



**DEPARTMENT OF MECHANICAL ENGINEERING**

**ACADEMIC YEAR 2015-2016**

<b>Author Name</b>	<b>Title of the paper</b>	<b>Name of the Conference</b>	<b>National/ International</b>	<b>Venue</b>	<b>Year</b>
S.Boopathi,Anbu Sivan. M, Tamilarasan. S, Jules Antony. S, Nagaraja Kumar.P	Parked automotive cabin temperature reducer	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
S.Boopathi,J. Jasper Sharon Ferdinand, N.Kamalesh Babu G.Aadith Natraj	GPS Aided Transmission System	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
J.Mohammedharees, A.Prithiviraj, M.Ramasamy, A.Rejoy Paul, R.Dervanathan,T. Ve nkatamuni	Study the effect of shallow cryogenic treatment on the Surface roughness of AA6061 using milling operation	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
Deepak Melwani J, N Baskar Sedupathi, Dr. T. Venkatamuni	EFFECTIVE TAKE OFF AND LANDING OF AN AIRCRAFT USING MAGLEV	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
P. Vijayasarathy , S.Gopinath, S.Vigneshwar , B. Karthick N.V.Hariharan	Microstructure and Wear Analysis of Different Coatings by Physical Vapour Deposition Method	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16

Aishwarya S, Arvinth RA Mithunkumar R Santhosh K Sugumar D	Design And Optimization Of Sea Shore Cleaner	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
M. Jagadish, R. Parthasarathy , K. Dinakaran , T. Raja and J. Ravikumar	A Review on Laser in Advanced Material Processing and Manufacturing	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
V.Anish, R.Niranjankumar J.Ravikumar and T.Venkatamuni	Simultaneous Optimisation of Smoke and NOx emissions in a Stationery Diesel Engine Fuelled with Diesel-Oxygenate Blends using Grey Relational Analysis in Taguchi Method	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
Lokesh.C, Balaji.P, Maria Melky.S, Arun Kumar.P and D.Yuvarajan.	Oxygen Powered Membrane Less Fuel Cell Using Hydrogen Peroxide As Fuel	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
DR. T. VENKATAMUNI, MR. ARUN S ,MR. KANNAN S	Tribological Behaviour Of Metal Matrix Composite Aluminum Alloy 6351	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
MR. ARUN S ,MR. KANNAN S	Optimization Of Process Parameter In Abrasive Water Jet Machining Of En24	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
MR. ARUN S ,MR. KANNAN S	Characterization And Corrosion Studies Of Different Coating By Using Polarization Test	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
MR. ARUN S ,MR. KANNAN S	Investigation Of Mechanical And Metrallurgical Properties Of Metal-Matrix Composites Of Aluminium Alloy	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16

MR. ARUN S ,MR. KANNAN S	Analysing The Process Parameters Of Friction Stir Welding On Dissimilar Aluminium Alloys	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
MR. ARUN S ,MR. KANNAN S ,Mr.D.ARUNKUMAR	Mechanical And Metallurgical Studies On Dissimilar Weld Joints	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
MR. ARUN S ,MR. KANNAN S ,Mr.D.ARUNKUMAR	Power Generation Analysis Using Turbo Ventilator System	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
MR. ARUN S ,MR. KANNAN S ,Mr.D.ARUNKUMAR	Productivity Increase In Curing Process Of Brake Lining	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
Dr.S. Boopathi, MR.J.RAVIKUMAR	Simultaneous optimization of Smoke and NOx emissions in a stationary diesel engine fuelled with diesel-oxygenate blends using Grey relational analysis in Taguchi method	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
BR.S. Boopathi, MR.J.RAVIKUMAR ,Mr.D.Christopher selvam	Performance and emission analysis of a CI engine fuelled with preheated cotton seed oil and blends with diesel	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
Dr.S. Boopathi, MR.J.RAVIKUMAR ,Mr.D.Christopher selvam	Emission impact of octanol on Pongamia biodiesel propelled diesel engine	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16

Dr.Rajeshkumar,Mr. J.Ravikumar,Mr.S.B oopathi Dr.T.Vengata Muni	COMBUSTION PERFORMANCE AND EMISSION CHARACTERISTICS OF A DIESEL ENGINE FUELLED WITH SOYBEAN BIODIESEL	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
Dr.Rajeshkumar,Mr. J.Ravikumar,Mr.S.B oopathi	PERFORMANCE COMBUSTION AND EMISSION CHARACTERISTICS OF DIESEL ENGINE FUELED WITH PAPAYA SEED BIO-DIESEL	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
Dr.Rajeshkumar,Mr. J.Ravikumar,Mr.S.B oopathi	MULTIRESPONSE OPTIMIZATION OF ENGINE PARAMETERS FOR LOW EMISSIONS AND HIGH PERFORMANCE IN A DI DIESEL ENGINE FUELED WITH DIESEL- OXYGENATE BLENDS	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
M.Tamizh Milton Kalai,Mrs.I. Sharon Marishka, MR.P.Vijayarathi	Structural and Mechanical Properties of Microwave Sintered Ceramic Composite	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
Ananthamula N Tejaswi,Mrs.I. Sharon Marishka, MR.P.Vijayarathi	ANALYSING EFFECT ON FORMING PROCESS IN ALUMINUM SHEET METALS	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
Mrs.I. Sharon Marishka, MR.P.Vijayarathi, Mr.S.A.Wilfred Rajkumar	Comparative Study of Air Flow Analysis of A Car Louvre	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical			
S.Gejendhiran,Yuva rajan D	Analyzing the Bio filtration swales and strips used in Bio filtration	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16

S.Gejendhiran, Yuva rajan D	Aerodynamic study of bumpers and rear wings	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
S.Vignesh, N. Balaji	Study and analysis of Industrial Robots	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
S.Vignesh, N. Balaji	Investigation of working of gas turbine	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
S.Vignesh, N. Balaji	Investigation on Telescopic gauges measurements	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
N.Mukilarasan,J.Ra vikumar	BIODIESEL SAFTY AND BEST MANAGEMENT PRACTICES	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16
N.Mukilarasan,J.Ra vikumar	DESIGN AND SIMULATION AUTOMOBILE ACTIVE SUSPENSION SYSTEM	National conference on Recent trends in Computer science, Information, Electronics,Electrical, Mechanical	National	Jeppiaar Institute of Technology	Mar-16