



**NARSIMHA REDDY ENGINEERING COLLEGE**  
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**DEPARTMENT OF MECHANICAL ENGINEERING**

**FACULTY PUBLICATIONS 2017-18**

S.No	Name of the Faculty	Designation	Title of the Paper	Publication Details	National/International
1	Dr.P.RAGHAVULU & Mr. GOLLA SATHISH KUMAR	PROFESSOR	PERFORMANCE ANALYSIS OF TWO STROKE PETROL ENGINE ON THE BASIS OF VARIATION IN CARBURETOR MAIN-JET DIAMETER	IJSETR,ISSN 2319-8885,VOL.06,ISSUE.32 OCTOBER-2017	INTERNATIONAL
2	MR.P.PRAMOD KUMAR	ASSOCIATE PROFESSOR	AN ANALYTICAL STUDY OF BUCKLING BEHAVIOR OF NANOCOMPOSITE BEAMS	SAE INTERNATIONAL, 9th JULY 2018, 2018-28-0050	INTERNATIONAL
			AN ANALYTICAL STUDY OF BUCKLING BEHAVIOR OF CNT/POLYMER COMPOSITE PLATES USING FIRST ORDER SHEAR DEFORMATION THEORY	JTAM,VOL-55 NO 3 (2017) ISSN 1429-2955	INTERNATIONAL
			DESIGN AND CFD ANALYSIS OF HAIR PIN HEAT EXCHANGER BY USING DIFFERENT NANOFLUIDS	IJSETR,ISSN 2319-8885,VOL.06,ISSUE.31 OCTOBER-2017	INTERNATIONAL
3	Mr. GOLLA SATHISH KUMAR	ASSOCIATE PROFESSOR	FLUID ,THERMAL AND STATIC ANALYSIS OF RADIAL FLOW MICRO GAS TURBINE USING CFD	IJMINDS,ISSN-2349-2082,VOL-4,ISSUE-11,IMPACT FACTOR - 0.726,PAGE NO-61-67,NOV-2017,	INTERNATIONAL
			DESIGN OPTIMIZATION OF THERMAL SLEEVES FOR DESUPERHEATING APPLICATIONS	IJMINDS,ISSN-2349-2082,VOL-4,ISSUE-10,IMPACT FACTOR - 0.726,PAGE NO-52-60,OCTOBER-2017,	INTERNATIONAL
			THERMAL ANALYSIS AND OPTIMIZATION OF I.C. ENGINE PISTON USING FINITE ELEMENT ANALYSIS	IJSETR,ISSN 2319-8885,VOL.06,ISSUE.31 ,PAGE-6303-6307, OCTOBER-2017	INTERNATIONAL
4	MR. AVINASH PACHORI	ASSISTANT PROFESSOR	INVESTIGATION OF VEHICLE REAR UNDER RUN PROTECTION DEVICE (RUPD) USING ALUMINIUM FOAM	INTERNATIONAL CONFERENCE SERIES MATERIAL SCIENCE AND ENGINEERING ISSN-1757-899X,225012289 ICMAEM-2017	INTERNATIONAL
5	Mr. SHARAN KUMAR	ASSISTANT PROFESSOR	ENHANCING THE HEAT TRANSFER FOR MULTICYLINDER ENGINES	IJMETMR,ISSN 2348-4845,VOL-4,ISSUE-11,NOV-2017,PAGE NO-30-35	INTERNATIONAL
			PERFORMANCE OF ENGINE BLOCK BY VARYING COOLING FLUIDS	IJMETMR,ISSN 2348-4845,VOL-4,ISSUE-11,NOV-2017,PAGE NO-30-35	INTERNATIONAL
6	Mr. SHARAN KUMAR D & Mrs. T ANURADHA	ASSISTANT PROFESSOR	PERFORMANCE TEST ON SINGLE CYLINDER CI-ENGINE WASTE PLASTIC FUEL BLEND WITH DIESEL FUEL	IJESI, ISSN 2319-6726,VOL-7,ISSUE-5,JOURNAL NUMBER 43302,2018	INTERNATIONAL
7	Mr. S RAJESH	ASSISTANT PROFESSOR	THERMAL ANALYSIS OF COMBUSTION OUTER CASE FORTURBO ENGINE	IJMETMR,ISSN 2348-4845,VOL-4,ISSUE-11,PAGE 21-29,NOV-2017	INTERNATIONAL

8	Mr P. NAVEEN KUMAR Mr. PAVAN KUMAR Mr. S RAJESH	ASSISTANT PROFESSOR	PRODUCTION OF BIO FUEL COMPOUNDS FROM WASTE PLASTICS BY USING CATALYTIC PYROLYSIS PROCESS	IRJET,ISSN-2395- 0056,VOL 5 ,ISSUE5,5th MAY 2018	INTERNATIONAL
9	Mr.CHINNA MOHAMMAD BASHA	ASSISTANT PROFESSOR	FABRICATION & INVESTIGATION ON MECHANICAL PROPERTIES OF ALUMINIUM HYBRIDCOMPOSITE	AAS,ISSN-2313-626X,20	INTERNATIONAL
			DESIGN &ANALYSIS OF COMPOSITE LEAF SPRING FOR JEEP MILITARY	IJMET,ISSN-0976- 6340 VOL-8,ISSUE- 4,PP.47-58,APRIL- 2017	INTERNATIONAL
			AUTOMATIC FIRE SPRINKLER BY USING NITINOL WIRE	IJIRAS,ISSN-2394- 4404,ISSUE-2,VOL- 4,PP-41-44,FEB-2017	INTERNATIONAL
			DESIGN & ANALYSIS OF SHOCK ABSORBER	IRJET,ISSN- 23950056,VOL- 04,ISSUE-01,PP-708- 714,IMPACT FACTOR-5.181,JAN- 2017	INTERNATIONAL
			INFLUENCE OF TITANIUM CARBIDE & RICE HUSK ASH AS REINFORCEMENT IN ALUMINIUM ALLOY MATRIX	JARDCS,ISSN-1943- 023X,ISSUE-6,PP-1504- 1517,2017	INTERNATIONAL
10	Mr. SHARAN KUMAR D Mr. GOLLA SATHISH KUMAR	ASSISTANT PROFESSOR &ASSOCIATE PROFESSOR	DESIGN AND THERMAL ANALYSIS OF ENGINE CYLINDER FIN THROUGH VARIOUS FIN FABRICS	IJMETMR,ISSN 2348- 4845,VOL-4,ISSUE- 11,PAGE 36-42,NOV- 2017	INTERNATIONAL