

PUBLICATIONS 2017 - 2018

<u>S.No</u>	Publication	Authors	Journal, ISSN, DOI	WOS / SCOPUS / UGC	Publication Date
1	Modelling and structural analysis of a Go-kart vehicle chassis frame	Dr.P.RavikanthRaju	International Journal of Mechanical Engineering & Technology (IJMET), Vol 8, Issue 6, 305-311, ISSN No. 0976-6340	UGC	June 2017
2	Development of an open type CNC system for a 3-axis micro CNC machine	Dr.P.RavikanthRaju	International Journal of Mechanical Engineering & Technology (IJMET), Vol 8, Issue 6, 463-470, ISSN No. 0976-6340	UGC	June 2017
3	Design Modification of Milling Cutter and Analysis of Working Performance Strength	Mr.B.Praveen	International Journal for Innovative Engineering and Management Research (IJIEMR), Vol 06, Issue 05, 2115-2122, ISSN No. 2456-5083	UGC	July 2017
4	Vibration and Structural Analysis on Helicopter Blades	Mr. B.Praveen	International Journal for Innovative Engineering and Management Research (IJIEMR), Vol 06, Issue 05, 1840-1847, ISSN No. 2456-5083	UGC	July 2017
5	Modelling and Stress Analysis of Impact Attenuator for Vehicle Protection	Mr. Y Akshay Kumar Ms. M Ujwala Ms. A Rajasri	International Journal of Research (IJR), Vol 05, Issue 03, 91-95, ISSN No. 2348-6848	UGC	August 2017
6	Modelling and Thermal Effects Analysis on Toroidal Aero Spike Nozzle in Hybrid Rocket Engine	Mr. B Praveen Mr. M Rajkumar Reddy Ms. P Priyanka	International Journal of Research (IJR), Vol 05, Issue 03, 134-141, Issue No. 2348-6848	UGC	August 2017

7	Modelling and Thermal Analysis on Heat Exchanger Tubes with varying various materials	Ms. P Priyanka Mr. B Shiva Rama Krishna Mr. Shiva Kumar Vasmate	International Journal of Research (IJR), Vol 05, Issue 03, 76-82, ISSN No. 2348-6848	UGC	August 2017
8	Optimization of Roller Burnishing Process Parameters for High Strength EN19 Alloy Steel	Mr. A Swamy Mrs. P Saritha	International Journal of Engineering Research and Applications (IJERA), Vol 07, Issue 08, 76-79, ISSN No. 2248-9622	UGC	August 2017
9	Optimization of the Process parameters of wire EDM of a Hardened Steel 60 HRC component by Taguchi based design of experiments	Mrs. P Saritha Mr. H Ameresh Mr. B Praveen Mr. Y Akshay Kumar	International Journal of Research (IJR), Vol 05, Issue 03, 134-144, ISSN No. 2348-6848	UGC	August 2017
10	A variant of EDM Process (MICRO HOLE DRILLING)	Mrs. P. Chaitanya Krishna Chowdary Mrs. A. AshwiniShanthi Mrs. A. Neeraja Dr. N. N. Ramesh	International Journal of Engineering & Technology (IJET), Vol 9, Issue 4, 3111-3114, ISSN No. 0097-4024	UGC	Aug –Sep 2017
11	Modeling and Analysis of Electrical Discharge Machining Process Parameters using Fuzzy Logic	Mr. O. Rajender Mr. MahenderKoduri	International Journal of Research (IJR), Vol 04, Issue 10, 860-870, ISSN No. 2348-6848	UGC	Sep 2017
12	Aerodynamic Analysis on a Car Profile	Mr. M. Mahesh Babu Mr. M. Rajkumar Reddy, Mr.K.Krishna	International Journal of Research (IJR), Vol 04, Issue 10, 327-334, ISSN No. 2348-6848	UGC	Sep 2017
13	Advances in Design of Modern Thermal Plants- A Review	Mr. M Harish Mrs. P. Saritha Mr.B. Shiva Rama Krishna Mr. M Raj Kumar Reddy	International Journal of Mechanical Engineering & Technology (IJMET), Vol 8, Issue 9, 226-236, ISSN No. 0976-6359	UGC	Sep 2017
14	Experimental and Finite Element Analysis of Araldite Cy-230 Composite under Compression	Mr. VemulaAdithya Mr. S. Jush Kumar	International Journal of New Innovations in Engineering and Technology (IJNIET), Vol 7, Issue 4, 01-09, ISSN No.2319-6319	UGC	Oct 2017

15	Experimental Study of Convective Heat Transfer in a Finned Tube Counter Flow Heat Exchanger with Fe ₃ O ₄ -Water Nanofluid	Mr. Md. Sikindar Baba	International Journal of Mechanical Engineering and Technology (IJMET), Vol 8, Issue 11, 500 - 509, ISSN No. 0976-6340	UGC	2017
16	Design and Performance Analysis of Hobbing Milling Cutter	Mrs. K. Kalyani	International Journal of Research (IJR), Vol 04, Issue 14, 3670-3676, ISSN No. 2348-6848	UGC	Nov2017
17	Bending Analysis of Piezo laminated Composite Plates using HSDT	Dr. P. RavikanthRaju	International Journal of Computational Engineering Research (IJCER), Vol 07, Issue 11, 48-53, ISSN No. 2250 – 3005	UGC	Nov2017
18	Characteristics of a suspension spring under varying thickness and material	Mrs. K. Kalyani Ms. P. Priyanka Mr. H. Ameresh Mr.M. Mahesh Babu	International Journal of Science and Research (IJSR), Vol 6 , Issue 11, 2220-2229, ISSN No. 2319-7064	UGC	Nov2017
19	Static and Transient Analysis of Composite Leaf Spring	Dr. N. Nagabhushana Ramesh, Dr. R. Venkat Reddy Dr. P. RavikanthRaju	International Journal of Innovative Technology and Research (IJITR), Vol 5, Issue 6, 7698-7704, ISSN No. 2320 – 5547	UGC	Nov2017
20	Effect of Various Process Parameters on Punch and Die Design in Deep Drawing Process	Dr. R .Venkat Reddy Dr. P. RavikanthRaju	International Journal of Innovative Technology and Research (IJITR), Vol 5, Issue 6, 7684-7691, ISSN No. 2320 – 5547	UGC	Nov2017
21	Ball Burnishing Process Optimization for Aluminum Alloy using Taguchi Technique	Mrs. P. Saritha Dr. P. RavikanthRaju Dr. R .Venkat Reddy	International Journal of Innovative Technology and Research (IJITR), Vol 5, Issue 6, 7679-7683, ISSN No. 2320 – 5547	UGC	Nov2017
22	Mechanical Behavior of Ball Burnishing on Composite Material	Mrs. P. Saritha Dr. R .Venkat Reddy	International Journal of Innovative Technology and Research (IJITR), Vol 5, Issue 6, 7440-7447, ISSN No. 2320 – 5547	UGC	Nov2017
23	Characterization of Mechanical and Thermal Properties of Epoxy Based Hybrid Composites	Mr. S. Jush Kumar Mr. M. Mahesh Babu	International Journal of Innovative research in Technology (IJIRT), Vol 4 , Issue 7, 6-10, ISSN No. 2349-6002	UGC	Nov2017

24	Investigation of Mass Flow Rate in Venturimeter using CFD analysis	Mr. H. Ameresh Dr. P. RavikanthRaju Dr. R. Venkat Reddy	Int. Journal of Engineering Research and Application (IJERA), Vol 7, Issue 12, 86-90, ISSN No. 2248-9622	UGC	Dec 2017
25	Free Vibration Analysis of Curved Cantilever Sandwich Structure	Dr.P. RavikanthRaju Dr. R. Venkat Reddy	Int. Journal of Engineering Research and application (IJERA), Vol 7, Issue 12, 01-08, ISSN No. 2248-9622	UGC	Dec 2017
26	Experimental Analysis of Dissimilar Weldments SS316 and Monel400 in GTAW Process	Mrs. A. Pooja Dr. R. Venkat Reddy, Dr. P. RavikanthRaju	International Journal of Engineering Research and Development (IJERD), Vol 13, Issue 12, 39-46, ISSN No. 2278-067X	UGC	Dec 2017
27	Modeling and Analysis of Femur Component of A Prosthetic Knee Joint	Mr. G Krishnateja, Mr.K. Mahender	International Journal of Engineering Sciences & Research Technology (IJESRT), Vol 6, Issue 12, 301-307, ISSN No. 2277-9655	UGC	Dec 2017
28	Conjugate Heat Transfer Studies of Milling Cutter Inserts	Ms. N C Swapna Sri, Mr. B.Mahesh	IOSR Journal of Mechanical and Civil Engineering, 28-34, 2278-1684, ISSN No. 2320-334X	UGC	Sept 2017
29	Experimental Investigations for Specific heat of Co2 Silicate Moulds	Dr. R. Venkat Reddy	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 4, Issue 11, 44-49, ISSN No. 2393-8374, 2394-0697	UGC	Oct 2017
30	Experimental Investigations on Thermal Diffusivity of Co2 Silicate Moulds	Dr. R. Venkat Reddy	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 4, Issue 11, 55-60, ISSN No. 2393-8374	UGC	Oct 2017
31	Heat Transfer Enhancement In Fe3O4-Water Nanofluid Through A Finned Tube Counter Flow Heat Exchanger	Mr. Md. Sikindar Baba	International Journal of Applied Engineering Research (IJAER), Vol 12, Issue 24, 15709-15714, ISSN No. 0973-4562	UGC	Nov 2017
32	Investigation of Mechanical Properties of Al 7075 With Magnesium oxide Nano Powder MMC	Mr.T. Prasad, Mr.P. Chinna SreenivasRao	International Journal of Mechanical and Civil Engineering (IOSR-JMCE), 60-65, ISSN No. 2278-1684	UGC	Nov 2017

33	Experimental Investigations on Performance and Emission Characteristics of LHR Engine at different Injection Timings using Biodiesel Fuels	Mr. Srikanth Vadlamudi, Mr. B.RajaNarender	Int. Journal of Engineering Research and Application (IJERA), Vol 8, Issue 1, 13-24, ISSN No. 2248-9622	UGC	Jan 2018
34	Study on Mechanical Properties of Rice Husk Ash and Fly Ash Reinforcement in Aluminium (Al 6061) Metal Matrix Composites	Mr.T. Prasad, Mr.M. Rajkumar Reddy, Mr.P. Chinna SreenivasRao	International Journal of Engineering Technology Science and Research (IJETSR), Vol 5, Issue 1, 1111-1116, ISSN No. 2394 – 3386	UGC	Jan 2018
35	Design and Analysis of Fibre Reinforced Composite Ceiling Fan Blade	Mrs. Sravanthi C	Int. Journal of Engineering Research and Application (IJERA), Vol 8, Issue 1, 91-93, ISSN No. 2248-9622	UGC	Jan 2018
36	Influence of Tool Profile on Friction Stir Welded Al-2014 Joints	Mr. A. NagamalleswaraRao Mr.H. Ameresh	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol 6, Issue 2, 635-644, ISSN No. 2321-9653	UGC	Feb 2018
37	Optimization of Engine Efficiency by Reducing The Weight of Connecting Rod by using Composite Material Carbon Fiber Epoxy	Mrs. C Sravanthi	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol 6, Issue 2, 2046-2051, ISSN No. 2321-9653	UGC	Feb 2018
38	Experimental Study on Aa7075 Its Effect of Rotational Speed and Tool Pin Profile on Friction Stir Welding Process	Mr..L. Srinivas Naik	International Journal of Innovations in Engineering and Technology (IJJET), Vol 9, Issue 3, 88-93, ISSN No. 2319-1058	UGC	Feb 2018
39	Study of Process Parameters used in Wire- Electric Discharge Machining	Mrs. K. Kalyani	International Journal of Research (IJR), Vol 5, Issue 7, 136-142, ISSN No. 2348-6848	UGC	March 2018
40	An Experimental Study of B- Type Stirling Engine using Solar Radiation	Mr. R. Naresh Kumar Goud	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 1-4, ISSN No. 2393-8374	UGC	March 2018

41	Experimental Investigations for Heat Accumulation Factor of Co2Silicate Moulds	Dr. R Venkat Reddy	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 5-9, ISSN No. 2393-8374	UGC	March 2018
42	Design and Analysis of A Crane Hook	Dr. P. RavikanthRaju Mr. SomaganiUpendar	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 10-15, ISSN No. 2393-8374	UGC	March 2018
43	Surface Characteristics of Brass By Burnishing Process	Mrs.P. Saritha Mr. Harish Mugutkar, Mr. M. Rajkumar Reddy	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 16-22, ISSN No. 2393-8374	UGC	March 2018
44	Experimental Investigation on Turning of Turbine Blade Material AISI 420 SS (X20 Cr13 Alloy) under Different Cutting Fluid Conditions	Mr. Madan Mohan Reddy Nune Mr. VemulaAdithya	International Journal of Current Engineering and Scientific Research (IJCESR) Vol 5, Issue 4, 23-23, ISSN No. 2393-8374	UGC	March 2018
45	Analysis of Performance and Emission Characteristics of Four Stroke C.I. Engine using Bio-Diesel Blends	Dr. T. Krishnaiah Mr. B. Rajanarendra	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 28-34, ISSN No. 2393-8374	UGC	March 2018
46	Design of Mounting Plate for Section-IV of An Aerospace Vehicle Under Yawing Condition	Mrs. C. Sravanthi Mrs. D. Pratibha Mrs.PoojaAngolkar	International Journal of Current Engineering and Scientific Research (IJCESR) Vol 5, Issue 4, 35-39, 2393-8374	UGC	March 2018
47	Performance and Exhaust Emissions of Four Stroke CI Engine using Bio-Diesel Blends as Fuel	Mr. SrikanthVadlamudi Ms. P. Priyanka	International Journal of Current Engineering and Scientific Research (IJCESR) Vol 5, Issue 4, 40-46, ISSN No. 2393-8374	UGC	March 2018
48	FEA Simulation of Composite Propeller Shaft of Automobile	Mr.M. Mahesh Babu, Dr. N. N Ramesh	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 47-51, ISSN No. 2393-8374	UGC	March 2018

49	CFD Analysis of An Ejector for Cooling Applications	Mr. Shiva kumar V	International Journal of Current Engineering and Scientific Research (IJCESR) Vol 5, Issue 4, 52-56, ISSN No. 2393-8374	UGC	March 2018
50	Human Head-Neck Injury Assessment using A Multi body Modeling and Simulation	Mrs.P. Chaitanya Krishna Chowdary, Mrs.A. Neeraja	International Journal of Current Engineering and Scientific Research (IJCESR) Vol 5, Issue 4, 57-63, ISSN No. 2393-8374	UGC	March 2018
51	Study on Wear Properties of Rice Husk Ash and Fly Ash Reinforcement in Aluminium (Al 6061) Metal Matrix Composites	Mr. M. Rajkumar Reddy Mr.T. Prasad, Dr. P RavikanthRaju	International Journal of Current Engineering and Scientific Research (IJCESR) Vol 5, Issue 4, 64-68, ISSN No. 2393-8374	UGC	March 2018
52	Kinematic Design of Parallel Manipulator using Isotropic Indices	Mr.T. Chandra Sekhar Mr. S. Jush Kumar Mr.O. Rajender	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 111-113, ISSN No. 2393-8374	UGC	March 2018
53	Machining Characteristics on Surface Roughness of (ZrO ₂) Reinforced In (Al-7075) MMC's	Mr. P. C. SreenivasRao Mr.T. Prasad Mr.B. Mahesh Ms. N. C.Swapna Sri	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4,114-119, ISSN No. 2393-8374	UGC	March 2018
54	Harvesting Electric Energy from Foot Steps	Mr. A. Swamy Ms. AlloliRajasri Ms. M. Ujwala	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4,120-124, ISSN No. 2393-8374	UGC	March 2018
55	Analysis of Composite Drive Shaft using Ansys	Mrs. AshwiniShanthi Mrs. Kalyani. K	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 125-128, ISSN No. 2393-8374	UGC	March 2018
56	Industrial Internet of Things An Effective Manufacturing Strategy for 21st Century	Mr. Harish Mugutkar	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 150-153, ISSN No. 2393-8374	UGC	March 2018

57	Modelling of Prosthetic Hip Joint Generated from CT Scan Data	Mr. MahenderKoduri, Mr. G Krishna Teja, Mr.O. Rajender	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 247-251, ISSN No. 2393-8374	UGC	March 2018
58	State of the Art Research on Catalytic Converters for Automobiles – A Review	Mr. K.Srinivasa Chalapathi Mr.Md.SikindarBaba	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 252-256, ISSN No. 2393-8374	UGC	March 2018
59	Effect of Post-Weld Heat Treatment on the Mechanical and Micro Structural Properties of Friction Stir Welded Aluminum Alloy 7075-T6	Mr. L. SrinivasNaik, Mr. S. Jush Kumar	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 434-439, ISSN No. 2393-8374	UGC	March 2018
60	Impact of Tool on Al-2014 Vs Electrolyte Copper Joints in Friction Stir Welding	Mr. Nagamalleswararao Mr. H. Ameresh	International Journal of Current Engineering and Scientific Research (IJCESR), Vol 5, Issue 4, 440-447, ISSN No. 2393-8374	UGC	March 2018
61	Design and Experimental Validation of Composite Pressure Vessel	Mr. Jush Kumar S Mr. L. SrinivasNaik Mr. T. Chandra Sekhar	International Journal of Engineering Science Invention (IJESI), Vol 7, Issue 4, 15-19, ISSN No. 2319 - 6734	UGC	April 2018
62	Comparative Study On Mechanical and Thermal behavior ofGlass Fiber Reinforced Epoxy Based Composites with Sic &Tio	Mr. Jush Kumar S	International Journal of Engineering sciences Research & Technology (IJESRT), Vol 7, Issue 4, 429-436, ISSN No. 2277-9655	UGC	April 2018
63	Modelling and structural analysis of a Go-kart vehicle chassis frame	Dr .P. RavikanthRaju	International Journal of Mechanical Engineering & Technology (IJMET) Vol 8, Issue 6,305-311, ISSN No. 0976-6340	SCOPUS	June 2017
64	Development of an open type CNC system for a 3-axis micro CNC machine	Dr. P. RavikanthRaju	International Journal of Mechanical Engineering & Technology (IJMET), Vol 8, Issue 6,463-470, ISSN No. 0976-6340	SCOPUS	June 2017
65	Advances in Design of Modern Thermal Plants- A Review	Mr. M Harish Mrs. P. Saritha Mr.B. Shiva Rama Krishna Mr. M Raj Kumar Reddy	International Journal of Mechanical Engineering & Technology (IJMET), Vol 8, Issue 9, 226-236, ISSN No. 0976-6359	SCOPUS	Sept 2017

66	Experimental Study of Convective Heat Transfer in a Finned Tube Counter Flow Heat Exchanger with Fe ₃ O ₄ -Water Nano fluid	Mr. Md. Sikindar Baba	International Journal of Mechanical Engineering and Technology (IJMET), Vol 8, Issue 11, 500 - 509, ISSN No. 0976-6340	SCOPUS	November 2017
67	Heat Transfer Enhancement In Fe ₃ O ₄ -Water Nanofluid Through A Finned Tube Counter Flow Heat Exchanger	Mr. Md. Sikindar Baba	International Journal of Applied Engineering Research (IJAER), Vol 12, Issue 24, 15709-15714, ISSN No. 0973-4562	SCOPUS	November 2017