

Mechanical Engineering Department

List of quality publications in Refereed/SCI Journals, Citations for Academic Year (2017-18) (CAYm1)

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S.No	Name of the Authors	Title of the Paper	Name of the Journal	Index
1	Dr. D. Hanumantha Rao	An Experimental Study On The Mechanical Properties Of Thixoformed Components In Aluminum Alloys	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:251-254
2	Mr. M.V. Kishore	An Experimental Study On The Mechanical Properties Of Thixoformed Components In Aluminum Alloys	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:251-254
3	Mr. C. Venkateshwar Reddy	Experimental characterization of inconel-718 by GTAW process using different shielding gases	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:222-226
		Study of Voids Effect on Tensile Strength of Carbon Fiber Reinforced Composites for Structural Applications	IJRASET	ISSN: 2321- 9653 Vol 5, Issue 8, Aug 17
		Structural Design and Analysis of Composite Rocket Motor Casing (CRMC) for High Strength Applications	JETIR	ISSN: 2349-5162 June 18, Vol 5, Issue 6
4	Mr.M.Krishna	Ratio Delay Study of Public Transport Buses	JETIR	ISSN: 2349-5162 July 18, Vol 5, Issue 7
		Trend analysis-a tool to identify the failure & run mode in public transport buses	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:276-283
		Reliability Analysis of Group of Buses – A Case Study at TSRTC	National Conference on Innovations and Developments in Mechanical Engineering	MAR 2018
		Failure Criticality Analysis using FishiKawa Diagram	International Journal for Creative Research Thoughts	FEB 2018
5	Mr.V.Harinath	Factors and mechanisms responsible for heat transfer enhancement using nano fluid	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:183-188
		Extraction of liquid hydrocarbon fuel from waste plastic	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:202-207
6	Ms.V.Poojitha	Severe plastic deformation and its methods	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:208-211
7	Mr. A. Kalyan Charan	Heat Transfer through bonded and coated composite fins	International Journal of Advanced Technology in Engineering & Techonolgy	Vol 5, Issue no 7. ISSN-2348-7550
		Extraction of liquid hydrocarbon fuel from waste plastic	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:202-207
		Thermal Analysis on Rectangular Plate Fin with perforations using ANSYS	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:188-193
8	Mr.P.NaveenKishore	Review paper on friction stir welding of various materials and aluminium matrix composites.	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:284-287

		Paper on Thermo acoustic refrigeration	International Journal of Scientific Research	e-ISSN: 2278-1684, p-ISSN: 2320-334X PP. 58-63
9	Mr.T.SomaSekhar	Review paper on processing of metal matrix composites & its properties.	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:212-217
		Paper on Thermo acoustic refrigeration	International Journal of Scientific Research	e-ISSN: 2278-1684, p-ISSN: 2320-334X PP. 58-63
10	Mr.S.Sampath	Design and Analysis of thermo mechanical loading for a turbine housing using FEA	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:194-201
11	Mr.Aditya Sheshu	Extraction of liquid hydrocarbon fuel from waste plastic	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp:202-207
12	Mr.P.Nitish Kumar	Review paper on processing of metal matrix composites & its properties.	International Journal for Creative Research Thoughts	ISSN: 2320-2882 Pp: 284-287

List of quality publications in Refereed/SCI Journals, Citations for Academic Year (2016-17) (CAYm2)

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Index
1.	Dr. D. Hanumantha Rao	An experimental study on the wear behaviour of thixoformed components in aluminium alloys	IJSIET	ISBN : 978-81-904760-9-6 May -2017
		Development of a mathematical model to study fluidity in Thixofoming using Fuzzy logic approach	IOSR journal of MECH & Civil Engineering	NOV/DEC 2016
		Effect of mechanical stirring on the preparation of billet for A 356 alloy in semisolid metal processing	Indian Foundry Journal	July 2016
2.	Mr. M.V. Kishore	An experimental study on the wear behaviour of thixoformed components in aluminium alloys	IJSIET	ISBN : 978-81-904760-9-6 May -2017
		Development of a mathematical model to study fluidity in Thixofoming using Fuzzy logic approach	IOSR journal of MECH & Civil Engineering	NOV/DEC 2016
		Effect of mechanical stirring on the preparation of billet for A 356 alloy in semisolid metal processing	Indian Foundry Journal	July 2016
3.	Mr. M. Krishna	Availability and Maintainability of Buses – A Case Study at TSRTC	International Conference on Emerging Technological Innovations in Mechanical Engineering	MAY 2017
		Performance monitoring & evaluation of group of buses using NHPP model - a case study at TSRTC	IJSIET	May 2017 (Vol-IV)
4	Mr. C. Venkateshwar Reddy	Mechanical Characterization of Unidirectional Carbon and Glass/Epoxy Reinforced Composites for High Strength Applications	Science Direct Elsevier	4 (2017) 3166-3172

		Influence of Hybrid Resin System on Mechanical Properties of carbon fibre T700 by Filament Wound Composites.	ICAMM	8-10 Dec, OU, Hyd.
		Experimental Investigation of Hot Machining of Metals by Using Oxy-Acetylene Flame	IJSIET	ISBN:978-81-904760-9-6 Vol4, Issue May17

List of quality publications in Refereed/SCI Journals, Citations for Academic Year (2015-16) (CAYm3)

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Index
1.	Dr. D. Hanumantha Rao	Optimization And Investigation Into The Effect Of Cutting Conditions On Surface Roughness In Turning Of Ti-6Al-4V Alloy Under Different Machining Environments	Journal for Manufacturing Science and Production	Vol-15 Issue -2, pages 197-204, ISSN:2191-0375
		Optimization Of EDM Process Parameters And Graphite Powder Concentration On Electrical Discharge Machining Of Ti-6Al-4V Alloy Using Taguchi Method	International Journal Of Advances In Production & Mechanical Engineering (IJAPME)	ISSN:2394-6202, Vol.-I , Issue 5,2015, pages 31-44
		Experimental Study on the Effect of Mechanical Stirring in Semisolid Processing of Aluminum Alloys at Thixo-Temperatures	Material Science Forum	Volume 830-831, pages 41-44; ISBN-13:978-3-03835-536-6 Sep 2015
2.	Mr. M.V. Kishore	Experimental Study on the Effect of Mechanical Stirring in Semisolid Processing of Aluminum Alloys at Thixo-Temperatures	Material Science Forum	Volume 830-831, pages 41-44; ISBN-13:978-3-03835-536-6 Sep 2015
3.	Mr. C. Venkateswar Reddy	A Study on effect of filler (Sio2) on mechanical properties of Glass /epoxy (HT) Cure Composites.	International journal of research in engineering technology (IJRET)	e-ISSN 2319-1163, p-ISSN 2321-7308
		Influence of Modified Epoxy Resin Systems on High Strength Carbon Roving Reinforced Composites	IJAMMC	ISSN:2277-3886(P), Vol 6, Issue 1, April 2016
4.	Ms. V. Poojitha	Finishing of Steels Through Hydraulics	International Journal of Engineering Sciences & Research Technology	ISSN: 2277-9655 (I2OR), Sept'15 Publication Impact Factor: 3.7

		Study on Vertical Machining Center	International Journal of Engineering Research, Sciences & Technology	ISSN 2319-5991 Vol. 4, No. 4, November 2015
		Design of HVAC For A Corporate Building Using AHU	International Journal of Engineering Research, Sciences & Technology	ISSN 2319-5991 Vol. 4, No. 2, November 2015
		Design and Analysis of Chassis Frame of A Truck	Journal of Engineering Today Quarterly	September 2015 Volume 17 ISSN : 0974-8377
5.	Mr. A. Kalyan Charan	Finishing of Steels Through Hydraulics	International Journal of Engineering Sciences & Research Technology	ISSN: 2277-9655 (I2OR),Sept 15
		Design and Analysis of Chassis Frame of A Truck	Journal of Engineering Today Quarterly	September 2015 Volume 17 ISSN : 0974-8377
		Design of HVAC For A Corporate Building Using AHU	International Journal of Engineering Research and Sciences & Technology	ISSN 2319-5991 Vol. 4, No. 2, November 2015
		Study on Vertical Machining Center	International Journal of Engineering Research and Sciences & Technology	ISSN 2319-5991 Vol. 4, No. 4, November 2015