

RESEARCH AND DEVELOPMENT

Journal publication by faculty

S. No.	Name of the Faculty	Journal	Title of the Paper	Vol . No and page nos.	Month & Year of Publication	indexing	impact factor/ h-index
2019-20							
1.	N. Manikandan, Ramesh Raju, D. Palanisamy, J.S. Binoj	International Journal of Machining and Machinability of Materials	Optimization of Spark Erosion Machining Process Parameters using Hybrid Grey Relational Analysis and Artificial Neural Network Model	Volume 22, Issue 1, page 1-23	January, 2020	Scopus Indexed Journal	--
2.	N. Manikandan, K. Bala subramanian, D.Palanisamy, P.M.Gopal, D.Arul Kirubakaran, J.S.Binoj	Materials and Manufacturing Processes	Machinability Analysis and ANFIS modelling on Advanced Machining of Hybrid Metal Matrix Composites for Aerospace Applications	Vol. 34, No.16, 1866-1881	December, 2019	SCI Journal - Taylor and Francis Publisher	3.35
3.	G Vidyasagar Reddy, N Govindha Rasu and T Hari Prasad	Proc Indian Natn Sci Acad	Investigation on Yttria Stabilized Zirconia-coated Piston Crown using Different Biodiesels	85 No. 4, PP 1-9	December, 2019	Thomson Reuters	0.396
4.	D. Palanisamy, A. Devaraju, D. Arulkirubakaran, N. Manikandan	Materials Today: Proceedings	Experimental Investigation on Surface Integrity during Machining of AISI 420 Steel with Tungsten Carbide Insert	pp. 1-5	December, 2019	Scopus Indexed - Elsevier Publishers	--
5.	J. S. Binoj, N. Manikandan and P. Bhanu Prakash	SAE Technical Papers,	Characterization of Areca and Tamarind Fiber Reinforced Hybrid Polymer Composites for Structural Applications	pp. 1-5	October, 2019	SAE, Scopus	---
6.	P. Bhanu Prakash, P. C. Krishnamachary and J. S. Binoj	SAE Technical Papers,	A Comparative Study on Microstructures and Mechanical Properties of Al-GNPs Composites Fabricated by Casting Method	pp. 1-5	October, 2019	SAE, Scopus	---
7.	D. Palanisamy, A. Devaraju, N. Manikandan, D. Arulkirubakaran	Materials Today: Proceedings	Performance evaluation of cryo-treated tungsten carbide inserts in machining PH stainless steel	pp. 1-5	August, 2019	Scopus Indexed	--

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8.	D. Palanisamy, A. Devaraju, N. Manikandan, K. Bala subramanian, D. Arulkirubakaran	Materials Today: Proceedings	Experimental investigation and optimization of process parameters in EDM of aluminium metal matrix composites	pp. 1-5	August, 2019	Scopus Indexed	---
9.	R. Satya Meher	SN Applied Sciences	Investigations on performance and emission parameters of direct injection diesel engine running with Mesua ferrea oil methyl ester blends	Vol.19, 1-6	August, 2019	Thomson Reuters	1.3
10.	R. satyameher	Heat Transfer—Asian Res.	Experimental studies on a metal hydride-based single bed sorption cryocooler	pp. 1-10	July, 2019	Scimago	0.82
11.	P Moulali, T H Prasad and B D Prasad	Journal of Scientific & Industrial Research	Influence of EGR and Inlet Temperature on Combustion and Emission Characteristics of HCCI Engine with Micro Algae Oil	Vol. 78, pp. 317-322	May 2019,	Sci Journalr	0.534
2018-19							
1.	J. S. Binoj	Materials Today: Proceedings	Enhancement of corrosion resistance on plasma spray coated mild steel substrate exposed to marine environment	Volume 14, Issue 3, pp. 595-610,	June, 2019	Elsevier, Scopus.	----
2.	J. S. Binoj	Materials Today: Proceedings	Enhancement of corrosion resistance on plasma spray coated mild steel substrate exposed to marine environment	Volume 14, Issue 3, pp. 595-610,	June, 2019	Elsevier, Scopus.	---
3.	N. Manikandan,	Journal of Scientific and Industrial Research	Machinability Studies On Precipitation Hardened Stainless Steel Using Cryo-Treated Textured Carbide Inserts	Vol.78 (April), pp. 216-222	April, 2019	SCI Journal	---
4.	Krupakaran R. L.	Environmental Science and Pollution Research	Influence on the effect of titanium dioxide nanoparticles as an additive with Mimusops elengi methyl ester in a CI engine	DOI 10.1007/s11356-019-04826-7	April, 2019	SCI, Scopus	2.8
5.	Manikandan N., Binoj J.S., Varaprasad K.C., Sree Sabari S.	Lecture Notes in Mechanical Engineering. Springer, Singapore	Investigations on Wire Spark Erosion Machining of Aluminum-Based Metal Matrix Composites	(pp. 361-369). Springer, Singapore	April, 2019	Scopus	----

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6.	N.Manikandan	Materials and Manufacturing Processes (Publisher - Taylor and Francis)	Influence of Wire-EDM Textured Conventional Tungsten Carbide Inserts in Machining of Aerospace Materials (Ti-6Al-4V Alloy)	Vol.34, pp. 103-111	January, 2019	Science Citation Indexed (SCI) Journal	2.669
7.	N. Manikandan	Materials and Manufacturing Processes (Publisher - Taylor and Francis)	Machinability Analysis of High Strength Materials with Cryo-Treated Textured Tungsten Carbide Inserts	Vol. (34), pp. 502-510	January, 2019	Science Citation Indexed (SCI) Journal	2.669
8.	SaduVenkatesu	International journal of minerals metals and materials engineering	Design, Development, Analysis and Comparison of Instrumented Irradiation Capsule for Online Determination of Uniaxial Creep behavior in Structural Specimen Out-Of- Pile Test Results With Analytical Results in FBTR	Vol. 71, PP. 555-556	January, 2019	Science Citation Indexed (SCI) Journal	0.91
9.	Vidya sagar reddy, T. Hariprasad	International Journal of Ambient Energy	Analysis of performance and emission characteristics of TBC coated low heat rejection engine	Doi:10.1080/01430750.2019.1567581	January, 2019	Scopus	---
10.	N. Manikandan	Transactions of the Indian Institute of Metals (Publisher - Springer)	Experimental And Taguchi Based Grey Approach of Laser Metal Deposition Technique on Nickel Based Superalloy	Vol.72, pp. 205-214	November, 2018	Science Citation Indexed (SCI) Journal	0.91
11.	J. S. Binoj	Carbohydrate Polymers, Elsevier.	Comprehensive characterization of natural cellulosic fiber from Coccinia grandis stem	Vol. 207, pp. 675 - 683	December, 2018	SCI	5.158
12.	Sachuthananthan B, Krupakaran R L	International Journal of Ambient Energy	Exploration on the behavior pattern of a DI diesel engine by using Magnesium Oxide nano additive with plastic pyrolysis oil as alternate fuel	ID: 1563812 DOI:10.1080/01430750.2018.1563812 , (Scopus - Taylor and Francis Series Publication	December, 2018	---	---
13.	Vinoth, R	Thermal Science	Numerical study of inlet cross section effect on oblique finned micro channel heat sink'	Vol. 22, No. 6B, pp. 2747-2757	December, 2018	Scopus	1.43

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14.	R. Satya Meher	International Journal of Application or Innovation in Engineering & Management (IJAIEEM)	Performance, Combustion and Emissions of sunflower methyl esters / diesel blends in Air cooled diesel engine	Vol. 7, pp. 66-74	November, 2018	Scopus	---
15.	Kootlani Lokesh, Neeli Naresh and Chaithanya krushna	Manufacturing Technology Today	Multi-response optimization of tribological characteristics of hybrid composites using DFA and ANOVA	Vol. 17, No. 10	October, 2018	---	---
16.	N Manikandan, K C Varaprasad, JS Binoj, S Sree Sabari	Manufacturing Technology Today, CMTI Publication	Experimental Investigations On Wire EDM of Al-Sic Composite Using Taguchi's Approach	Vol. 17, No. 09, pp 3-11	September, 2018	UGC approved	--
17.	J. S. Binoj,	Engineering Failure Analysis, Elsevier.	Failure analysis of discarded Agave Tequilana fiber polymer composites	Vol. 95 & pp. 379-391	September, 2018	SCI	2.157
18.	J. S. Binoj	Journal of Bionic Engineering, Springer	Micro structural, Mechanical, Thermal and Water absorption characterization of natural Cissus Quadrangularis stem fiber composites as alternate for conventional glass fiber composites	Vol. 15, No. 5, Pg. 914-923	August, 2018	SCI	2.388
19.	Naresh Neeli, G. Dileep Kumar,	Multidiscipline Modeling in Materials and Structures	Multi-response optimization for machining GFRP composites using GRA and DFA	Vol. 14 Issue: 3, Pg.482-496	August, 2018	Scopus	1.32
20.	J. S. Binoj , N. Manikandan , R. L. Krupakaran & Bhanu Palampalle	International Journal of Mechanical and Production Engineering Research and Development	Characterization Of Lignocellulosic Fruit Fiber From Moringa Oleifera Husk As A Reinforcement For Polymer Composites	Vol. 8, Pg. 352-358	August, 2018	Scopus	9
21.	J. S. Binoj	Marine Structures, Elsevier.	Evaluation of mechanical behavior of multifilament discarded fishnet/glass fiber and polyester composites for marine applications	Vol. 58, pp. 361-366	August, 2018	SCI	2.491
22.	J. S. Binoj	Plasmonics, Springer.	Evaluation of Corrosion resistance and Characterization of Ni-Cr Coated Structure using Plasma Spray Coating for Marine Hulls	Vol. 8, pp. 1-16	August, 2018	SCI	2.366
23.	B. Sachutha nanthan, R. L. Krupakaran	International Journal of Ambient Energy	Experimental exploration on NOx diminution by the combined effect of antioxidant additives with SCR in a diesel engine powered by neem biodiesel	Vol. 2, Pg. No:1-12	July, 2018	Scopus	0.89
24.	Bhanu Prakash Palampalle	SAE International	Development and Characterization of Al-GNPs Composites by Stir Casting	Vol.3.Pg:55-63	July, 2018	Scopus	1.99

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			Method				
25.	Sadu Venkatesu, M. Gangaraju, S. Bhaskar and B.Vishnu Vardhana Naidu	International Conference on Robotics and Smart Manufacturing (Procedia Computer Science)	A Study of Laser Beam Welding, Gas Tungsten Arc Welding and High Temperature Brazing Processes on Micro hardness and Tensile Strength of AISI Type 316 Stainless Steel	Vol.133, Pg. 10-18	July, 2018	Scopus	0.732
26.	J. S. Binoj	SAE Technical Papers	Characterization and optimization of mechanical properties of sustainable Moringa Oleifera fruit husk fiber for composite applications"	ISSN: 0148-7191, 2018-28-0045, doi: 10.4271/2018-28-0045,pp. 1-7	July, 2018	Scopus	0.52
27.	Manikandan N, Naresh N, Binoj J.S, Sree Sabari S, Krupakaran RL	Manufacturing Technology Today, CMTI Publication	Application Of Desirability Based Hybrid ANFIS Model For Optimization Of Electro Discharge Machining Of Haste Alloy C-276	Vol.17, Issue 7, pp.32-43	July, 2018	UGC approved	---
28.	J. S. Binoj, Bhanu Palampalle, Manikandan. N & Krishnamachary. P. C	Trends in Textile Engineering and Fashion Technology, Crimson Publishers, USA.	Reutilization of Leftovers from Agro-Industries for Textile Applications: A Mini Report	Vol. 3 (1), pp 1-2	June, 2018	Scopus	0.665
29	P. Naren Chakravarthy , Bhanu Prakash Palampalle, J. S. Binoj	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Microstructural analysis and mechanical behaviour of Aluminium-GNPS composites fabricated by ultrasonic assisted stir casting technique	Vol. 8, Pg. 385-392	June, 2018	Scopus	9
30.	N.Manikandan	International Journal of Engineering Transactions C: Aspects.	Mathematical Modeling and Analysis of Spark Erosion Machining parameters of Hastelloy C-276 Using Multiple Regression Analysis	Vol. 31, No.6 pp.997-1003	June, 2018	Thomson Reuters	14
31.	S Sree Sabari	Materials Today: Proceedings	Enhancing the corrosion resistance of stir zone of friction stir welded AZ31b magnesium alloy using micro arc oxidation coatings	Vol.14, Issue 3,PP 295-301	June, 2018	Elsevier, Scopus.	---
2017-18							
1.	R.L.Krupakaran, T. Hariprasada	International Journal Of Ambient Energy	Influence of injection timing on engine performance, emission characteristics	ISSN: 0143-0750 (Print)	May, 2018	Scopus	0.89

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			of Mimusops Elangi methyl ester	2162-8246 (Online) Journal homepage: http://www.tandfonline.com/loi/taen20			
2.	R.L.Krupakaran, T. Hariprasada	International Journal Of Green Energy	Impact of various blends of Mimusops elengi methyl esters on performance and emission characteristics of diesel engine	15 & 415-426	May, 2018	Taylor and Francis	1.06
3.	N. Maniknnan, Bhanu. P., J. S . Binoj	International Journal of Creative Research Thoughts	"Experimental Investigation and Optimization of Machinability Characteristics of Wire EDM Machining of Al6061/20%SiC Composite"	Vol. 6 pg. 999-1002	May, 2018	Thomson Reuters & UGC approved	5.971
4.	R.L.Krupakaran, N. Manikandan, J. S . Binoj	International Journal for Research in Applied Science and Engineering Technology	Parametric optimization for performance combustion and emissions characteristics of an IC engine powered by M. Elangi methyl ester blends using Taguchi Technique	Special Issue ICAAA-2018 Conference, April 2018 and 33-38	April, 2018	Thomson Reuters &UGC approved	4.895
5.	Bhanu Palampalle, N. Manikandan, Krishnamachary. P.C, Sarma A.V	International Journal for Research in Applied Science and Engineering Technology	Determination of Process Parameters and Development of Al-GNPS Composites	Special Issue ICAAA-2018 Conference, April 2018 and 59-65	April, 2018	Google scholar	4.895
6.	R.L.Krupakaran, Raghu rami Reddy and Vidyasagar reddy	International Journal for Research in Applied Science and Engineering Technology	Experimental Investigations On Single Cylinder 4StrokeDieselEngineUsing Nano fuels	Special Issue ICAAA-2018 Conference, April 2018 and 39-44	April, 2018	Google scholar	4.895
7.	C. Navya, S. Nageswara, G. Kuladeep, K. Lakshmi kala and S. Neeraja	International Journal of Scientific Research and Review.	Modeling and Analysis of propeller blade for Maine Engine by FEA approach	DOI:16.1008 9.IJSRR.2018 .V7I03.2873 91.22578 ISSN No: 2279-543X Pg. No: 216- 225 (UGC Approved, Journal No.	March, 2018	Nil	--

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				64650)			
8.	R. Satya Meher	Cryogenics	Estimation of performance of a J-T Refrigerators Operating With Nitrogen-Hydrocarbon Mixtures and a Coiled tubes-in-tube heat exchanger,	doi.org/10.1016/j.cryogenics.2018.03.007, Vol92,27-35	March, 2018	Scopus	1.465
9.	S. Nageswara, S. Lakshmi Narayana, M. Gangaraju,	Journal for Advanced Research in Applied Sciences IAETSD-JARAS : UGC APPROVED JOURNAL Serial No. 63188	Investigation of Mechanical Properties of Natural Fiber Reinforced Polymer Hybrid Composites	Volume 5, Issue 3, Mar/2018	March, 2018	Nil	3.265
10.	J. S. Binoj	Marine Structures, Elsevier.	Evaluation of mechanical behavior of multifilament discarded fishnet/glass fiber and polyester composites for marine applications	58 and 361-366	March, 2018	SCI	2.181
11.	J. S. Binoj	Process Safety and Environmental Protection, Elsevier.	Characterization of industrial discarded fruit wastes (Tamarindus Indica L.) as potential alternate for man-made vitreous fiber in polymer composites	116 and 527-534	March, 2018	SCI	3.119
12.	J. S. Binoj	International Journal of Trend in Scientific Research and Development	Feasibility analysis of using waste fish oil as an alternate fuel	2 and 1152-1162	March, 2018	(Thomson Reuters & UGC approved)	4.101
13.	B. Vishnu Vardan Naidu and G. Dileep Kumar	International Journal of Scientific Research and Review.	Additive Manufacture of Honeycomb structure and analysis of infill and material characteristics	Vol.7 , Issue3	March, 2018	Google scholar	--
14.	Mr. S. Nageswara Ms. C. Navya	International Journal of Scientific Research and Review.	A Progressive Failure Analysis of an Aluminium Alloy of Pre Cracked SENT Specimen: Finite Element Analysis (FEA) Approach	DOI:16.10089.IJSRR.2018.V7I02.287391.2216 ISSN No: 2279-543X Pg. No: 303-312	February, 2018	Nil	--
15.	B. Sachutha nanthan, Raghuramireddy D, Nagesh S	International Journal of Research - Granthaalayah	Experimental investigation on the use of Chicken fat oil Methyl Ester as alternate fuel in a DI diesel engine in an HCCI mode	Volume 6 (8) Pages 65-73	February, 2018	---	---

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16.	N. Manikandan,	Materials Today Proceedings	Effect of Textured Tools On Machining Of Ti-6Al-4v Alloy Under Lubricant Condition	Vol.5 (6/2), pp.14230-14236	November, 2017	Scopus	0.71
17.	P. Bhanu Prakash, N.Manikandan	Materials Today Proceedings	Microstructure Analysis and Evaluation of Mechanical Properties of Al 7075 GNP's Composites	Vol.5 (6/2), pp.14281-14291	November, 2017	Scopus	0.71
18.	P. Bhanu Prakash, P.C. Krishnamachary, N. Manikandan	Materials Today Proceedings	Application of Taguchi based Grey Method for Multi Aspects Optimization on CNC Turning of AISi7 Mg	Vol.5 (6/2), pp.14292-14301	November, 2017	Scopus	0.71
19.	K. C. Varaprasad	Materials Today Proceedings	Experimental investigation and analysis of process parameters in abrasive jet machining of Ti-6Al-4V alloy	Vol. 4, Pg.No:10894-10903	November, 2017	Scopus	0.71
20.	N. Manikannan	Manufacturing Technology Today	Experimental investigations on spark erosion machining of haste alloy C-276 using Taguchis Approach	Vol.16, No:3-7	November, 2017	UGC approved	---
21.	N. Manikannan	International Journal of Advanced management, Technology & Engineering sciences	Recent strategies in laser based machining for the enhanced service life of Nickel based super alloys	Vol.7, Issue:1 1, Pg no: 220-227	November, 2017	---	--
22.	Manikandan N,	Materials Today Proceedings	Investigation on Ti6Al4V laser metal deposition using Taguchi based grey approach	Vol.5 (6/2), pp.14375-14383	November, 2017	Scopus	0.71
23.	Manikandan N, S, Bhanu Prakash P	Materials Today Proceedings	Optimization of process parameters in Electrical Discharge Machining of Haste Alloy C276 using Taguchi's method	Vol.5 (6/2), pp.14432-14439	November, 2017	Scopus	0.71
24.	N.Manikandan	Materials Today Proceedings	Machinability studies on CNC turning of PH stainless steel with Coated Inserts	Vol.5 (6/2), pp.14520-14525	November, 2017	Scopus	0.71
25.	Raghurami Reddy. D	International journal of Engineering innovation and research	Extraction of Diesel engine fuel from waste ground nut oil for duel fuel diesel engine	Vol . No 6 and page no29	November, 2017	Nil	3.121
26.	S. Sree Sabari	Journal of Advanced Microscopy Research	Comparison of Artificial Neural Networks (ANN) and Response Surface Methodology (RSM) Modeling Approaches in Predicting the Deposition Efficiency of Plasma Sprayed Alumina	Vol. No. 12, Pg. No 1-10	October, 2017	Scopus, Google scholar	0.22

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			Coatings on AZ31B Magnesium Alloy				
27.	Sadu Venkatesh	Transaction of Indian Institute of Metal	Design, Development, Analysis and comparison of instrumented Irradiation capsule	Vol.7, No:3, 555-566	October, 2017	Scopus	0.553
28.	Sadu Venkatesh	Materials Today Proceedings	Optimization of Process Parameters of EDM Process Using Fuzzy Logic and Taguchi Methods for Improving Material Removal Rate and Surface Finish	Vol.7 No:3 585-596	October, 2017	Scopus	0.837
29.	G Ramanjaneyulu	SAE International	Study of Wear Behavior of POM/Graphite and POM/MoS2 Composites	doi:10.4271/2017-28-1988.	October, 2017	Scopus	1.99
30.	Sadu Venkatesh	Australian Journal of Basic and Applied Sciences,	Design, Development And Performance Analysis Of Axial Flow Wind Turbine For Household Applications	vol-11, Pg. 77-85	October, 2017	Scopus	2.5
31.	S. Sree Sabari	Journal of Magnesium and Alloys	Prediction and optimization of process variables to maximize the Young's modulus of plasma sprayed alumina coatings on AZ31B magnesium alloy	Vol. No. 11, Pg. No133-145	June, 2017	Scopus, Google scholar	1.453
32.	P. Thejasree, G. Dileep Kumar	Elsevier Materials Today: Proceedings	Modelling and Analysis of Crankshaft for Passenger Car using ANSYS	4, pp. 11292-11299	June, 2017	Scopus	0.71
33.	Naresh Neeli	Multidiscipline Modeling in Materials and Structures, www.emeraldinsight.com	Mathematical modeling of delamination factor on drilling of ARALL composites through RSM	Vol. 13 Issue: 4, pp.578-589, https://doi.org/10.1108/MMS-01-2017-0003	June, 2017	Scopus	0.32
2016-17							
1.	N Manikandan,	International journal of engineering research in mechanical and civil engineering	Recent Development of Laser Based Treatment on Titanium Alloys: From Coating to Treatment – A Review	Vol.2, Pg. No 505	June, 2017	Google scholar	3.8

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2.	P. Bhanu Prakash, N. Manikandan	International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE)	Development of Aluminium 6061 Silicon Carbide (SiC) Composites using Stir Casting Technique	Vol 2, 2017, p. 2456-1290	June, 2017	Google scholar	2.8
3.	G.V.V.S.Reddy Prasad	International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE)	Vibration Analysis of CNC Machine Spindle using LabVIEW	Vol 4, Issue 3,	March, 2017	Google scholar	3.689
4.	T. Hari Prasad	International Journal of Ambient Energy	Experimental investigations on a VCR CIDI Engine with blend of methyl esters Palm stearin-diesel for performance and emissions	Vol. No.2, Pg. No 32	February, 2017	Scopus	0.89
5.	K.L. Narasimhamu	i-manager's Journal on Mechanical Engineering	Experimental studies on turning of Aluminium 6351 – t6 Alloy under minimum quantity lubrication technique	Vol.7, P.No16	January, 2017	Nil	Nil
6.	R.L. Krupakaran, T. Hariprasas,	International journal of Carbon Management; 7; pp.1-9	The performance and exhaust emissions investigation of a diesel engine using γ -Al ₂ O ₃ nanoparticle additives to biodiesel	online	August, 2016	Nil	Nil
7.	K.Lakshmi kala, Dr.T.Hari Prasad	International Journal of Innovative Research in Science, Engineering and Technology	Modelling and Structural Analysis of Disc plate with Different Materials by Using ANSYS Software	5(8); 14803-14810	August, 2016	Google scholar	
8.	Mr. P.Bhanu Prakash	i-manager's Journal on Mechanical Engineering	A Statistical GA based demand forecasting model for automotive batteries manufacturing	Volume & Issue 6, pp. 18-22,	July, 2016	Nil	Nil
9.	Ms. B.Sravani	Elixir International Journal of Mechanical Engineering	Optimization Of Flow Shop Scheduling Problems Using Teaching Learning Based Optimization (TLbo)	Volume & Issue 96, pp. 41360-41363,	July, 2016	Nil	Nil

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10.	Ms. B.Sravani	Anveshana's International Journal Research In Engineering And Applied Sciences (AIJREAS)	Modelling And Analysis Of Inline Dripper In Irrigation	Volume 1, Issue 7,	July, 2016	Nil	Nil
11.	Mr. N. Naresh Mr. K. Rajasekhar	Advances In Materials Research	Multi-Response Optimization For Milling AISi304 Stainless Steel Using GRA and DFA	Volume 5, Issue 2, pp. 67-80,	July, 2016	Google scholar	2.23
12.	G. Dileep Kumar, P.C. Krishnamachary	i-manager's Journal on Mechanical Engineering	Performance of a Rotor on Short Spiral Journal bearing considering Amplitude, Velocity and Acceleration as response parameters using experimental and Neural Network Analysis	ISSN:2230-9055, E-ISSN:2249-0744, Volume 6 & Issue 3, pp 1-8	July, 2016	Nil	Nil
13.	Mr. S.Lakshmi Narayana, Mr. S.Nageswara	International Journal Of Engineering & Technology Research, Volume 4, Issue 3, pp. 01-13, May-June, 2016.	Mechanical Properties Of Glass, Bamboo And Sisal With Reinforced Epoxy Composite: An Experiment	Vol.4, Pg. No:1-13	June, 2016	Nil	Nil
14.	G. P Anuraag, M. Vijay Kumar Reddy	International Journal of Engineering and Technology (IJET); 8 & 2; Pp: 829-836	Studies on the Material Removal Rate of Al-SiC Composites Machined by Powder mixed EDM Technique	Vol. 8, Pg. No:829	June, 2016	Scopus/ Google Scholar	0.77
2015-16							
1.	Babu A.R, Amba prasad rao G, Hariprasad T	International journal of Ambient Energy ; 36; pp.1-8	Experimental investigations on a variable compression ratio (VCR) CIDI engine with a blend of methyl esters palm stearin-diesel for performance and emissions	Vol.38, Pg. No:420-427	Feb-16		

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2.	Mr.s. Nageswara	International Journal of Engineering & Technology Research;	Mechanical Properties of glass , Bamboo and sisal with Reinforced Epoxy Composite: An Experiment	Volume:4 Issue:3; PP:01-13	May-16		
3.	M. Vijay Kumar Reddy	I manager ;	Analysis of Femur Bone during Static Condition By Using Finite Element Method	11 & 2; Pp: 20-24	Jan-16		
4.	N. Naresh	International Journal of Engineering & Material sciences	Process parameters optimization on machining force and delamination factor in milling of GFRP composites using grey relational analysis	Vol.22, Pg. No: 313-320	Jun-15		
5.	T. Hariprasad,d	Applied Mechanics and Materials	Comparative Studies of PCM based TES System Using Different PCMs	Vol. 787, Pg. No: 88-91	Aug-15		
6.	T.Hari Prasad,	Applied Mechanics and Materials	Experimental Studies on the Performance of C.I Engine with Fish Oil Methyl Ester as Fuel for Various Blends of Diesel and LPG	Vol.787, Pg. No:687-691	Jul-15		
7.	T. Hari Prasad	International Journal of Automotive and Mechanical Engineering	Direct injection of water mist in an intake manifold spark Ignition engine	Vol.12-Pg. No2809-2819	Dec-15		
8.	T Hari Prasad	Journal of Alternate Energy Sources and Technologies	Effect of Compression Ratio and Fuel Injection Pressure on the Performance and Emissions of a CI Engine with Methyl Esters of Pongamia Oil	Vol. 6: Pg. No:8	Jan-15		
9.	Hari Prasad T.	International Journal of Applied Engineering and Technology	Evaluation of vcr ci di engine for performance and emissions with blend of methyl esters of Palm stearin-diesel	Vol.5: Pg. No:50-62	Aug-15		

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2014-15							
1.	Dr. K. C. Varaprasad	International journal of Applied Mechanics and materials, Trans Tech Publications, Switzerland.	Machinability improvement in Turning of Titanium alloy (Gr2) using Cubic Boron Nitride CBN cutting tool.	Vol. 564), pp 507-512,	Jun-14		
2.	K. Prasad	International journal of research in Engineering & Technology,	Electrical discharge machining of composites-A Literature Review	Vol.3 (2014), PP 11-15.	Jul-14		
3.	B.K.C.Ganesh	International Journal of Materials & Design	Effect of shotpeening on sliding wear of titanium implants	Vol. 56, ISSN No. 0261-3069, pp: 480-486	Aug-14		
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8.	N. Naresh	IUP Journal of Mechanical Engineering.	Modelling and Analysis of Machining GFRP composites using fuzzy logic and ANOVA	Vol. VIII, No:4	Nov. 2014		
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1.	Dr. T. Hariprasad	Journal of Mechanical Engineering and Sciences (JMES)	Study of Mechanical Properties of Banana-Coir Hybrid Composite using Experimental and Fem Techniques	Vol. No. 4: Pg. No:518-531	Jun-13		
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