



Methodist College of Engineering and Technology, Hyderabad
Department of Mechanical Engineering
Academic Year 2014-2015

R_D Research Publication-Conference Paper/Poster

S. No.	Name of Author	No. of Author	Main Author Yes/No	Title of Paper	Title of Conference	ISBN/ISSN Number	International/National	Venue
1.	Md. Fakhruddin H. N., Dr.M.Yousuf Ali	02	Yes	Modified CI Engine Performance by Varying Injection Timing	International Conference on Advance Research in Technology and Engineering – ICARTE	NA	International	Sri Ranganathar Inst. of Engg. & Tech., Coimbatore-6411110
2.	K SrinivasaRaghavan, Md.Fakhruddin H.N.	02	Yes	Performance of CI engine with and without swirl in crown of piston with varying injection timing	An International Conference & Exhibition on Cutting Edge Technological Challenges in Mechanical Engineering (CETCME-2015)	NA	International	Noida Institute of Engineering & Technology, Grater Noida. Utter Pradesh
3.	Y MadhuMaheswara Reddy, R Moses Kruparam, M Amresh Reddy	04	Yes	Design, Simulation And Analysis Of Automatic Multi Fastener Device	ICAET 2014,	ISBN No.: 978-1-4799-4949-6 @ 2014 IEEE	International	E.G.S. Pillay Engineering College- Nagapatinam, Chennai

Faculty In-charge

HoD



Methodist College of Engineering and Technology, Hyderabad
Department of Mechanical Engineering
Academic Year 2015-2016

R_D Research Publication-Conference Paper/Poster

S. No.	Name of Author	No. of Author	Main Author Yes/No	Title of Paper	Title of Conference	ISBN/ISSN Number	International/National	Venue
1.	Y Madhu Maheswara Reddy, M Prasad, V S Ramesh Reddy	03	Yes	Thermal Analysis On Disc Brakes	International Conference on Paradigms in Engineering and technology (ICPET 2016).	ISBN: 978-93-5258-110-9	International	Methodist College of Engineering & Technology, Abids-Hyderabad
2.	Y Madhu Maheswara Reddy, M Prasad, V S Ramesh Reddy	03	Yes	Load Bearing Simulation Studies Of Various Honeycomb Structures For Use As Impact Barriers In Automobiles	International Conference on Paradigms in Engineering and technology (ICPET 2016).	ISBN: 978-93-5258-110-10	International	Methodist College of Engineering & Technology, Abids-Hyderabad
3.	Md. Fakhruddin H. N.	01	Yes	Waste cooking oil as feedstock to produce biodiesel & Saponification reaction as by product	International Conference on Trend Setting Innovations in Chemical Sciences & Technology – Application in Pharma Industry (TSCST-APT)	NA	International	Jawaharlal Nehru Technological University Kukatpally Hyderabad
4.	Md. Fakhruddin H. N.	01	Yes	4 Stroke Engine with 2 Power Strokes	2nd International Conference on Innovative Research in “Mechanical	NA	International	J.N. University New Delhi-110067
5.	Dr. A Rajasekhar	01	Yes	Testing and Estimation of Mechanical Properties of E Glass(V-9) Composite Material	International Conference on Paradigms in Engineering and	ISBN: 978-93-5258-110-8	International	Methodist College of Engineering & Technology,

					technology (ICPET 2016).			Abids-Hyderabad
6.	Dr. A Rajasekhar	01	Yes	Influence of Heat treatment on mechanical properties of Garter spring made by Zirconium alloy”	International Conference on Paradigms in Engineering and technology (ICPET 2016).	ISBN: 978-93-5258-110-8	International	Methodist College of Engineering & Technology, Abids-Hyderabad
7.	Dr. A Rajasekhar	01	Yes	Optimization of process parameters of Ultrasonic machining of Titanium”	International Conference on Paradigms in Engineering and technology (ICPET 2016).	ISBN: 978-93-5258-110-8	International	Methodist College of Engineering & Technology, Abids-Hyderabad
8.	R.Swetha, Dr.L.Siva Rama Krishna	02	Yes	Multi-objective optimization of EDM process parameters on Ti Alloy(BT20L) using Taguchi method and Grey Relational Analysis	International Conference on Paradigms in Engineering and technology (ICPET 2016).	ISBN: 978-93-5258-110-8	International	Methodist College of Engineering & Technology, Abids-Hyderabad
9.	Md. Fakhruddin H. N.	01	Yes	Phenomenon of Gravitational Waves Reaching the Earth Surface due to Black holes in Space	International conference on Paradigms in Engineering & Technology (ICPET)	NA	International	Methodist College of Engineering & Technology, Abids-Hyderabad
10.	Md. Fakhruddin H. N.	01	Yes	Solar Powered Compressed Air Engine	International conference on Paradigms in Engineering & Technology (ICPET)	NA	International	Methodist College of Engineering & Technology, Abids-Hyderabad
11.	Md. Fakhruddin H. N.	01	Yes	Experiment on Single Cylinder CI Engine with Various Proportion of WCOBD in Diesel	International conference on Paradigms in Engineering & Technology (ICPET)	NA	International	Methodist College of Engineering & Technology, Abids-Hyderabad
12.	M.Prasad, Y Madhu	03	Yes	Structural Analysis Of Automotive Disc Brakes	International Conference on	ISBN: 978-93-5258-	International	Methodist College of

	Maheswara Reddy, Dr..P.Usha sri				Paradigms in Engineering and technology (ICPET 2016).	110-8		Engineering & Technology, Abids-Hyderabad
13.	Dr P Shailesh	01	Yes	Preparation and characterization of GFRPC material	5rd International Conference of Material Processing and Characterization (ICMPC 2016).	NA	International	
14.	U S Varaprasad, K.Madhu Murty, G.AmbaPrasadRao, M.Vinod Babu	04	Yes	Influence of FUEL INJECTION PARAMETERS on the perfoooooormance& emissions of CI engine with neat biodiesel	International Conference on Paradigms in Engineering and technology (ICPET 2016).	NA	International	Methodist College of Engineering & Technology, Abids-Hyderabad
15.	K Srinivasa Raghavan	01	Yes	"Experimental and characterization of CI engine Performance with Design Modifications in piston: by inducing turbulence"	International Conference on Paradigms in Engineering and technology (ICPET 2016).	ISBN: 978-93-5258-110-10	International	Methodist College of Engineering & Technology, Abids-Hyderabad
16.	AR Babu. T.Hariprasad, G.Ambaprasadrao, US Varaprasad	04	No	Utilization of Palm stearin based biodiesel in a C I engine with varying injection pressures	International Conference on Paradigms in Engineering and technology (ICPET 2016).	ISBN: 978-93-5258-110-10	International	Methodist College of Engineering & Technology, Abids-Hyderabad

Faculty In-charge

HoD



Methodist College of Engineering and Technology, Hyderabad
Department of Mechanical Engineering
Academic Year 2016-2017

R&D Research Publication-Conference Paper/Poster

S. No.	Name of Author	No. of Author	Main Author Yes/No	Title of Paper	Title of Conference	ISBN/ISSN Number	International/National	Venue
01	Md. Fakhruddin H. N.	01	Yes	Performance Test of Diesel Engine for Waste Cooking Oil Biodiesel Blended with Diesel	National Conference in Emerging Trends in Engineering & Technology, NCETET	Nil	National	Nawab Shah Alam Khan College of Engineering and Technology, Malakpet, Hyderabad

Faculty In-charge

HoD



Methodist College of Engineering and Technology, Hyderabad
Department of Mechanical Engineering
Academic Year 2018-2019

R&D Research Publication-Conference Paper/Poster

S. No.	Name of Authors	No. of Authors	Main Author Yes/No	Title of Paper	Title of Conference	ISBN/ISSN Number	International/National	Venue
01	M.Prasad, Y M.Maheswara Reddy	02	Yes	Design And Analysis Of Light Weight Foldable Cycle With Honey Comb Structure	2 nd International Conference on Paradigms in Engineering and technology (ICPET 2018).	ISSN (Online): 2395-5295	International	Methodist College of Engineering & Technology
02	Swetha.R, MdAsadullah, MdYunus, Shobab.A	04	Yes	Thermal analysis of the coated super alloy for industrial gas turbine applications	2 nd International Conference on Paradigms in Engineering and technology (ICPET 2018).	ISSN (Online): 2395-5295	International	Methodist College of Engineering & Technology
03	Y Madhu M. Reddy, Mr. K Prabhakar, Dr. A Rajasekhar, Dr. P Shailesh	04	Yes	Economizing Of Machining Process By Heating The Work Piece In The Furnace To Increase Tool Life, Surface Finish And To Reduce The Power Consumption	2 nd International Conference on Paradigms in Engineering and technology (ICPET 2018).	ISSN (Online): 2395-5295	International	Methodist College of Engineering & Technology



Methodist College of Engineering and Technology, Hyderabad
Department of Mechanical Engineering
Academic Year 2016-2017

R&D Research Publication-Journals

S. N	Name of the author/s	Title of paper	Name of journal	ISBN/ISS N number	DOI
1	A. Rajasekhar	“Friction stir welding of stainless steels – review”. 4(9), 977-985	International Journal of Advance d Research	ISSN: 2320-5407	10.21474/IJAR01/1572
2	P Shailesh , J .babu, K. Vijay Kumar , k.SrinivasaRaghavan,	“Evaluation of Strain and Strain rates at different stages of Super plastic Cone Forming”, at 5th International Conference of Materials Processing and Characterization	(ICMPC) (Scopus index journals).	(2017-18) 835-841	-
3	BSV Ramarao, P. Shailesh and M. Sreenivasa rao	A Review on Current Trends in PM-ECM using Commercial Kerosene as Di-Electric Fluid	International Journal of Science, Engineering and Technology Research (IJSETR), Vol 5, Issue 6,	ISSN: 2278 - 7798	-
4	Kareddula Vijaya Kumar, Puli Ravi Kumar, A SwarnaKumari and P Shailesh,	“Performance and Emission Studies of a SI engine using Distilled Plastic Pyrolysis Oil-Petrol blends”, at 3rd International Conference on Mech., Electronics and Computer Engineering	(CMECE 2016-17) New York,(Scopus index journals).	DOI: 10.1051/mateconf/2016-174502002	10.1051/mateconf/20164503002
5	BSV Ramarao, P. Shailesh and M. Sreenivasa rao	Determination of Best Concentration of Powder to Be Mixed in Di-Electric Fluid of PMEDM (Volume-5, Issue-6)	International Journal of Emerging Research in Management &Technology	ISSN: 2278-9359	-

6	BSV Ramarao, P. Shailesh and M. Sreenivasa rao	Obtaining the output parameters for different powder concentration in PMEDM". Volume 3, Issue 6,	International Journal of Advance Engineering and Research Development	(O): 2348-4470 p-ISSN (P):	-
7	P. Ravi chander , Dr. B. Sudheer Prem Kumar , Dr. K. Vijaya Kumar Reddy	Investigation Into The Effect Of Exhaust Gas Recirculation (Egr) Adopting Different Air Filters On Performance And Emissions Of Di Diesel Engine	Journal of Mech. and Civil Engineering (IOSR-JMCE)	ISSN(P): 2320-334X	10.9790/1684-13110112
8	Mr.DEGALA RAJENDRA , Mr. P RAVICHANDER ,Prof. R V PRASAD	Simulation Of Critical Crack Length Propagation Using Fracture Mechanics	International Journal of Computational Engineering Research (IJCER)	ISSN(e): 2250-3005	-
9	Md. Fakhruddin H.N., Manzoor Hussain, Mohammed Adnan Ahmed	Exhaust Gas Emission Analysis for Variable Injection Pressure 1-Cylinder Engine for 2 Different Feedstock Biodiesel Blended in Diesel	International Journal of Latest Trends in Engineering and Technology (IJLTET)	ISSN: 2278-621X p-ISSN: 2319-	10.21172/1.71.038
10	Md. Fakhruddin H.N., Dr Manzoor Hussain and Md. Samiuddin Siddiqui	Experimental Investigations on Single Cylinder CI Engine for Variable Compression Ratio & Variable Injection Pressure Using Treble Fuel	International Journal of Innovations in Engineering and Technology (IJJET)	ISSN: 2319 – 1058	-
11	Dr. Mohammad S. Alsoufi1, Dr. Mohammed Yunus1 and Mr. Mohammed Asadullah	Economical and technical way of ladle preheating by the use of flameless oxyfuel gas in steel industry.	elixir	ISSN- 229-712X	-
12	V. DURGESH,C SUDHAKAR	Natural Convective Heat Transfer for Inclined Narrow Plate , Pages:3005-3011	International Journal of Advanced Technology and Innovative Research (IJATIR)	ISSN 2348–2370	-
13	Bollapally Suman Goud, Rangdal Srikanth	Analysis of Thermal Effects on Valve by Conventional and Blended Fuels, Volume 03 Issue 11	International Journal of Research	ISSN: 2348-6848 e-ISSN: 2348-	-
14	Dachepally Raghu Babu, Rangdal Srikanth	Design and Analysis of Different Material to Increase thePerformance of Ac Condenser	International Journal of Research	ISSN: 2348-6848 e-ISSN: 2348-	-

15	Aerukonda sandeep kumar, Rangdal Srikanth	Design and Thermal Analysis by Finite Element Methods of Cylinder Head of SI Engine	International Journal of Research	P-ISSN: 2348-6848 e-ISSN: 2348-	-
16	Dhondi Sindhuja, Rangdal Srikanth	Design and Thermal Analysis of Combustion Outer Case for Turbo Engine	International Journal of Research	P-ISSN: 2348-6848 e-ISSN: 2348-	-
17	Md Shabuddin, Rangdal Srikanth	Design and Thermal Analysis of Cylinder Head in Diesel Engine	International Journal of Research	P-ISSN: 2348-6848 e-ISSN: 2348-	-
18	Syed Basith Ahmed, Rangdal Srikanth	Investigation of Thermal Field in Friction Surfacing Different Tool Pin Profiles Square and Circular	International Journal of Research	P-ISSN: 2348-6848 e-ISSN: 2348-	-
19	Gurustal Somnath Swamy, Srikanth Rangdal, Mohammed Ghufuran Uddin, Mahantesh Katagi	Tensile strength of galvanized iron glass fiber sandwich panel, PP 26-30, Volume 13, Issue 4 Ver. I	IOSR Journal of Mech. and Civil Engineering (IOSR-JMCE)	C-ISSN: 2278-1684,p- ISSN: 2320-	10.9790/1684-1304012630
20	PRABHURAJ P, RAJAKUMAR S, Lakshminarayanan A.K, Balasubramanian V	Developing Empirical Relationship to Predict Corrosion Rate of High Strength AA 7075-T651 Aluminium Alloy Under Salt Fog Environment	International journal of electroactive materials, Vol.4 (2016) pp 44-49.	ISSN: 2289-8360	-

Faculty In-charge

HoD



Methodist College of Engineering and Technology, Hyderabad
Department of Mechanical Engineering
Academic Year 2017-2018

R&D Research Publication-Journals

S. N	Name of the author/s	Title of paper	Name of journal	ISBN/ISSN number	DOI
1	Rakesh Mididoddi, A. Raja Sekhar	Simulation of Flow and Structural Analysis of Industrial Blower “,Vol. 7, Issue 8, (Part -1), pp.82-89	Int. Journal of Engineering Research and Application	ISSN : 2248-9622,	10.9790/9622-0708018289
2	Prerna Ramagiri, Rajasekhar Adula , D.V.Srikanth	Optimization of Process Parameters in Abrasive Jet Drilling Of Hastelloy Using Taguchi Method” Volume 6 Issue 11 PP. 50-55	International Journal of Engineering Science Invention	2319 – 6734, ISSN	-
3	Md. Fakhruddin H.N., Dr. M.Yousuf Ali & Dr. M.Manzoor Hussain	Experimental Investigation on CI Engine for Performance, Emission and Combustion Characteristics of Dual Biodiesel Blended in Diesel	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	ISSN: 2321-9653	-
4	Md. Fakhruddin H.N., Dr. M.Yousuf Ali & Dr. M. Manzoor Hussain	Hydrogen Enrich Treble Biofuel Blended With Diesel for Performance and Emissions Characteristics on CI Engine	International Journal of Automotive & Mech. Engineering (IJAME)	8649(pri nt); 2180-	10.15282/ijame.14.4.2017.4.0365
5	Prasad. Matam,K.Srinivas	Design and analysis of gas turbine blade	International journal of research in advanced engineering technologies.Volume 6 Issue 2-4,Page no 16-25, July 2017	2455-0876	-
6	Prasad. Matam,Md.Salman ahmed siddiqui	Flow analysis of positive displacement pump lobe rotor using ansys workbench	International journal of professional engineering studies ,Volume 8 Issue 5-45,Page no 301-311		-

7	Prasad. Matam, Jala Harika	Two phase flow simulation in “Y” joint duct used in pipeline applications	International journal of professional engineering studies ,Volume 8 Issue 5-45,Page no 301-311		-
8	Prasad. Matam, Thakur Angraj singh, Y Madhu Maheswara Reddy	CFD analysis of an economizer for 25mm design bend radius in a fire tube boiler	International Journal of Modern Trends in Engineering & Research, IJMTER, Volume 5, Issue 4	9745 UGC Index	10.21884/IJMTER.2018.5114.NU FZK
9	Prasad. Matam, P, Bhagavan rao, Y Madhu Maheswara Reddy	CFD analysis of solar absorber plate	International Journal for Research in Applied Science & Engineering Technology, IJRASET, Vol 5, Issue 4	9653 UGC Index	-
10	P. Prabhuraj, S. Rajakumar, V. Balasubramanian	Optimising salt fog corrosion parameters to minimising the corrosion rate of AA7075-T651 alloy.	Science Direct Materials Today: P(2018) 14573–14582 Volume 5, Issue 6, Part 2, 2018, Pages 14573-1458	2214-7853 (Elsevier)	-
11	P. Prabhuraj, S. Rajakumar, A.K. Lakshminarayanan	Developing an empirical relationship to predict the corrosion rate of high strength AA7075-T651 aluminium alloy under salt fog environment	International journal of electroactive materials, Vol.4 (2016) pp 44-49.	ISSN: 2289-8360#	-
12	Prasad Matam, Md. Sameer numanuddin, Y Madhu Maheswara Reddy	Optimization of design parameter of constant blank thickness by varying friction coefficient using explicit FEA on deep drawing process of a cylindrical plate	Journal of Emerging Technologies and Innovative Research, JETIR, Vol 5, Issue 4	ISSN: 2349-5162	-
13	Dr. P. Ravichander, Madhu Maheswara Reddy Kashif Mohiuddin Shahy	Design And Development Of Fabrication Drawings For Twin Seater Wheel Chair	International Journal of Modern Trends in Engineering and Research (IJMTER)	(Online): 2349-9745 ; ISSN 2349-5162	-
14	Prasad. Matam, Y Madhu Maheswara Reddy	Experimental determination and optimizing the process parameters of AISI304 using GTAW	International Journal of Creative Research Thoughts - IJCRT/Vol 6 / Issue 2/ 123	ISSN : 2320 - 2882	-

15	Y Madhu Maheswara Reddy, Dr P Shailesh	Design And Analysis of Excavator Bucket Tooth	International Journal of Modern Trends in Engineering & Research, IJMTER, Volume 5, Issue 4.	ISSN: 2349-5162	-
16	Y Madhu Maheswara Reddy, Dr. P Ravi Chander	Fatigue Analysis Of Chain Sprocket Using Finite Element Analysis	International Journal of Advance Engineering and Research Development (IAERD)	4470, print-ISSN:	-
17	Prasad. Matam, Y Madhu Maheswara Reddy	Implementation and testing of turbo charger on a diesel engine	International Journal of Creative Research Thoughts - IJCRT/Vol 6 / Issue 2/ 123	ISSN : 2320 - 2882	-

Faculty In-charge

HoD



Methodist College of Engineering and Technology, Hyderabad
Department of Mechanical Engineering
Academic Year 2018-2019

R_D Research Publication-Journals

S.N	Name of the author/s	Title of paper	Name of journal	ISBN/ISSN number	DOI
1	V. VenkataSrichandan, A.Rajasekhar	Design and Structural Analysis of Mast Member of Hydraulic RIG	International Journal of Emerging Technologies in Computational and Applied Sciences, 25(1), , pp. 01-05,	0047, ISSN (Online): 2279-	-
2	K.Sindhuja, Dr.A.Rajasekhar, Matam Prasad	Design and Analysis of Mech. Gripper for High Temperature Applications	International Journal of Engineering, Business and Enterprise Applications, 25(1), pp. 11-15,	2279-0020 ISSN (Online):	-
3	B.Priyanka, A.Rajasekhar, Manish Kumar Nayak	A Comparative Study of Static and Dynamic Analysis of Automobile Camshaft Made of different Materials	Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 7, PP 465-469,	(ISSN- 2349-5162) www.jeti	-
4	B.Anusha, A.Rajasekhar	“Buckling analysis and life estimation of attachment bracket used in aircraft structure”, Volume 5 – No.3, PP. 1-4	International Journal of Aerospace and Mech. Engineering (IJAME)	ISSN (O): 2393-8609	-
5	Dr. P. Ravi chander, Dr. B. SudheerPrem Kumar, Dr. K. Vijaya Kumar Reddy	Experimental Research Into The Exhaust Gas Recirculation On Combustion Characteristics Of Di Diesel Engine Adopting Different Air Filter	International Journal of Creative Research Thoughts (IJCRT)	ISSN: 2320-2882	-
6	Dr. P. Ravi chander, Dr. B. SudheerPrem Kumar , Dr. K. Vijaya Kumar Reddy	The Effect Of Different Intake Air Filters On Di Diesel Engine Performance	International Journal of Advance Engineering and Research Development	2348 - 4470, print- ISSN:	-

7	Md. Fakhruddin H.N., Umar UZ Zama, Dr. M. Yousuf Ali &Dr. M. Manzoor Hussain	Performance Evaluation of Single Cylinder Diesel Engine using Neem Caster Bio-diesel	Grenze International Journal of Engineering and Technology	2395-5295	-
8	Md. Fakhruddin H.N., Syed Azam Pasha Quadri, sohaib Bin Suhail, Syed Absar Ahmed and Abdur Rahman	Commercial Modular Kitchen Ventilation System Design	Grenze International Journal of Engineering and Technology	2395-5295	-
9	Prasad. Matam,S,Srinivasareddy, YMadhuMaheswara Reddy	Design and analysis of a Tata ace differential gear and drive shaft	International Association of Scientific Innovation and Research,U.S.A Volume 1 issue 25	ISSN2279-0039	-
10	Vijaya K., ShaileshPalaparty, RaghavanSrinivasa, Ravi Kumar Puli,	Investigations on performance of diesel engine by varying injection timings with design modification on piston crown. Page No:562	Emerald Inside World Journal of Engineering	[ISSN 1708-5284]	10.1108/WJE-11-2017-0348
11	K VijayaKumar,DameraBabitha , K SrinivasaRaghavan and P Shailesh, SunchuAbhishekarana, SunchuAnusthitha	Investigation of diesel engine performance with design modifications in piston : Inducing turbulence by swirl page no ; 495	International Journal of Mech. Engineering and Robotics Research	ISSN : 2278-0149	10.18178/ijmerr.7.5.495-499
12	K. Vijaya Kumar, P. Shailesh, K. SrinivasaRaghavan, J. A. RangaBabu& P. Ravi Kumar	Performance and emission analysis of diesel engine with design modifications on piston crown	International Journal of Ambient Energy, Tayler & Francis	ISSN: 0143-0750	10.1080/01430750.2018.1517664
13	K. SrinivasaRaghavan , K. Ramani and J Saikrishna	Design of Cultivator using a Motor and the Analysis on Tiller Blade	Grenze International Journal of Engineering and Technology	2395-5295	-
14	K. Rama Chandra Manohar, Somaganiupendar, V. Durgesh, B.Sandeep,kskmalik, Gurram Narendra Santosh Kumar, Sk.HasaneAhammad	Modeling and Analysis of Kaplan Turbine Blade Using CFD , Pg.1086-1089	International Journal of Engineering & Technology	0975-4024	-

15	Mitali V Salunke, Prasad.Matam	Design & Optimization Of Passenger Car Center Pillar Reinforcement	International journal of research, IJR” Volume 8 issue VI page no 4989-4995 June 2019	2236- 6124 (UGC REF	-
16	MdAsadullah, Md. Yunus, Shobab A, Swetha G	Thermal analysis of TBC coated super alloy for industrial gas turbine.	Grenze International Journal	ISSN: 2395- 5287	-
17	Thakur Sachin Singh, A.Rajasekhar	Fracture Analysis to determine strength of Metal –Composite Joints Vol.4 (2017-18), Issue 6 (June), pp 427 – 433,	International Journal & Magazine of Engineering, Technology, Management and Research	ISSN No: 2348- 4845	-
18	Dr. P Ravi Chander, Mr. Y MadhuMaheswara Reddy, R Manish and G SaiRam	Design and Thermal Analysis of Tractor Boot	Grenze International Journal of Engineering and Technology	ISSN: 2395- 5287	-

Faculty In-charge

HoD



Methodist College of Engineering and Technology, Hyderabad
Department of Mechanical Engineering
Academic Year 2019-2020

R_D Research Publication-Journals

S.N	Name of the author/s	Title of paper	Name of journal	ISBN/ISSN Number	DOI No.
1.	KarakkayalaRohit, P. Ravi Chander, Y. MadhuMaheswara Reddy	Optimisation of Automobile Radiator by Linear and Helical Tubes	IJITEE	2278-3075	10.35940/ijitee.E2780.039520
2.	Tharun Raj, M. Prasad	Conceptual Design Of A Roller Obstacle Deflector	IJITEE	2278-3075	10.35940/ijitee.K7755.0991120
3.	M.Prasad	Design And Analysis Of Propeller Shaft By Using Cad/Cae Tools	Alochana chakra-UGC CARE GROUP-1	2231-3990	-
4.	Mohd Abdul Rahman, P. Ravi Chander, M. Prasad	Modelling and Analysis of Piston using Various Piston Crown Geometries	International Journal of Innovative Technology and Exploring Engineering	2278-3075	10.35940/ijitee.E2751.039520
5.	Mohammed Asadullah	Optimization Of Coating Thickness For Various Properties Of Composite Type Thermal Barrier Coated With Inconel 718 Alloy	HTMP	1093-3611	-
6.	Syed Mustafa Rahmani, Md. Fakhruddin H.N., Syed Yasear and Md. Asadullah	Efficiency increase by surface modification of gas turbine blade	Global Journal of Engineering and Technology Advances	2582-5003	-

7.	Dr.P.Prabhuraj	Stir zone stress corrosion cracking behaviour of friction stir welded AA7075-T651 aluminium alloy joints	De Gruyter	2191-0316	-
8.	Dr.P.Prabhuraj	Electro chemical response of stir zone in friction stir welded AA7075-T651 joint in sodium chloride solution	Materials Today: Proceedings Volume 22, Part 3, 2020, Pages 546-550	2214-7853	10.1016/j.matpr.2019.08.193
9.	Dr.P.Prabhuraj	Experimental investigation on corrosion behaviour of friction stir welded AA7075-T651 aluminium alloy under 3.5% wtNaCl environment	Materials Today: Proceedings	2214-7853	10.1016/j.matpr.2020.08.422
10.	Faisal Ahmed, Kamal Kumar Ojha, Syed Ahmed Hashmi	Finite Elemental Analysis of Bullet Impact on Bulk Metallic Glasses at 300 m/s	The Mattingley Publishing Co., Inc.	0193-4120	-
11.	Syed Ahmed Hashmi, Kamal Kumar Ojha, Mohd Faisal Ahmed	A Comparison of Finite elemental analysis of Customized Pedicle Screw Implant using Bulk Metallic Glass composition	International Journal of Advanced Science and Technology	2005-4238	-
12.	K. N. Kiran Kumar, A. Raja sekhar , P. Ravi Chander, Y MM. Reddy, Vivekananda K	Design Evaluation & Improvement Analysis of Vehicle Structural Crashworthiness using CAE in IIHS Frontal Crash Test	International Journal of Engineering and Advanced Technology	2249 – 8958	10.35940/ijeat.F8597.109119
13.	P. N. E. Naveen, R. V. Prasad and D. Rajendra	Experimental Testing and Evaluation of Coconut Coir/Rice Husk Fiber Reinforced with Polymer Composites	Recent Advances in Material Sciences - Springer Nature Singapore Pte Ltd.	,	10.1007/978-981-13-7643-6_17

Faculty In-charge

HoD