

Publications List 2016-2017

S.N O.	Name of Author	Year	Title	Journal Name	Volume / Issue	Page No.	DOI	SCI/Scopus/Referred/Conference
1	Dr. Sanjeev Kumar	2016	Parametric optimization of powder mixed electrical discharge machining for nickel based superalloy inconel-800 using response surface methodology	Mechanics of Advanced Materials and Modern Processes	3(7)	One-17	DOI 10.1186/s40759-017-0022-4	Scopus
		2017	Investigating surface properties of cryogenically treated titanium alloys in powder mixed	Journal of Brazilian Society of Mechanical Science and Engineering	39(7)	2635-2648	DOIhttps://doi.org/10.1007/s40430-016-0639-y	SCI

			electric discharge machining					
		2017	Effect of cryogenically treated copper-tungsten electrode on tool wear rate during electro-discharge machining of Ti-5Al-2.5Sn alloy	Wear	386-387	223-229	https://doi.org/10.1016/j.wear.2017.01.067	SCI
		2017	Effect of Cryogenic Treatment on Electric Discharge Machining of Titanium and Its Alloys'	Reference Module in Materials Science and Materials Engineering,	1	1-17.	doi:10.1016/B978-0-12-803581-8.04158-8	Referred

2	Dr. Rajdeep singh	2017	Investigating surface properties of cryogenically treated titanium alloys in powder mixed electric discharge machining	Journal of Brazilian Society of Mechanical Science and Engineering	39(7)	2635-2648	DOI https://doi.org/10.1007/s40430-016-0639-y	SCI
3	Dr. Rajesh Sharma	2016	Experimental analysis of heat transfer and fluid flow in micro-channel heat sink	International Journal of recent advances in Mechanical Engineering	5(3)	13-20	https://pdfs.semanticscholar.org/caf7/9a75aaef8cd24eda1dd83ae268dd3d19178a.pdf	Referred
		2016	Thermo-Mechanical Deformation and Stress Analysis of Hydroxyapatite/Titanium FGM plate by FEM	Journal of mechanics and Mechanical engineering	20(4)	499-513	http://kdm.p.lodz.pl/articles/2016/4/20_4_10.pdf	SCOPUS

		2017	'Parametric optimization of multiwalled carbon nanotube-assisted electric discharge machining of Al-10%SiCp metal matrix composite by response surface	Materials and Manufacturing Processes	32(3)	263-273	https://doi.org/10.1080/10426914.2016.1140196	SCI
4	Dr. Sachin Mohal	2017	'Parametric optimization of multiwalled carbon nanotube-assisted electric discharge machining of Al-10%SiCp metal matrix composite by response surface	Materials and Manufacturing Processes	32(3)	263-273	https://doi.org/10.1080/10426914.2016.1140196	SCI

		2017	Microstructural Investigation of Aluminium-Silicon Carbide Particulate Metal Matrix Composite Fabricated by Stir Casting	International Journal for Innovative Research in Science & Technology	3(11)	26-30	http://www.ijirst.org/articles/IJIRSTV3I11034.pdf	Referred
		2017	Review of Research Work in Nanopowder Mixed Electric Discharge Machining	International Journal for Innovative Research in Science & Technology	3(11)	56-59	http://www.ijirst.org/articles/IJIRSTV3I11048.pdf	Referred
5	Ms. Aishna Mahajan	2017	Comparison of Structural Adhesive Joint with Spot and Seam Welded Joint	International Research Journal of Engg and Technology	4(5)	681-686	https://s3.amazonaws.com/disposAmz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWOWYYGZ2Y53UL3A%-Amz-Signature=66b8447bcaf51a4329b942de6c9c6a09b2	Referred

							b58936bf76fa7a82a3eed2c1bca332	
		2017	Fatigue Mechanical Life Design-A Review	International Journal of Engineering Research and General Science	5(2)	247-251	http://pnrsolution.org/Datacenter/Vol5/Issue2/34.pdf	Referred
6	Mr. Amanpreet Singh	2017	To Study Various Parameter's Effect on Mechanical Properties of AA6063/B4C Composite by Friction Stir Processing	International Journal of Innovative Research and Creative Technology	2(6)	217-222	http://www.ijirc.org/papers/IJIRC T1601041.pdf	Referred
7	Dr. Amit Gupta	2016	Ranking of JIT Attributes for Indian Manufacturing Industries Using TOPSIS Technique	IUP Journal of Operations Management	16(1)	51-57	https://web.a.ebscohost.com/abstract?direct=true&profile=ehost&scope==123176607&h=6Jqd0XQKcUsZnc479H5pOYed	Referred

		2017	Ranking of Ordering Policies by Simple Additive Weighting (SAW) Technique for Indian Automotive Industry	Journal of Mechanical Engineering	9(4)	65-70	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&as_ylo=2016&q=Ranking+of+Ordering+Policies+nical+Engineering+&btnG=	Scopus
		2017	A Speculative Model for Leanness Measurement in Manufacturing Industry	International Journal of Theoretical and Applied Mechanics	12(2)	303-309	http://www.ripublication.com/ijtam17/ijtamv12n2_08.pdf	Referred
		2017	Evaluation and Selection of Lot Sizing Techniques using SAW Approach for Indian Automobile Industries	International Journal of Theoretical and Applied Mechanics	12(2)	311-318	http://www.ripublication.com/ijtam17/ijtamv12n2_09.pdf	Referred
		2017	Numerical Analysis of Soil-Water	International Journal of Theoretical and Applied Mechanics	12(3)	533-541	http://www.ripublication.com/ijtam	Referred

			Flow in Fixed Horizontal Pipe				17/ijtamv12n3_14.pdf	
8	Mr. Anikate Gupta	2017	To Study Various Parameter's Effect on Mechanical Properties of AA6063/B4C Composite by Friction Stir Processing	International Journal of Innovative Research and Creative Technology	2(6)	217-222	http://www.ijirct.org/papers/IJIRC T1601041.pdf	Referred
9	Dr. Anuj Singla	2017	The Effects of Demand Pull Strategies on Sustainable Development in Manufacturing Industries	International Journal of Innovation in Engg and Technology	2(8)	27-31	http://ijiet.com/wP-content/uploads/2017/05/5.pdf	Referred
10	Mr. Avtar Singh	2016	Heat Treatment is used to weld Duplex Steel	International journal of Mechanical Engineering	3(2)	1-5.	http://www.ijme-apm.com/	Referred
		2016	Influence of gas flow and heat input on weld	International journal of advance engineering research and applications	2(4)	223-228	https://www.ijaera.org/manuscript/20160204005.pdf	Referred

			bear width at MIG Welding					
11	Mr. Farman Khan	2017	Tensile Strength and Micro hardness Behavior of Friction Stir Welded Joints of Magnesium AZ31B-O Alloy	International Journal of Engineering and Management Research	7(2)	328- 332	http://www.indianjournals.com/ijor.aspx?target=ijor:ijemr&volume=7&issue=2&article=065	Referred
		2017	Mechanical and Metallurgical Properties of Multipass Friction Stir Welded Joints of Aluminium 6061 Alloy	International Journal of Advance Engineering and Research Development	4(4)	483- 492	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20Metallurgical%20Properties%20of%20Multipass%20Friction%20Stir%20Welded%20Joints%20of%20Aluminium%206061%20Alloy-IJAERDV04I0426022.pdf	Referred
		2017	Effect of Chromium Content Variation on	International Research Journal of Engineering and Technology	4(5)	1038- 1043	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20	Referred

			Wear Resistance of Rotavator Blades				0Metallurgical%20Properties%20of%20Multipass%20Friction%20Stir%20Welded%20Joints%20of%20Aluminium%206061%20Alloy-IJAERDV04I0426022.pdf	
12	Mr. Gagandeep Singh Sandhu	2017	Fabrication of AA-6063/SiC composite material by using friction stir processing	International Journal of Advanced Research	5(4)	1652-1656	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Fabrication+of+AA-6063%2FSiC+composite+	Referred
		2017	Effect of Chromium Content Variation on Wear Resistance of Rotavator Blades	International Research Journal of Engineering and Technology	4(5)	1038-1043	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20Metallurgical%20Properties%20of%20Multipass%20Friction%20Stir%20Welded%20Joints%20of%20Aluminium%20606	Referred

						1%20Alloy-IJAERDV04I0426022.pdf	
	2017	Mechanical and Metallurgical Properties of Multipass Friction Stir Welded Joints of Aluminium 6061 Alloy	International Journal of Advance Engineering and Research Development	4(4)	483-492	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20Metallurgical%20Properties%20of%20Multipass%20Friction%20Stir%20Welded%20Joints%20of%20Aluminium%206061%20Alloy-IJAERDV04I0426022.pdf	Referred
	2017	Tensile Strength and Microhardness Behavior of Friction Stir Welded Joints of Magnesium	International Journal of Engineering and Management Research	7(2)	328-332	http://www.indianjournals.com/ijor.aspx?target=ijor:ijemr&volume=7&issue=2&article=065	Referred

13	Mr. Gurkirat Singh	2016	Influence of gas flow and heat input on weld bear width at Mag Welding	International journal of advance engineering research and applications	2(4)	223-228	https://www.ijaer.a.org/manuscript/20160204005.pdf	Referred
		2016	Heat Treatment is used to weld Duplex Steel	International journal of Mechanical Engineering	3(2)		http://www.ijme-apm.com/	Referred
14	Mr. Gurpreet Singh Malhi	2016	Heat Treatment is used to weld Duplex Steel	International journal of Mechanical Engineering	3(2)	1-5.	http://www.ijme-apm.com/	Referred
15	Mr. Inderjeet Singh	2017	Mechanical and Metallurgical Properties of Multipass Friction Stir Welded Joints of Aluminium 6061 Alloy	International Journal of Advance Engineering and Research Development	4(4)	483-492	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20Metallurgical%20Properties%20of%20Multipass%20Friction%20Stir%20Welded%20Joints%20of%20Aluminium%206061%20Alloy-IJAERDV04I0426022.pdf	Referred

		2017	Effect of Chromium Content Variation on Wear Resistance of Rotavator Blades	International Research Journal of Engineering and Technology	4(5)	1038-1043	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20Metallurgical%20Properties%20of%20Multipass%20Friction%20Stir%20Welded%20Joints%20of%20Aluminium%206061%20Alloy-IJAERDV04I0426022.pdf	Referred
		2017	Fabrication of AA-6063/SiC composite material by using friction stir processing	International Journal of Advanced Research	5(4)	1652-1656	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Fabrication+of+AA-6063%2FSiC+composite+	Referred
		2017	Tensile Strength and Microhardness Behavior of Friction Stir Welded Joints	International Journal of Engineering and Management Research	7(2)	328-332	http://www.indianjournals.com/ijor.aspx?target=ijor:ijemr&volume=7&issue=2&article=065	Referred

			of Magnesium AZ31B-O Alloy					
16	Mr. Jagjit Singh	2017	Mechanical and Metallurgical Properties of Multipass Friction Stir Welded Joints of Aluminium 6061 Alloy	International Journal of Advance Engineering and Research Development	4(4)	483-492	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20Metallurgical%20Properties%20of%20Multipass%20Friction%20Stir%20Welded%20Joints%20of%20Aluminium%206061%20Alloy-IJAERDV04I0426022.pdf	Referred
17	Mr. Karnvir Cheema	2017	Dehumidification Using Desiccants Along With Vapor Compression System	Mechanica Confab	6(1)		https://mail.irjet.net/archives/V4/i3/IRJET-V4I3264	Referred

18	Dr. Manjit Singh	2017	Ranking of Ordering Policies by Simple Additive Weighting (SAW) Technique for Indian Automotive Industry	IUP Journal of Mechanical Engineering	9(4)	65-70	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&as_ylo=2016&q=Ranking+of+Ordering+Policies+by+Simple+Additive+Weighting+%28SAW%29+Technique+for+Indian+Automotive+Industry%E2%80%99%2C+IUP+Journal+of+Mechanical+Engineering+&btnG=	Scopus
		2017	A Speculative Model for Leanness Measurement in Manufacturing Industry	International Journal of Theoretical and Applied Mechanics	12(2)	303-309	http://www.ripublication.com/ijtam17/ijtamv12n2_08.pdf	Referred
		2017	Evaluation and Selection of Lot Sizing Techniques using SAW	International Journal of Theoretical and Applied Mechanics	12(2)	311-318	http://www.ripublication.com/ijtam17/ijtamv12n2_09.pdf	Referred

			Approach for Indian Automobile Industries					
		2017	Numerical Analysis of Soil-Water Flow in Fixed Horizontal Pipe	International Journal of Theoretical and Applied Mechanics	12(3)	533-541	http://www.ripublication.com/ijtam17/ijtamv12n3_14.pdf	Referred
19	Mr. Parmvir Singh	2017	Dehumidification Using Desiccants Along With Vapour Compression System	Mechanica Confab	6(1)	1-6.	https://mail.irjet.net/archives/V4/i3/IRJET-V4I3264	Referred
20	Mr. Parveen Kumar Saini	2016	Influence of gas flow and heat input on weld bead width at Mag Welding	International journal of advance engineering research and applications	2(4)	223-228	https://www.ijaera.org/manuscript/20160204005.pdf	Referred
21	Mr. Rahul Mehra	2017	Fabrication of EN-9 round bar using center lathe machine and calculating its tensile strength under	Journal of Emerging Technologies and Innovative Research	4(6)	234-239	https://pdfs.semanticscholar.org/d534/9b14ddd1d927669c07966b86ea8104ee8445.pdf	Referred

			universal testing machine					
		2017	Research Developments in Laser Welding - A Review	International Journal for Innovative Research in Science & Technology	3(11)	60-64	http://ijirst.org/Article.php?manuscript=IJIRSTV3I11044	Referred
22	Mr. Rajwinder Singh Gill	2017	Dehumidification Using Desiccants Along With Vapor	Mechanica Confab	6(1)	1-6.	https://mail.irjet.net/archives/V4/i3/IRJET-V4I3264	Referred

			Compression System					
		2017	Fatigue Mechanical Life Design-A Review	International Journal of Engineering Research and General Science	5(2)	247-251	http://pnrsolution.org/Datacenter/Vol5/Issue2/34.pdf	Referred
23	Mr. Rakesh Kumar	2017	Impact of Eucalyptus Oil and Diesel Mixture on Engine Performance in a Four Stroke Single Cylinder Engine Operation	International Journal for Scientific Research & Development	5(3)	1288-1293	http://ijsrd.com/Article.php?manuscript=IJSRDV5I31063	Referred
24	Mr. Ramandeep Singh Deorda	2017	To Study Various Parameter's Effect on Mechanical Properties of AA6063/B4C Composite by Friction Stir Processing	International Journal of Innovative Research and Creative Technology	2(6)	217-222	http://www.ijirct.org/papers/IJIRC T1601041.pdf	Referred

23	Mr. Ramandeep Singh Dhindsa	2017	To Investigate the Wear Characteristics of Deep Cryogenic Treated H11 Hot Working Tool Steel	International Journal for Science and Advance Research In Technology	3(1)	242-246	http://ijsart.com/Home/IssueDetail/8277	Referred
		2016	Comparison of Wear Properties of AISID3 and O1 Steel with the same Hardness	Asian Review of Mechanical Engineering	5(2)	14-18	https://pdfs.semanticscholar.org/6998/e9dbc4239272c6bb6e33e4863187f8d5d622.pdf	Referred
		2017	To study the Wear Characteristics of AISID3 Steel	International Journal of Innovative Trends in Engineering	17(1)	Ten-14	https://www.ijite.com/citations/IJITE_1701916.pdf	Referred
		2017	A Study of Process Parameters of Wear Characteristics of AISID2 Steel	International Research Journal of Engineering and Technology	4(1)	1491-1497	https://s3.amazonaws.com/academichina.edu.documents/51881495/IRJET-V4I1272.pdf?response-content-dispo	Referred

24	Mr. Ravinder Singh	2017	Fabrication of AA-6063/SiC composite material by using friction stir processing	International Journal of Advanced Research	5(4)	1652-1656	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Fabrication+of+AA-6063%2FSiC+composite+	Referred
		2017	Effect of Chromium Content Variation on Wear Resistance of Rotavator Blades	International Research Journal of Engineering and Technology	4(5)	1038-1043	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20Metallurgical%20Properties%20of%20Multipass%20Friction%20Stir%20Welded%20Joints%20of%20Aluminium%206061%20Alloy-IJAERDV04I0426022.pdf	Referred
		2017	Mechanical and Metallurgical Properties of Multipass Friction Stir Welded Joints	International Journal of Advance Engineering and Research Development	4(4)	483-492	http://www.ijaerd.com/papers/finished_papers/Mechanical%20and%20Metallurgical%20Properties%20of%20Multipass%2	Referred

			of Aluminium 6061 Alloy				0Friction%20Stir%20Welded%20Joints%20of%20Aluminium%206061%20Alloy-IJAERDV04I0426022.pdf	
		2017	Tensile Strength and Microhardness Behavior of Friction Stir Welded Joints of Magnesium AZ31B-O Alloy	International Journal of Engineering and Management Research	7(2)	328-332	http://www.indianjournals.com/ijor.aspx?target=ijor:ijemr&volume=7&issue=2&article=065	Referred
25	Mr. Rupinder Singh	2017	To Investigate the Wear Characteristics of Deep Cryogenic Treated H11 Hot Working Tool Steel	International Journal for Science and Advance Research In Technology	3(1)	242-246	http://ijsart.com/Home/IssueDetail/8277	Referred
		2016	Comparison of Wear Properties of AISID3 and O1 Steel with	Asian Review of Mechanical Engineering	5(2)	14-18	https://pdfs.semanticscholar.org/6998/e9dbc4239272c6bb6e33e4863187f8d5d622.pdf	Referred

27	Mr. Satish Kumar	2017	Comparision of Structural Adhesive Joint with Spot and Seam Welded Joint	International Research Journal of Engg and Technoolgy	4(5)	681-686	https://s3.amazonaws.com/disposition=inline%3B%20filename%3DCo mparison_of_xpires=3600&X-Amz-SignedHeaders=host&X-Amz-Signature=66b8447bcaf51a4329b942de6c9c6a09b2b58936bf76fa7a82a3eed2c1bca332	Referred
28	Mr. Tavinder pal Singh	2017	Fabrication of AA-6063/SiC composite material by using friction stir processing	International Journal of Advanced Research	5(4)	1652-1656	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Fabrication+of+AA-6063%2FSiC+composite+	Referred

29	Vikasdeep Singh Maan	2016	Integration of QFD with different heuristics to make volatile supply chain agile as well as lean'	Eurasia Business and Economics Society Conference, Vienna, Austria,	28-30	Conference	Conference
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