

PRAGATI ENGINEERING COLLEGE,SURAMPALEM(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING

Publications in the academic Year 2018-19

S.No	Name of the faculty	Title of the Paper	Month and year	Name of the Journal	ISSN Number
1	Dr.S.Sambhu Prasad	A numerical study on thermal behavior of cylindrical shell made with functionally graded materials	June 2018	IJTIMES	2455-2585
	Mr. G.Avinash				
2	DrS.Sambhu Prasad	Effect of equal channel angular pressing on the mechanical properties of al 4032–sio2 Nano composite material	June 2018	IJTIMES	2455-2585
	Mr.G.Avinash				
3	Mrs.Ch.Vasanthalakshmi	Design of multi contact–aided cellular compliant mechanisms for stress relief	June 2018	IJTIMES	2455-2585
	Mr.D.J.Johnson				
	Mrs.K.Aravinda				
4	DrS.Sambhu Prasad	Simulation Analysis on Femur Bone Along with Fracture Fixation Plate	June 2018	IJTIMES	2455-2585
	Mrs.B.Anusha Srikanta				
5	Mr.S.Srikanth	Design optimization of aerodynamic drag at the rear of generic passenger car	June 2018	IJTIMES	2455-2586
	Mr.G.V.N.Santhosh				
6	Dr.S. Sambhu Prasad	Experimental Studies on Mechanical Properties of Polymer Based Composites	October 2018	I managers journal of mechanical engg.	2249-0744
	Dr.G. Satish				
7	Mr.D.J.Johnson	Shake Table Experiment on Reactor Vessel	January 2019	IJESI	2319 – 6734
	Mrs.B.Anusha Srikanta				
	Mr.S.Srikanth				
8	Mr.P.Srinivasarao	Design and analysis of vortex generators for reducing drag force in automobiles by using CFD	May 2019	IJSDR	2455-2631
9	Dr.G.Satish	Flow behavior on elbow with various geometrics of nozzles	May 2019	I Managers journal on mechanical engineers	2249-0744
10	Mr.G.Avinash	Optimization of the Francis Turbine to Get the Better Performance and To Decrease the Vibrational Effects in the Loading Conditions	May 2019	European Journal of Business & Social Sciences	2235-767X
	Ms.M.Amrutha				
	Mr.M.Sunilraj				

PRAGATI ENGINEERING COLLEGE,SURAMPALEM(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING

11	Mr.M.Rambabu	Material optimisation of automobile master cylinder	May 2019	IJTIMES	2455-2585
----	--------------	---	----------	---------	-----------

Number of quality publications in Conferences for Academic Year (2018 –2019)

S.No	Date	Name of the Authors	Title of the paper	Details of the conference
1	15-06-18 To 16-06-18	Dr.P.KumarBabu Mr.S.Jayakishore, Mr.K.Sivakumar, Mr.K.Rajasekhar,	Experimental Investigation of Precision Machining of Multiple holes by WEDM on Aluminium 6061 by Genetic Algorithm	Lendi Institute of Technology
2	03-01-19 To 04-01-19	Ms.D.Mahalakshmi Mr.A.V.Ramanarao Mr.A.PhaniBhaskar	Optimization and evaluation of Sandwich structure by considering the shape effect of grid stiffened core under static loading condition.	ICRAMMES-2019 Siddhardha Engineering college, Vijayawada.
3	02-05-19 To 04-05-19	Dr.S.Sambhu Prasad Mr.M.Khirod Kumar Mr.Hareesh Mr.P.Vamsi Krishna	FEM Modeling of coated tools to study the influence of coating thickness	ICAMER 2019 NIT Warangal