

**MIT 2012
Accepted Full Paper**

Paper ID	Paper Title	Author
7	Optimal Design of Magnetic Circuit for Improving the Performance of Small Capacity MR Fluid Damper	Md. Sadak Ali Khan, A.Suresh, N.Seetha Ramaiah
8	High-Viscous Dampers For Controlling Seismic Response of Piping Systems	B. Johnkutty, R. Verma, S. H. Kulkarni, G. R. Reddy
9	A novel three dimensional hydrodynamic focusing design in micro fluidics	Anthony Tony,Sivakumar Narayanswamy
501	Mathematical Modeling and Analysis of Absorption Refrigeration System Using Waste Heat of Diesel Genset	Yashvir Singh, Nishant Kumar Singh, Puneet Mangla
502	Simulation of the Mechanical Subsystem of an Air Brake towards its Diagnosis	Siddharth Murugan, S. Sudhakar, Shankar C. Subramanian
503	Network Coding Aware Routing using XOR operation to improve the performance of Underwater Sensor Networks	Mr.S.Balamurugan, S.Ganesh, V.Ananth, R.Vimalavel
504	Abrasive Wear Properties of Plasma Nitrided H11 Steel	S.G.Sapate, S.Chandel, A RathodR.K.Khatirkar
505	Optimization of an Air-Cooled Engine Fin Using CFD	Aravind.B, Suresh Kumar
506	CBN Wheel Life Improvement on MUG Grinding Machine	Manoj Kumar Pal, Rohit Singh
508	Assessment of Higher Order Theory for Laminated Composite Beams	Mohd. Furqan, Dr. M. Naushad Alam
509	Optimization Design Of Intake Manifold of 3-cylinder Diesel Engine using Steady state and Transient state Analysis(firing order:1-3-2)in Computational Fluid Dynamics	Shweta Thapa, M.Uma Revathi,Anju Kumari, Rohit Gupta, Preeti Purohit
510	Design of an Antenna Based Sensing Robot for Inspection and Imaging of Cracks in a Ventilation Duct	V.S.Rajashekhar , A.P.Arun ,R.Senthil
511	Motion Planning for Concertina and Lateral Undulation Motion Mechanism in a Snake Robot	V.S.Rajashekhar, R.Senthil

512	Mechanical Properties Analysis Of Copper Wire Drawn By Step Reduction	Mandeep Singh , C. S. Kalra , Rahul Mehra
514	Effect of the Thickness of Piezoelectric Layer on Hybrid Beams	Mohammad Sarim, Dr. M. Naushad Alam
515	Low Frequency Noise Control of Diesel Generator Sets using Helmholtz Resonators	S.R.Jagatap, S.H. Kulkarni, C.D.Shete, R.Kollam
516	Performance, Combustion, and Emission Characteristics of C.I. Engine Using Blends of Methyl Esters of Bio-Oil as Fuel	D. K. Ramesha, Prithvish M Gowda, Rajiv K. T., Manjunath N, Rajiv Simhasan
517	Nonlinear vibration of functionally graded cylindrical shells under radial Harmonic Load	A.A. Jafari, S.M.R. Khalili, M. Tavakolian
518	Dynamic analysis of cantilever beam using LabVIEW	MohdAtif Jamil, M. Naushad Alam,Najeeb-ur-Rahman
519	Performance Analysis of a Coal and Biomass Co-firing Power Plant Unit	Shoaib Mehmood, Bale V. Reddy,Marc A. Rosen

Accepted Short Paper

Paper ID	Paper Title	Author
2	Comparison of Artificial Neural Network and Response Surface Methodology in the Prediction of Springback and Bend force in Air Bending of Electrogalvanised Steel Sheets	D.Vasudevan, R.Srinivasan
3	Analysis Of Gear Box Using Finite Element Method	V.H.Bansode, M. S. Mali, Dr.K.R.Borole
6	Diaphragm Seal and Fill Fluid Selection Based on Process Fluid Nature and Temperature Limit	Animesh Metla
507	Effect of target surface's curvature in jet impingement cooling	M. Karthigairajan, Kaliappan, Dr.S.Mohana Murugan

Accepted Poster Paper

Paper ID	Paper Title	Author
513	A Brief Review On Natural Language Interface To Database (NLIDB)	Saravjeet Kaur ,Amit Bindal