

ICMESCoE 2017
Technical Presentation Schedule
Track-1- Innovative Practices In Mechanical Engineering

Session chair – Dr. L. G. Navale
Coordinator- Prof. S. D. Wankhede (9823208022)
Room No.- 505 -A

Day 1, Thursday 29/06/2017

Time	Paper ID	Title of Paper
11:00 am to 01:30 pm	H-13	Numerical and thermal analysis of condensers applied to domestic refrigerator <i>N. D Shikalgar , S. N. Sapali</i>
	H-17	Experimental study of energy saving by using hot gas defrosts in refrigerator. <i>D. D. Dixit, R.R. Arakerimath, C.B. Meshram</i>
	D-04	Investigate the effect of geometric parameters of bellows in thermal environment – a Review <i>S. D. Wankhede, S. H. Gawande</i>
	D-05	Experimental & finite element analysis of worm wheel. <i>Umesh Gaikwad, Pawan Sonawane, Rahul Pawar</i>
	D-06	Numerical and experimental studies on stress analysis of customized implant. <i>S. L. Gavali, H.V. Wankudre, K. N. Vijayakumar</i>
	D-07	Experimental and finite element investigation of free vibration behaviour of car bonnet. <i>A. V. Karanjkar, Nilotpal Banerjee</i>
02:30 am to 05:00 pm	D-08	Crack analysis of fixed support fibre glass composite beam based on natural frequencies. <i>S. V. Gawali, V. S. Suryawanshi, P. A. Bojage</i>
	D-09	Analytical and experimental modal analysis of a spiral arm flexure bearing. <i>Haribhau Phakatkar, Mandar Lele, Anil Sahasrabudhe</i>
	D-10	Analysis of water hammer and its CFD simulation with experimental setup <i>V. J. Sonawane , A. A. Keste, Shivani Jadhav, Shriya Warade, , Anup Achalere, Sandeep Chavan</i>
	D-11	Optimization of CI engine vibration characteristics operated on jatropha methyl ester using taguchi and multiple regression analysis. <i>N. D. Gadhave, S. H. Gawande</i>
	D-12	Optimization of CNC Turning Process Parameters on D2 Material for the enhancement of Surface Roughness. <i>Palak Gandhi, Javed Shaikh , Prashant Jadhao , Jigar Shah, A. A. Patil ,V. N. Chougule</i>
	D-13	Fatigue life prediction of steering axle for heavy duty truck under variable amplitude loading. <i>A .B. Shah, S .P. Gurav, S. G. Joshi</i>
	D-35	Vibration regulation of an electromechanical model with time-dependent magnetic field <i>Usama H. Hegazy</i>

Session chair – Dr. N.K. Sane
 Coordinator- Prof. V.J. Sonawane (8806664800)
 Room No.-510
Day 1, Thursday 29/06/2017

Time	Paper ID	Title of Paper
11:00 am to 01:30 pm	H-18	Design and simulation of condensing heat exchanger. <i>R. S. Jha, V. K. Haribhakta, A. S. Kolte, S. N. Shekhadar, S. S. Tengale, S. M. Tare.</i>
	H-19	Experimental method to find the flux and temperature distribution on the receiver of small central receiver system. <i>P. M. Gadhe , A. G. Ghoti , S. N. Sapali, G. N. Kulkarni</i>
	H-20	Experimental performance analysis of refrigerant R290 for water cooler application. <i>C. S. Choudhari, S. N. Sapali.</i>
	H-15	Experimental investigation, performance and emission characteristics of neem and palm bio-diesel blend on diesel engine. <i>P. U. Gaikwad, K. N. Balan, B. R. Ramesh Babu</i>
	H-16	Performance evaluation of passive solar water distillation system with separate surface condenser and vacuum pump. <i>A. A. Patil, T. G. Patil, A. Y. Chaudhari</i>
	D-20	Study of effect of tool vibration on the surface roughness in facing operation of pmma material <i>K.A. Mahajan, P.K.Brhamankar, R. Balasubramaniam, M.R. Dhakad</i>
	D-26	Optimization of process parameters to study the influence of the friction in tube hydroforming. <i>S. P. Rudraksha , S. H. Gawande</i>
	D-29	Tribological behaviour of functionally graded aluminium metal matrix composites: a review. <i>D. K. Kokare, S. H. Gawande</i>
	P-01	Optimization of waste cooking oil biodiesel production process and fuel characterization <i>Pradeep Kale, Samson Yohannes, P. M. Kadam, S. L. Gadhave</i>

Session chair – Dr. A. D. Desai
Coordinator- Prof. A. R. Patil (9326273960)
Room No.-505-B
Day 1, Thursday 29/06/2017

Time	Paper ID	Title of Paper
11:00 am to 01:30 pm	H-01	R290 the most suitable and environment friendly refrigerant for water cooler applications. <i>S N Sapali , C. S. Choudhari</i>
	H-03	A comparative study of heat transfer enhancement by delta wing vortex generators & v shaped dimples using experimentation & CFD. <i>Ajinkya Satam, V. N. Raibhole</i>
	H-04	A review on solar photovoltaic mounting structures. <i>P. S. Acharya, M. M. Wagh</i>
	H-08	A review on commercial business models for solar photovoltaic power plant in india. <i>R.S. Gaikwad, M. M. Wagh</i>
	H-09	Origin of electric energy production of living plant. <i>A. V. Kardile, S. V. Gavali.</i>
	H-21	Experimental study on the effect of water injection in an internal combustion engine. <i>A.A. Iyer, I.P. Rane, K.S. Upasani, Y.P. Bhosale , S.H. Gawande</i>
02:30 am to 05:00 pm	H-22	Heat transfer augmentation in heat exchanger by passive techniques a review <i>V. S. Chandratre, A. A. Keste, N. K. Sane</i>
	D-23	Design and development of novel mechanism for prosthetic arm. <i>P. R. Sonawane, S. A. Walavalkar</i>
	D-24	Microhardness value evaluation of human femur bone using mimics. <i>A. A. Jadhav, S. N. Khan</i>
	D-27	Deflection stress response behavior of expansion Joint bellow subjected to linear and lateral displacement loading <i>N. D. Pagar, S. H. Gawande</i>
	D-34	Stiffness approach for high cycle fatigue mitigation by using topical thin foil shape memory alloy <i>Nicholas G. Garafolo</i>

Session chair – Dr. Srihari Notla
 Coordinator- Dr. A. Mitra. (9420320632)
 Room No.- 505-A
Day 2, Friday 30/06/2017

Time	Paper ID	Title of Paper
11:00 am to 01:30 pm	H-23	Selection of appropriate turbulence modelling in CFX for high pressure steam in throttling calorimeter vessel. <i>S. D. Salunkhe, N. K. Sane B. S. Gawali, Hrishikesh Kulkarni ,Shripad Kulkarni</i>
	H-24	Ejector design for refrigeration at lower temperature. <i>Neha Patil, N. K. Sane, P. Babu, M. Jayachandran</i>
	D-01	Experimental and finite element analysis of single dimple sheet stress analysis. <i>G. S. Waghmare, R. R. Arakarimath</i>
	D-02	Design development, performance evaluation & Amplitude analysis of compact drive self-locking. <i>P. S. Matade</i>
	D-03	Development of mathematical model for clutch control strategy in amt application. <i>N.R Junnarkar, V.N Raibhole, S.S. Ramdasi , R.V. Mulik</i>
	D-21	Analysis of digital X-Ray for 2D Registration of Image using MATLAB Image Processing tool. <i>S. L. Gavali, H. V. Vankudre, K. N. Vijayakumar</i>
	D-22	Design, manufacturing and FEM and experimental analysis of an I.C. engine crankshaft – a review <i>K. V. Karandikar , S. N. Khan</i>
	D-32	CFD analysis of performance of multi storey vertical axis wind turbine for different NACA blades. <i>Abhijeet Malge, P.M. Pawar</i>

Session chair – Dr. R. R. Arakerimath
 Coordinator- Prof. R. N. Yerrawar (9881467215)
 Room No.- 510
Day 2, Friday 30/06/2017

Time	Paper ID	Title of Paper
11:00 am to 01:30 pm	H-05	Feasibility of solar steam cooking for 500 students using scheffler dishes at institute canteen. <i>A. M. More , M. M. Wagh</i>
	H-06	Performance evaluation of a mist spray direct evaporative cooler. <i>A. M. Deshmukh, S. N. Sapali</i>
	H-07	Experimental study of passive augmentation technique for turbulent flow through circular pipe using rod inserts. <i>S. V. Mundhe, R.S.Bindu</i>
	D-14	Analysis of propeller shaft of a typical SUV under static and fatigue loading. <i>S. S. Patil, S. P. Gurav, S. G. Joshi</i>
	D-15	Vibrations in centrifugal pump due to dynamic loading. <i>Ravindra Birajdar, Pradeep Shinde, A. A. Keste</i>
	D-16	Design and analysis of performance type road legal muffler. <i>Akash Shinde, Jagruti Patil , Dipak Sonawane, N. K. Chougule</i>
	D-17	Ductile regime machining of germanium at varying depth of cut. <i>Rohit Sharma, Vinod Mishra, Neha Khatri, Harry Garg, Vinod Karar</i>
	D-30	Visual identification system for part family classification of industrial components. <i>N Chandra Sekhar, P Laxminarayana, Laxman Navale</i>
	D-31	Implementation of taguchi method for parametric optimization of springback in cold drawing of seamless tubes. <i>D. B. Karanjule, S. S. Bhamare, T. H. Rao, A. C. Mitra</i>

Session chair – Prof. Dr. S.N. Sapali
 Coordinator- Prof. V.J. Sonawane (8806664800)
 Room No.- 505-B
Day 2, Friday 30/06/2017

Time	Paper ID	Title of Paper
11:00 am to 01:30 pm	H-02	Thermo-hydraulic performance of solar air heater with artificial roughness on absorber plate – review <i>D. B. Nalawade, A. A. Keste.</i>
	P-02	Formulation of mathematical model for investigation of effect of air induction pressure as an operating variable on a stationary compression ignition engine performance. <i>D. C. Talele, D. S. Deshmukh, P. P. Boranare, A. A. Patil</i>
	P-03	Effect of Different Diameters of Plunger on Wall impingement and NOx emission of a Biodiesel (B20) Fuelled Compression Ignition Engine <i>Sachin Nakhate , Subhash Lahane</i>
	H-11	Diesel engine exhausts emission control using eco-friendly materials. <i>Vishwajit Patil, L. G. Navale , M. I. Talib.</i>
	H-12	CFD analysis of direct type solar dryer. <i>Dipak Sonawane, N. K. Chougule, Akash Shinde, Jagruti Patil</i>
	H-14	Comparison of net meter policy of Maharashtra with other states in india for solar pv power plant. <i>A. M. Khuntale, M. M. Wagh</i>
	D-25	Torsion value evaluation of human humerus bone using mimics. <i>S. V. Dhumne, S. N. Khan</i>
	D-28	CI engine performance optimization operated on jatropha methyl ester using taguchi and multiple regression analysis for various loads. <i>N. D. Gadhave, S. H. Gawande</i>
	D-33	Design enhancement of air injector nozzle to increase air turbulence for complete combustion <i>Prem Nikumbh, Alviz Panjwani, S. R. Kandharkar</i>
P-04	Optimization of Laser Welding Parameters For Butt Welded Dissimilar Metal Copper and Stainless Steel. <i>S.P. Gadewar, M P Khond, R.S. Chopde</i>	

ICMESCoE 2017
Technical presentation schedule
Track-2- Recent Developments In Computer Engineering

Session chair – Dr. A.S Ghotkar
Coordinator- Prof. Mrs. S. P. Deore & Prof. Mrs. S. S. Raskar
Room No.- 514

Day 1, Thursday 29/06/2017

Time	Paper ID	Title of Paper
11:00 am to 01:30 pm	CE-14	A survey on evolution in information security <i>Amit Vitekar , Prabhakar Kota</i>
	CE-19	An efficient congestion control by fair bandwidth allocation scheme using aqm and htc protocol <i>A. R. Suryawanshi, Shilpa Khedkar, R. Aroul canessane</i>
	CE-24	Computational offloading in android devices using cloud computing capabilities <i>N. L Chourasiya , T. P. Singh</i>
	CE-27	Big data analytical framework using gis concept for remote sensing technique <i>N. P. Nemade, S. K.Wagh, Anand Paul</i>
	CE-28	A survey paper on large-scale data processing with de-duplication on cloud <i>J. R. Waykole , P. A. Chordiya</i>
02:30 am to 05:00 pm	CE-29	Secure cloud based storage system with de-duplication and compression <i>S. B. Gajare, R. A.Khan</i>
	CE-33	SyntcRec: a syntactic recommender system based on improved feature selection technique in large scholarly data <i>Deepa Mandave, Govind Pole</i>
	CE-36	Efficient processing of job by enhancing hadoop mapreduce framework using containers <i>S. V. Chaudhari, R. M. Wahul</i>
	CE-39	An efficient approach of extracting frequent itemsets from large data using hdfs framework <i>P. G. Kulkarni , S. R. Khonde</i>
	CE-40	Feature extracting from video encoded for searching using improved methods <i>S. B. Sayed , N. F. Shaikh</i>
CE-43	Hindi CV structure formation rules for improving naturalness of syllable based TTS <i>R. A. Khan, J. S. Chitode</i>	

ICMESCoE 2017**Technical presentation schedule****Track-3- Horizon In Electrical Electronic & Telecommunications System**

Session chair –Dr.D.G.Bhalke
 Coordinator- Dr.K.S.Tiwari (9923431230)
 Room No.-509

Day 1, Thursday 29/06/2017

Time	Paper ID	Title of Paper
11:00 am to 01:30 pm	ETC-03	Anti-aliasing image improvement techniques to enhance detection of abnormalities in medical images <i>P. R Rajarapollu , V. R. Mankar</i>
	ETC-05	Railroad track maintenance device <i>C. S. Sharma, P. N. Kota, Aditya Pal, Amit Vitekar</i>
	ETC-06	Resolution Enhancement on Multi frame and Quality Assessment Strategy <i>V. G. Khatpe, S. K. Shah</i>
	ETC-09	Elevator control system based on IOT <i>Akshay Sakhare, Pranoti Mane</i>
	ETC-10	Image resolution enhancements of satellite images using dyadic integer coefficient wavelet filter for wavelet transform. <i>P B Chopade , V.V.Jagtap, P M Patil</i>
	ETC-11	Vein pattern decomposition (VPD) method: a novel approach to build practical palm vein based person authentication system <i>Rajesh Bodade , Major Saurabh Dixit</i>
02:30 am to 05:00 pm	ETC-12	Medical image denoising using gaussian filter and wavelet transform <i>Madhuri Pawar,Deepali Sale</i>
	ETC-13	Image analysis with different super resolution techniques: a review <i>Bharti Patil, Pallavi Kulkarni, V. S. Inamdar</i>
	ETC-14	Cognitive radio network resources management using cloud computing <i>Harpal Singh Grewal, Nabegha Masood</i>
	ETC-15	Heart rate measurement from face and wrist video <i>M. P. Dale, Pallavi Pansare</i>
	ETC-19	Improved partial fingerprint recognition by integration of minutiae based and parallel division methods <i>K. S. Tiwari, Hrishikesh Manoli</i>
	ETC-20	Facial expression recognition system using neural network based on LBP features <i>Parnal Dudul , S. M. Tayade, Ajay Talele</i>
	ETC-21	Analysis of detection methods for space frequency block code MIMO-OFDM System in FAST FADING CHANNELS <i>P.N. Kota, A. N. Gaikwad</i>