

**PRAGATI ENGINEERING COLLEGE :: SURAMPALEM**  
**PAPERS PUBLISHED (MEC) - 2017-18**

S.NO	Name of the author/s	Title of paper	Name of journal	Year of publication	ISSN number
1	Ms. G. Lavanya Lakshmi Ms. M V Lakshmi Ms. K Deep Rani	DESIGN AND ANALYZE THE TEMPERATURE IN FINNED TUBE BY CONVECTION PROCESS USING THE TRANSIENT THERMAL ANALYSIS	IJMECE	Jan-18	2321-2152
2	Mr. Ch Ramprasad Mrs. T. Sri Devi Ms. Dulla Rukmini Ms. U.Chaitanya Vardhini	STRUCTURAL AND THERMAL ANALYSIS ON HONEY COMB STRUCTURE WITH DIFFERENT MATERIALS	IJMECE	Dec-17	2321-2152
3	Mr. A.V RamanaRao Mrs. K. Aravinda	Design and Analysis of Boeing 747 Aircraft Wing Rib Using Composite Materials	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	2018	2250-2459
4	Mr. P. Sukumar Mr. S. Srikanth Mr. G.V.N. Santhosh	Modelling and Strength Analysis of Diaphragm Accumulator	International Journal of Emerging Technology and Advanced Engineering (IJETAE)	2018	2250-2459
5	Dr. S. Sambhu Prasad Mr. G. Avinash	Synthesis and characterization of aluminum (4032) metal and nano sio <sub>2</sub> composites for evaluating their mechanical properties	International Journal of Technical Innovation in Modern Engineering & Science	2018	2455-2585
6	Dr. P. KumarBabu Mr. M. Sunil Raj	3d Modeling and Thermal Analysis of Electrical Transformer Cooling System	International Journal of Technical Innovation in Modern Engineering & Science	2018	2455-2585

7	Mr. A.V.RamanaRao Mr. G.Panduranga	Strength Analysis of Sandwich Panels by Considering the Shape Effect of Grid Stiffened Core	International Journal of Technical Innovation in Modern Engineering & Science	2018	2455-2585
8	Dr. S. Sambhu Prasad Mr. G. Avinash	Design and Experimental investigation of Tensile strength properties using different forms of layers for epoxy materials	International journal of research	2018	2348-6848
9	Dr. S. Sambhu Prasad Mr. G. Avinash	Investigation on effect of corrosion on mechanical properties of Al 6061 and Al 7075	International journal of research	2018	2348-6848
10	P. Kumar Babu Mr. S. Srikanth	Design and CFD Analysis of Different Pipe Joints Used in Water Supply Industries	IJEERT	2017	2349-4409

<b>Year of publication</b>
Jan-18
Dec-17
2018
2018
2018
2018

2018
2018
2018
2017