



LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NBA, New Delhi & Certified by ISO 9001-2015

DEPARTMENT OF MECHANICAL ENGINEERING

Journal Publications for the A.Y. 2015-16					
S.No	Title of the paper	Name of the author/s	Name of journal	Year of publication	ISBN/ISSN number
1	Simulation & Optimization of Thermal Power Plant Cycles	P.Ravindra Kumar, V.Ramachandra Raju, N.Ravi Kumar	Perspectives in Science, ELSEVEIR PUBLICATIONS	April 2016	2213-0209
2	Tensile and Flexural Strength of OKRA Fiber Reinforced Polymer Composites	Dr.S.Pichi Reddy, A. Chennakesava Reddy	International Journal of Engineering and Management Research	January-February 2016	2394-6962
3	Aerodynamic Studies on automobile structures	V Dhana Raju, P.Ravindra kumar, A Naga Pavan Kumar	International Organization of Scientific Research (Community of Researchers) IOSR Journal of Mechanical and Civil Engineering	September – October -2015	e-ISSN: 2278-1684 p-ISSN: 2320-334X
4	Simulation of a PCM based roof structure for thermal comfort in buildings using COMSOL software	Dr. P. Vijay Kumar, V. Dhanaraju, A.Madhuri	International Journal Of Core Engineering & Management (IJCEM)	August 2015	2348-9510
5	Experimental investigation on diesel engine using mahua ethyl esters	Dr.K.Appa rao, Dr.K.Dilip kumar, Ch.Naveen Kumar	International Journal for Research in Science and Engineering Technology	August 2015	2394-739X
6	Performance and Emission Analysis of a Four	Dr. K .Appa Rao, G. V. Prudhvi Dilip	International Journal of Engineering	July 2015	2278-0181



LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NBA, New Delhi & Certified by ISO 9001-2015

DEPARTMENT OF MECHANICAL ENGINEERING

	Stroke Diesel Engine Fueled with Hibiscus Oil Ethyl Ester		Research & Technology (IJERT)		
7	Experimental Investigation Of Sesame Oil Ethyl Esters On 4-Stroke Single Cylinder Water Cooled Diesel Engine Added With Iso-Butanol	V.Dhanaraju, Dr.P.Vijay Kumar K.Divyanka, Dr.P.Srinivas Kishore	International Research Journal of Engineering and Technology (IRJET)	July 2015	e-ISSN: 2395-0056 ISSN: 2395-0072
8	Thermodynamic Analysis of Triple Pressure Heat Recovery Steam Generator	P. Ravindra Kumar, Vinjamuri Narasimharao	IJIRST –International Journal for Innovative Research in Science & Technology	August 2015	2349-6010
9	Evaluation of Performance and Emission Characteristics of Flax Oil Ethyl Ester with Ignition Improver on Diesel Engine and Comparison With Jatropa	Dr.P.Vijaya Kumar, Dr.K.Dilip Kumar, P.Bhagyasri	International Journal of Mechanics and Thermodynamics	August 2015	2278-361X
10	Thermodynamic Analysis on Gas Turbine Unit	Dr.K.Dilip Kumar, Dr.P.Vijaya Kumar, R.Ram Babu	International Journal for Innovative Research in science and Technology	July 2015	ISSN (online): 2349-6010
11	Performance & Emissions Characteristics of a Four Stroke Diesel Engine Fuelled With Different Blends of Ankola Oil with Diesel	Dr. K. Appa Rao, S. Krishnaveni	International Journal of Scientific Engineering and Research	September 2015	ISSN (Online): 2347-3878
12	Performance Enhancement of an Automotive Radiator Using Ethylene Glycol and Al ₂ O ₃ Nanofluid as a Coolant	Dr. P. Vijaya Kumar, K. Sirisha	International Journal of Science and Research	September 2015	ISSN (Online): 2319-7064



LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NBA, New Delhi & Certified by ISO 9001-2015

DEPARTMENT OF MECHANICAL ENGINEERING

13	Aerodynamic Studies of non – Circular High – rise buildings	V Dhana Raju, P P.Ravindra Kumar, Y N V M Sandeep Kumar	IOSR Journal of Mechanical and Civil Engineering	September - October 2015	e-ISSN: 2278-1684,p-ISSN: 2320-334X
14	Performance and emission analysis of CI engine using Pongamia oil ethyl esters	A.V. Krishna Reddy, B.Gopala Rao	International Journal of Science and Research Technology	July-August 2015	2395-1052 (online)
15	Simulation and CFD Analysis of Heat Pipe with Different Wick Geometry using CFX	Dr.P.Vijay Kumar, Dr. K. Dilip Kumar, Ch.Naveen Kumar	International Journal of Thermal Technologies	September 2015	e-ISSN 2277 – 4114
16	Performance and Emissions Analysis of Kusum Oil Methyl Esters with Air Pre Heating on C.I Engine	A.V.Krishna Reddy, N.Bhargavi	International Journal of Science and Research Technology	August 2015	2395-1052 (online)
17	Effect of Epoxy modifiers (Bagasse fiber/ Baggsse ash/ Coal power / Coal Fly ash) on mechanical properties of Epoxy / Glass fiber hybrid composites	V.Sridhar Reddy, Raffi Mohammed, Dr.B.Ram Gopal Reddy, Dr.Md Abid Ali	International journal of Applied Engineering Research	August 2015	0973- 4562