

Accepted Full List -AME 2010

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6	Theoretical Formulation and Finite Element Analysis of the Conformal Cylindrical Contact	Nandish R.V, Sadananda Megeri, Gopinath M, S. Paul Vizhian, Rajeev Jain	F P
11	Balancing WIP and Throughput with Machine Utilization in a Manufacturing Facility	Ramesh V. Narang	F P
12	Analytical Modeling for Investigation of Preheating Temperature on Process Time in Friction Stir Welding	M. M. Jabbari Behnam, M. Mousavi	MP Reza
21	Effect of Arresters on Erosion in Economizer Zone and its Analysis	Deendayal Yadav, Dr. G. V. Parishwad, P. R. Dhamangaonkar, Dr. S. R. Kajale, Dr. M. R. Nandgaonkar, Dr. S. N. Sapali	F P
25	Design, Simulation, Fabrication and Analysis of a Gamma Configuration Stirling Engine Model	Samsuz Zaman, Palash Sharma. D. Khaiminhang and Romen Chowdhury	F P
30	optimal capacitor placement in distribution system using fuzzy techniques	Anwar S Siddiqui, Sheeraz Farrukh Rahman	Kirmani, Md.
32	Low Cost Weight Measurement Technique with Fuzzy Controlled Pneumatic Muscle	Pasidu M Pallawela	F P
37	Fault Detection in a Cantilever Beam using Finite Element Method and Genetic Controller	S. Sahu, D.R. Parhi	F P
45	Development of Product Configurator for a Pressure Booster System	Rajesh R. Sampathkumar	F P
53	Experimental and Numerical Assessment of Crash Behavior of Welded Thin Wall Rectangular Steel Sections	Veerasamy M, Raghu V. Prakash	F P
55	A Novel Method of Evaluating flow Curve for SS304 from Low	A.Kumaraswamy, B.Sridhar Babu	F P

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64	Designing of Offshore DNV container	Mihir Prakash Vaidya, Prof. P.M.Khanwalkar	F P
66	Development of a Hybrid Electric Three wheeler	K.Prabu, S.Krishnaraj	F P
509	Design And Implementation Of An Electronic Circuitry System For Robotic Arm For Die Casting Industry	Shilpa Sambhi, M.K. Muju	F P
530	Point-to-Point Motion Planning of Flexible Manipulators Using Finite Element Approach	M. Haghpanahi, M. Nazemizadeh, and S. Malek	F P
543	Investigations on the effect of rolling direction on the IMC formed during Friction Stir Welding of AA7075 alloys	J Kandasam, Govindaraju M,M Manzoor Hussain, S Rajesham	F P

Short Paper

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4	BPANN Based Performance Analysis of Diesel Engine Using Biodiesel	Sumita Deb Barma, Biplab Das, S. Majumder, P. K. Bose	S P, Asis Giri,
7	Grid Generation and Simulation Using CFD	Mr. Rajkumar B. Chadge, Ms. Pranita K. Nagrale, Ms. Deepali D. Thorat	S P
9	influence of microspheres on properties of al6061 composites	Prashanth T, Narasimha Murthy, C K Umesh	S P
10	Simulative study of cause-effect interdependencies in tool logistics	Anis Selaouti, Jens Knigge, Rouven Nickel	S P
15	Algorithm of decision-making aids To optimize the Scheduling of the tasks of maintenance in real time	Aissam Aboussalim, Mohamed Medioui	S P

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36	Analysis of the Contact Stresses on a Two Jaw Gripper with Grooved and Flat Pair of Gripping Surfaces/Areas	Oommen Thomas, Dr. Narayanan Namboothiri V.N.	S P
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513	An Investigation Of Clearwater Local Scour Around Vertical Piers	Padmini Khwairakpam, Rajib Das, Asis Mazumdar	S P
526	statistical modelling of surface roughness produced by wet turning using soluble oil-water mixture lubricant	I b abhang, m hameedullah	S P
531	Optimization of the Superfinishing Process Using Different Types of Stones	S.S. Chaudhari, Dr. G.K. Awari, S.S. Khedkar	S P
533	Design And Development of Electromechanical Juicer Mixer-Grinder	Shamshad Ali and Gurdeep Singh	S P
542	Design of Pedal Operated Machine for Injection Moulding	Shamshad Ali and Anis Ahmad Ansari	S P

Poster Paper

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5	Laser Micro-Machining	Mr. Rajkumar B. Chadge, Ms. Pranita K. Nagrale, Ms. Deepali D.	PP
13	Automatic Structural Optimization of Engine Components Using HCF and TMF Failure Analysis and Optimization Models	Dr.J.David Rathnaraj, Jims John Wessley2, Rajkumar S Rai3	PP
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20	diesel engine combustion simulation using cfd	R.Bhoobathi, Shaik Amjad, R. Rudramoorthy	PP

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58	prediction of strain in chip breaking using slip line field theory	Suresh.S, Dr .P. Venkataramaiah	PP
62	a study on the effect of an axisymmetric cavity in coaxial supersonic streams	Bibin jose, Prof.Samitha.Z.A	PP
503	A Study On Effective Use Of Nerium Oil As Alternative To Diesel	S.Prabhakar,V.N. Banugopan, K.Annamalai, S.Jayaraj, P.Sentilkumar	PP
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506	Service Innovation: Designing Rapid Services	Deepak A. Sachdev, Darius P.K. Singh	PP
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521	Prediction of Submerged Arc Welding Parameters based on Intelligent Systems	Aniruddha Ghosh, Somnath Chattopadhyaya	PP
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528	Evaluation of Dielectric Properties of Thespesia Lampas Fiber Reinforced Composites	D.K. Nageswara Rao, K. Raja Narendra Reddy V.Yashaswy · V.Nithin	PP
529	Studies on the Performance of Various Types of Fuel Cells	Ajai S, Gowtham P , Renju Thomas	PP
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