results?issn=2229-8649&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
12	The impact of total productive maintenance on key performance indicators (PQCDSM)-A case study of automobile manufacturing sector	Richa Sharma, Jagtar Singh, Vikas Rastogi	Mechanical	International Journal of Productivity and Quality Management	2018	1746-6474	https://www.inderscience.com/jhome.php?jcode=ijpqm https://www.scopus.com/sourceid/5700165165
13	Quenched and tempered steel welded with micro-alloyed based ferritic fillers	Varun Sharma and A. S. Shahi	Mechanical	Journal of Materials Processing Technology	2018	0924-0136	https://www.sciencedirect.com/journal/journal-of-materials-processing-technology https://mjl.clarivate.com/search-results?issn=0924-0136&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
14	Effect of weld cooling rates on mechanical and metallurgical properties of submerged arc welded pressure vessel steel	Harish Kumar Arya, Kulwant Singh, Ravinder K Saxena	Mechanical	Journal of Pressure Vessel Technology	2018	ISSN 0094-9930	https://asmedigitalcollection.asme.org/pressurevesseltech https://mjl.clarivate.com/search-results?issn=0094-9930&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
15	Processing of materials at cryogenic temperature and its implications in manufacturing: A review	Anil Singla, Jagtar Singh, Vishal Sharma	Mechanical	Materials and Manufacturing Processes,	2018	Print ISSN: 1042-6914 Online ISSN: 1532-2475	https://www.tandfonline.com/loi/lmmp20 https://mjl.clarivate.com/search-results?issn=1042-6914&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
16	Some investigations into machining of AISI D2 tool steel using wire electro discharge machining (WEDM) process	SK Chaubey, S Singh, A Singh	Mechanical	Materials Today Proceedings (Elsevier)	2018	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings https://www.scopus.com/sourceid/21100370037

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17	Metallurgical Behavior of Duplex Stainless Steel 2205 Joints Welded using GTAW And FCAW Process	Mohd Majid, A.S Shahi	Mechanical	Indian Journal of Science and Technology, ISSN (Print) :	2018	0974-6846 ISSN (Online) : 0974-5645	https://indjst.org/archives https://mjl.clarivate.com/search-results?issn=0974-6846&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
18	Effect of cryogenic treatment on the wear resistance and microstructure of Ti-6Al-4V",	Anil Kumar Singla, Jagtar Singh, Puneet Kumar, Anumay Kumar, Vishal S. Sharma,	Mechanical	Indian Journal of Engineering and Material Sciences,	2018	ISSN: 0971-4588 (print) 0975-1017 (Online)	https://mjl.clarivate.com/search-results?issn=0971-4588&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results
19	Arduino Based Economic and Real Time Consumption Rate Computing	Shivesh Kumar, Sunil Kumar	Mechanical	Universal Journal of Mechanical Engineering	2019	2332-3361	https://www.hrpub.org/journals/jour_info.php?id=51 https://www.scopus.com/sourceid/21100855996
20	Some feasible studies for recycling of steel slag as a useful flux for submerged arc welding	Sumit Saini and Kulwant Singh	Mechanical	Journal of Advanced Manufacturing Systems	2019	1793-6896	https://www.worldscientific.com/worldscinet/jams https://mjl.clarivate.com/search-results?issn=0219-6867&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
21	Experimental investigation on surface characteristics in Electrical Discharge Surface Grinding (EDSG) of 6061Al/Al2O3p 10% composite",	HK SS R. Choudhary	Mechanical	Advances in Materials and Processing Technologies	2019	2374-0698	https://www.tandfonline.com/toc/tmpt20/current https://mjl.clarivate.com/search-results?issn=2374-068X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
22	Manufacturing Excellence through Total Productive Maintenance Implementation in an Indian Industry: A Case Study	Gupta P., Hooda A.	Mechanical	International Journal of Mechanical and Production Engineering, Research and Development	2019	2321-2071	https://ijmpe.iraj.in/ https://mjl.clarivate.com/search-results?issn=2229-8649&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
23	Study on Morphology and Mechanical Properties of Stoichiometrically Developed Al-Cu-Mg Cast Alloy	R Kumar, V Sahni	Mechanical	International Journal of Mechanical Engineering and Technology	2019	0976-6359	https://journals.indexcopernicus.com/search/details?id=40843 https://www.scopus.com/sourceid/21100808402
24	An Intelligent Simulation based case study of Indian Micro Small Medium Enterprise (MSME) of farm equipment Manufacturing" IOP Journal of Physics, Volume 1240, 012030. (ISSN: 1742-6596). I.F.=0.22 (SCI)	Arvind Jayant, Janpriy Sharma	Mechanical	IOP Journal of Physics	2019	1742-6596	https://iopscience.iop.org/journal/1742-6596 https://www.scopus.com/sourceid/130053
25	Simulation based design of Production and Multi echelon supply chain network for job shop manufacturing environment: A Case Study	Janpriy Sharma, Arvind Jayant, Mohit Tyagi	Mechanical	IOP Journal of Physics	2019	1742-6597	https://iopscience.iop.org/journal/1742-6597 https://www.scopus.com/sourceid/130054
26	Sustainable supplier selection for battery manufacturing industry: A MOORA and WASPAS Based Approach	Arvind Jayant, Shweta Singh, Aditya Kumar Chandan	Mechanical	IOP Journal of Physics	2019	1742-6598	https://iopscience.iop.org/journal/1742-6598 https://www.scopus.com/sourceid/130055
27	Impact of cryogenic treatment on mechanical behaviour and microstructure of Ti-6Al-4V ELI biomaterial,	Anil Singla, Jagtar Singh, Vishal Sharma	Mechanical	Journal of Materials Engineering and Performance	2019	1059-9495 / 1544-1024	https://www.springer.com/journal/11665 https://mjl.clarivate.com/search-results?issn=1059-9495&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
28	Metallurgical, impact and fatigue performance of electron beam welded duplex stainless steel joints	Jastej Singh and A.S. Shahi,	Mechanical	Journal of Materials Processing Technology	2019	0924-0136	https://www.sciencedirect.com/journal/journal-of-materials-processing-technology https://mjl.clarivate.com/search-results?issn=0924-0136&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
29	An experimental investigation into heat transfer characteristics of aqua based Cu nanofluid for automobile radiator	RKY Nitin Mahay	Mechanical	Journal of Physics : Conference Series	2019	1742-6588	https://iopscience.iop.org/journal/1742-6596 https://www.scopus.com/sourceid/130053
30	Multi-response Optimization using TGRA for End Milling of AISI H11 Steel Alloy Using Carbide End Mill	Pradeep K Singh, Pardeep Saini and Kanish Kumar	Mechanical	Journal of Physics: Conference Series	2019	1742-6588	https://iopscience.iop.org/journal/1742-6597 https://www.scopus.com/sourceid/130054
31	Design and Development of Spin Welding Machine for Thermoplastics	T Bindal, RK Saxena, S Pandey	Mechanical	Journal of Physics: Conference Series	2019	1742-6588	https://iopscience.iop.org/journal/1742-6598 https://www.scopus.com/sourceid/130055
32	Determination of Lemaitre damage parameters for DP590 steel using Teacher-Learner based optimization	A Verma, RK Saxena	Mechanical	Journal of Physics: Conference Series	2019	1742-6588	https://iopscience.iop.org/journal/1742-6599 https://www.scopus.com/sourceid/130056
33	Slurry Erosion Behavior of HVOF-Sprayed WC-10Co-4Cr Coated SS 316 Steel with and Without PTFE Modification,	Anuj Bansal Jagtar Singh Harpreet Singh	Mechanical	Journal of Thermal Spray Technology	2019	1059-9630	https://www.springer.com/journal/11666 https://mjl.clarivate.com/search-results?issn=1059-9630&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal

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34	EROSION WEAR EVALUATION OF HVOF SPRAYED WC-12CO COATING ON SOME PIPELINE MATERIALS USING TAGUCHI APPROACH	Singh, P., Bansal, A., and Goyal, D. K.	Mechanical	Kovove Mater.	2019	1338-4252	http://www.kovmat.sav.sk/ https://mjl.clarivate.com/search-results?issn=0023-432X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
35	A Novel Multi-Criteria Decision Framework for Evaluating Green Supply Chain Management Practices: A Case Study	Neeru, Arvind Jayant, Arvind Tiwari	Mechanical	Lecture Notes in Mechanical Engineering (Springer Publication)	2019	2195-4364	https://www.springer.com/series/11236 https://www.scopus.com/sourceid/21100431311
36	A robust hybrid multi-criteria decision-making approach for selection of third-party reverse logistics service provider	Shweta Singh, Arvind Jayant, Tanmay Walke	Mechanical	Lecture Notes in Mechanical Engineering (Springer Publication)	2019	2195-4365	https://www.springer.com/series/11237 https://www.scopus.com/sourceid/21100431311
37	Application of Machine Learning Technique for demand forecasting: A Case Study of manufacturing industry	Anshul Agarwal Arvind Jayant, Vaibhav Gupta	Mechanical	Lecture Notes in Mechanical Engineering (Springer Publication)	2019	2195-4365	https://www.springer.com/series/11238 https://www.scopus.com/sourceid/21100431311
38	Low Carbon Supply Chain Management: A Fuzzy-DEMATEL Analysis of Some Practical Issues of Indian Manufacturing Industries	Vivek Gupta, Arvind Jayant	Mechanical	Lecture Notes in Mechanical Engineering (Springer Publication)	2019	2195-4365	https://www.springer.com/series/11236 https://www.scopus.com/sourceid/21100431311
39	Influence of intermetallic precipitation on metallurgical, mechanical and pitting behavior of AISI 2205 duplex stainless steel welded joints	Mohd. Majid and A. S. Shahi	Mechanical	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591 https://mjl.clarivate.com/search-results?issn=2053-1591&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
40	Weld metal composition and aging influence on metallurgical, corrosion and fatigue crack growth behavior of austenitic stainless steel welds	Dikshant Malhotra and A. S. Shahi	Mechanical	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1592 https://mjl.clarivate.com/search-results?issn=2053-1591&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
41	Investigation of Tribological Behaviour of Al-4032 Based Metal Matrix Composite using Taguchi's Optimization Approach	Deepak Kumar and Pradeep K.Singh	Mechanical	Materials Today: Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings https://www.scopus.com/sourceid/21100370037
42	Modelling Creep Response of a Functionally Graded Rotating Disc with Exponential Reinforcement Gradient	R Singh, RK Saxena, K Khanna, VK Gupta	Mechanical	Materials Today: Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings https://www.scopus.com/sourceid/21100370037
43	Influence of different filler weld wire chemistries on metallurgical and mechanical behavior of ultrahigh strength steel welded joints, , https://doi.org/10.1177/1464420719844798 .	Varun Sharma, AS Shahi and Subodh Kumar	Mechanical	Proceedings of the Institution of Mechanical Engineers, Part L, Journal of Materials: Design and Applications	2019	2041-3076	https://journals.sagepub.com/home/pil https://www.scopus.com/sourceid/20971
44	A new method to generate artificial microstructure of dual phase steel using Teacher-Learner Based Optimization	A Verma, RK Saxena	Mechanical	Sadhna, Springer	2019	0973-7677	https://www.springer.com/journal/12047 https://mjl.clarivate.com/search-results?issn=0256-2499&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
45	Impact Toughness, Fatigue Crack Growth and Corrosion Behavior of Thermally Aged UNS S32205 Duplex Stainless Steel	Jastej Singh and A.S. Shahi	Mechanical	Transactions of Indian Institute of Metals	2019	0975-1645	https://www.springer.com/journal/12667 https://mjl.clarivate.com/search-results?issn=0972-2815&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
46	A case study on quality improvement of connecting rod assembly line using Six Sigma DMAIC cycle	Sunil Kumar; Gayatri Brahma; Prabhkiran Kaur; Brijesh Kumar Gupta,	Mechanical	International Journal of Six Sigma and Competitive Advantage	2020	1479-2753	https://www.inderscience.com/home.php?jcode=ijssca https://www.scopus.com/sourceid/4500151510
47	Impact of implementing TPM Based Tool Cost Management Approach in Indian Manufacturing Industry	Pardeep Gupta & Sachit Vardhan	Mechanical	Int. J. of Services and Operations Management	2020	1744-2389	
48	Hybrid Response Surface Method-African Buffalo Optimization Technique for Ultrasonic Production of Biodiesel from Waste Cooking Oil using Li doped CaO Nanocatalyst	Upender Dhull & Pardeep Gupta	Mechanical	International Journal of Innovative Technology and Exploring Engineering	2020	2278-3075	https://www.ijtee.org/ https://www.scopus.com/sourceid/21100889409
49	Metallurgical and corrosion characterization of electron beam welded duplex stainless steel joints	Jastej Singh and A.S. Shahi	Mechanical	Journal of Manufacturing Processes	2020	1526-6125	https://www.journals.elsevier.com/journal-of-manufacturing-processes https://mjl.clarivate.com/search-results?issn=1526-6125&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
50	Bearing defect size assessment using wavelet transform based Deep Convolutional Neural Network (DCNN)	A Kumar, Y Zhou, CP Gandhi, R Kumar, J Xiang	Mechanical	Alexandria Engineering Journal	2020	1110-0168	https://www.journals.elsevier.com/alexandria-engineering-journal https://mjl.clarivate.com/search-results?issn=1110-0168&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal

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51	Impact of Cryogenic Treatment on HCF and FCP Performance of β -Solution Treated Ti-6Al-4V ELI	Singla, A.K.; Singh, J.; Sharma, V.S.; Gupta, M.K.; Song, Q.; Rozumek, D.; Krolczyk, G.M.	Mechanical	Materials	2020	1996-1944	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7040581/ https://mjl.clarivate.com/search-results?issn=1996-1944&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
52	Predicting tensile-shear strength of nugget using M5P model tree and random forest: An analysis	Subrat Kumar Dang, Kulwant Singh	Mechanical	Computers in Industry	2020	0166-3615	https://www.sciencedirect.com/journal/computers-in-industry#description https://mjl.clarivate.com/search-results?issn=0166-3615&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
53	Creep Response of Rotating Composite Discs having Exponential, Hyperbolic, Linear and Constant Thickness Profiles.	R Singh, RK Saxena, K Khanna, VK Gupta	Mechanical	Defence Science Journal	2020	0976-464X	https://publications.drdo.gov.in/ojs/ https://mjl.clarivate.com/search-results?issn=0011-748X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
54	Parametric optimization of USM parameters by Taguchi and NSGA-II for the development of μ -channels on pure titanium	Gupta, R.D., Gupta, P. and Khanna, R.	Mechanical	Grey Systems: Theory and Application	2020	2043-9377	https://mjl.clarivate.com/search-results?issn=2043-9377&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results
55	Improvement of low temperature impact toughness through flux modification for submerged arc welded low carbon steel E350 plates	Arya H, Lucky	Mechanical	Indian Journal of Science and Technology	2020	0974-6846	https://indjst.org/archives https://mjl.clarivate.com/search-results?issn=0974-6846&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
56	Machinability investigations of hardened steel with biodegradable oil-based MQL spray system	Munish Kumar Gupta, Mozammel Mia, Muhammad Jamil, Rupinder Singh, Anil Kumar Singla, Qinghua Song, Zhanqiang Liu, Aqib Mashood Khan, M Azizur Rahman, Murat Sarikaya	Mechanical	Int J Adv Manuf Technol	2020	Electronic ISSN 1433-3015 Print ISSN 0268-3768	https://www.springer.com/journal/170 https://mjl.clarivate.com/search-results?issn=0268-3768&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
57	Tool wear progression and its effects on energy consumption and surface roughness in cryogenic assisted turning of Ti-6Al-4V	Chetan Agrawal, Navneet Khanna, Catalin Iulian Pruncu, Anil Kumar Singla, Munish Kumar Gupta	Mechanical	Int J Adv Manuf Technol	2020	Electronic ISSN 1433-3015 Print ISSN 0268-3768	https://www.springer.com/journal/171 https://mjl.clarivate.com/search-results?issn=0268-3768&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
58	Erosive wear behaviour of HVOF-sprayed Ni-20Cr2O3 coating on pipeline materials	Anuj Bansal, Deepak Kumar Goyal, Prabhjot Singh, Anil Kumar Singla, Munish Kumar Gupta, Niraj Bala, Jayant Kolte, Gautam Setia,	Mechanical	International Journal of Refractory Metals and Hard Materials,	2020	0263-4368 ISSN	https://www.sciencedirect.com/journal/international-journal-of-refractory-metals-and-hard-materials#description https://mjl.clarivate.com/search-results?issn=0263-4368&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
59	Case Study on Business Excellence Issues of an Indian Automobile Manufacturer using SAP-LAP Framework.	Kumar, S. and Gupta, P.	Mechanical	International Journal on Emerging Technologies	2020	2249-3255	https://www.scopus.com/sourceid/21100901133
60	Development of exothermic flux for enhanced penetration for submerged arc welding process	Aditya Kumar, Kulwant Singh	Mechanical	Journal of Advanced Manufacturing Systems	2020	1793-6896	https://www.worldscientific.com/worldscinet/jams https://mjl.clarivate.com/search-results?issn=0219-6867&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
61	Exploring the Business Challenges and Techniques used for Improving Customer Satisfaction through TQM: An Empirical study	Pardeep Gupta and Ankesh Mittal	Mechanical	Journal of Advanced Manufacturing Systems	2020	1793-6896	https://www.worldscientific.com/worldscinet/jams https://mjl.clarivate.com/search-results?issn=0219-6867&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
62	Multi Objective Optimization of Electro Discharge Machining of Nimonic 75 Using Taguchi Based Grey Relational Analysis	M Singh, S Singh	Mechanical	Journal of Advanced Manufacturing Systems	2020	1793-6896	https://www.worldscientific.com/worldscinet/jams https://mjl.clarivate.com/search-results?issn=0219-6867&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
63	Sustainability and machinability improvement of Nimonic-90 using indigenously developed green hybrid machining technology	Navneet Khanna, Chetan Agrawal, Munish Kumar Gupta, Qinghua Song, Anil Kumar Singla	Mechanical	Journal of Cleaner Production	2020	0959-6526 ISSN	https://www.sciencedirect.com/journal/journal-of-cleaner-production https://mjl.clarivate.com/search-results?issn=0959-6526&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal

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65	Influence of cryogenic treatment on mechanical performance of friction stir Al-Zn-Cu alloy weldments	Anuj Bansal, Anil Kumar Singla, Vinay Dwivedi, Deepak Kumar Goyal, Jonny Singla, Munish Kumar Gupta, Grzegorz M. Krolczyk,	Mechanical	Journal of Manufacturing Processes,	2020	1526-6125 ISSN	https://www.journals.elsevier.com/journal-of-manufacturing-processes https://mjl.clarivate.com/search-results?issn=1526-6125&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
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71	Multi-objective Optimization of Electrical Discharge Machining of Nimonic 75 using Teaching Learning Based Optimization (TLBO) Algorithm	M Singh, S Singh	Mechanical	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings https://www.scopus.com/sourceid/21100370037
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74	Finite element simulation of stress corrosion cracking in austenitic stainless steel using modified Lemaitre damage model	Y Jasra, S Singhal, R Upman, RK Saxena	Mechanical	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings https://www.scopus.com/sourceid/21100370037
75	An examination of mechanical properties of dissimilar AISI 304 stainless steel and copper weldment obtained using GTAW	G Singh, RK Saxena, S Pandey	Mechanical	Materials Today: Proceedings 26, 2783-2789	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings https://www.scopus.com/sourceid/21100370037
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78	Numerical simulation of fracture behavior under high-velocity impact for Aluminium alloy 6060 target plate	KK Rathore, Y Jasra, RK Saxena	Mechanical	Materials Today: Proceedings 28, 1809-1815	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings https://www.scopus.com/sourceid/21100370037
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81	Latest developments in gear defect diagnosis and prognosis: A review	A Kumar, CP Gandhi, Y Zhou, R Kumar, J Xiang	Mechanical	Measurement	2020	0263-2241	https://www.sciencedirect.com/journal/measurement#description https://mjl.clarivate.com/search-results?issn=0263-2241&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
82	Metallurgical, fatigue and pitting corrosion behavior of AISI 316 joints welded with Nb based stabilized steel filler	Dikshant Malhotra and A. S. Shahi	Mechanical	Metallurgical and Materials Transactions A/ Springer Nature	2020	1073-5623	https://www.springer.com/journal/11661 https://www.scopus.com/sourceid/27356
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84	Modeling and optimization of novel biodiesel production from non-edible oil with musa balbisiana root using hybrid response surface methodology along with african buffalo optimization	Kumar, U., Gupta, P.	Mechanical	Reac Kinet Mech Cat	2020	1878-5190	https://www.springer.com/journal/11144 https://www.scopus.com/sourceid/19500157076
85	Ecological, economical and technological perspectives based sustainability assessment in hybrid-cooling assisted machining of Ti-6Al-4 V alloy,	Munish Kumar Gupta, Qinghua Song, Zhanqiang Liu, Murat Sarikaya, Muhammad Jamil, Mozammel Mia, Vinod Kushvaha, Anil Kumar Singla, Zhixiong Li,	Mechanical	Sustainable Materials and Technologies	2020	2214-9937 ISSN	https://www.sciencedirect.com/journal/sustainable-materials-and-technologies https://mjl.clarivate.com/search-results?issn=2214-9937&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
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88	Influence of intermetallic precipitation on metallurgical, mechanical and pitting behaviour of AISI 2205 duplex stainless steel welded joints	Mohd Majid, A.S Shahi	Mechanical	Material Research Express, IOP Publishing Ltd	2020	2053-1591	https://iopscience.iop.org/journal/2053-1591 https://mjl.clarivate.com/search-results?issn=2053-1591&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
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93	Prediction of Lower and Higher Modes of Vibration for Kirchhoff's Plates Using Transcendental and Polynomial Functions via Semi-analytical Method	Jangid, M.K., Kumar, S. and Singh, J.	Mechanical	International Journal of Advanced Technology and Engineering Exploration	2021	2394-7454	https://accentsjournals.org/journals1.php?journalid=110 https://www.scopus.com/sourceid/21101023180

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95	Environment and economic burden of sustainable cooling/lubrication methods in machining of Inconel-800	Munish Kumar Gupta, Qinghua Song, Zhanqiang Liu, Murat Sarikaya, Muhammad Jamil, Mozammel Mia, Anil Kumar Singla, Aqib Mashood Khan, Navneet Khanna, Danil Yu Pimenov,	Mechanical	Journal of Cleaner Production	2021	0959-6526 ISSN	https://www.sciencedirect.com/journal/journal-of-cleaner-production https://mjl.clarivate.com/search-results?issn=0959-6526&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
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102	Tool wear, hole quality, power consumption and chip morphology analysis for drilling Ti-6Al-4V using LN ₂ and LCO ₂	Shah, P., Khanna, N., Singla, A. K., and Bansal, A.	Mechanical	Tribology International	2021	0301-679X	https://www.sciencedirect.com/journal/tribology-international#description https://mjl.clarivate.com/search-results?issn=0301-679X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
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106	Effect of machining parameters for surface finish and material removal rate of Al-4032/SiC composite during end milling using TGRA and ANN	Kumar, S., & Gupta, P	Mechanical	Journal of Advanced Manufacturing Systems	2022	1793-6896	https://www.worldscientific.com/worldscinet/jams https://mjl.clarivate.com/search-results?issn=0219-6867&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
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109	Experimental investigation and optimization weld bead shape factor and form factor using recycled steel slag as a flux in submerged arc welding	Vashishtha, G. and Kumar, R.	Mechanical	Journal of Vibration Engineering & Technologies	2022	2523-3939	https://www.springer.com/journal/42417 https://mjl.clarivate.com/search-results?issn=2523-3920&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=journal-profile-share-this-journal
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111	Adhesive and Viscoelastic Response of MWCNT/ZrO2 Hybrid Epoxy Nanocomposites	Malhotra, D. & Shahi, A.S.	Mechanical	Materials and Corrosion	2022	1521-4176	https://onlinelibrary.wiley.com/journal/15214176 https://www.scopus.com/sourceid/35688
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