

AET - 2011 Complete Program Schedule

Registration-8.00AM—9.00AM
Inaugural Ceremony-9.00AM—9.20AM

ACEEE Message by Dr. Janahanlal Stephen -9.20 AM—09.45 AM
Key Note by Dr. Tanmoy Maity "Boosting Power Inverter- Z-Source And Hybrid Types"
09:45AM—10.35AM

Photo Session-10.35AM—10.45AM
Tea Break-10.45AM—11.00AM

Date: 20-Dec-2011		Hall 1	Session 1	Time: 11.00AM – 1.00 PM
Chair 1: Dr. Janahanlal Stephen (<i>Ilahia College of Engg & Tech, India</i>)			Chair 2: Dr. Vinu V DAS (<i>General Co-Chair, AET 2011</i>)	
Paper ID	Title		Registered Author	
AET_ACE_23 F	Ultra-Thin Whitetopping in India: State-of-Practice		D. R. Jundhare	
AET_ACE_22 S	Estimation of IRI from PCI in Construction Work zones		R. Vidya	
AET_ACE_25 S	Design and optimization of a GFRP structural panel for building construction		Guglielmo Carra	
AET_ACE_28 S	Community Initiatives for Solid Waste Management at Ward Level: A Case of Kumbarakoppal, Mysore, INDIA		B. Shankar	
AET_ACE_33 S	Feasibility of copper slag-fly ash mix as a road construction material		Satyajit Patel	
AET_ACE_37 S	Simulating Performance Impacts of Bus Priority Measures		Shubham Jain	
AET_ACE_508 S	Performance Analysis of Continuous Flow Intersection In Mixed Traffic Condition		Shikhar Daydar	
AET_ACE_12 P	Conceptual Model of Integrated Geographical Information System for Bangalore		M. Raghunath	
AET_ACE_14 P	Inclusive Urban Planning: Challenges and Strategies of Karnataka State		B. Shankar	
AET_ACE_21 P	Investigations on Suitability of Adopting Mid Point Gradation in Design of Bituminous Mixes		Mohamed Ilyas Anjum	
AET_ACE_24 P	Current State of Construction Safety Planning Practices		Satish Kumar	
AET_ACE_29 P	Planning for Conservation of Heritage Areas in Old Goa: Issues and Strategies		Shaikh Ali Ahmed	
AET_ACE_506 P	Study of Various Design Methods for Cold – Formed Light Gauge Steel Hollow Closed Sections for Tensile Strength		Vhatkar Sudarshan Ramchandra	

Date: 20-Dec-2011		Hall 2	Session 2	Time: 11.00AM – 1.00 PM
Chair 1: Dr. Yogesh Chaba (<i>Guru Jambheshwar University of Science & Technology, Hisar, India</i>)			Chair 2: Dr. Tanmoy Maity (<i>Indian School of Mines, Jharkhand</i>)	
Paper ID	Title		Registered Author	
AET_AME_47 S	An Experimental Investigation into the		Sanjay Kumar Soni	

	Grindability Aspects of Newly Developed Ceramic Composite (AlSiTi)	
AET_AME_50 S	Vibration Analysis of Trusses with Composite Element Method	E. joseph
AET_AME_54 S	Virtual Reality in Concept Design	Harish Pungotra l
AET_AME_55 S	Parametric studies of an automotive air conditioning system	Chunendra Kumar Sahu
AET_AME_60 S	Investigations On Wear By Slurry Abrasion Of Hardfaced Low Alloy Steel	Jagdish Raut
AET_AME_61 S	Microstructure and Abrasive Wear Properties of Chrome Alloy Steel	Avishkar Rathod Amarjit Singh
AET_AME_512 S	Vibrational Analysis of Cracked Rod having Circumferencial Crack	Priyank Shrivastava
AET_AME_514 S	Intelligent Automation of Decision Making in a Vertical Machining Centre Using an Open Architecture Controller	Jyothirmai Srinathu
AET_AME_11 P	Comparative study of thermal stress distributions in fins operating at high temperature for different profiles and materials.	SM Murigendrappa
AET_AME_31 P	Performance evaluation and emission characteristics of different vegetable oils on a single cylinder Agricultural diesel engine	Mallinath C. Navindgi
AET_AME_38 P	Expermental results of chlorofluoro carbon (ccl4f4) in plasma coated tubes in compact tube bundles	Soma Dalbehera
AET_AME_52 P	Study of journal bearing to find out the failure during start up	Majji santhi kumar

Lunch Break 1.00 PM – 2.00 PM

Date: 20-Dec-2011		Hall 1	Session 7	Time: 2.00 PM – 4.30 PM
Chair 1: Dr. Janahanlal Stephen (Ilahia College of Engg & Tech, India)			Chair 2: Dr. Vinu V DAS (General Co-Chair, AET 2011)	
Paper ID	Title		Registered Author	
AET_AEE_11 S	Proximity Effects High Voltage Transmission Lines on Humans		Girish Kulkarni	
AET_AEE_30 S	Inverse Gamma Distribution based Delay and Slew Modeling for On- Chip VLSI RC Interconnect for Arbitrary Ramp Input		V. Satyanarayana	
AET_AEE_34 S	Integrated Active Filters using low gain modules		Richa Arya	
AET_AEE_36 S	Design of a Remotely Accessible PC based Temperature Monitoring System		Hidam Kumarjit Singh	
AET_AEE_38 S C	An Axial-Flux Permanent Magnet (AFPM) Generator for Defence Applications - Paradigm Shift in Electrical Machinea		Poonam Kumari P M Kurulkar	
AET_AEE_39 S	Development of Dual Frequency Alternator Technology Based Power Source For Military Applications		KP Rathod	
AET_AEE_42 S	Comparative Analysis of Distortive and Non-Distortive Techniques for PAPR Reduction in		Reena Chackochan	

	OFDM systems	
AET_AEE_66 S C	An Efficient PMG based Wind Energy Conversion System with Power Quality Improvement Features	B. Shyam Aswathy B.Raj
AET_AEE_73 S	An Approach to LabVIEW Based Temperature & Relative Humidity Monitoring System	Moumita Sahoo
AET_AEE_78 S	LabVIEW - Teaching aid for Process Control	Nilima V Warke
AET_AEE_79 S	Optimal Feed-back Switching Control for the UPFC Based Damping Controllers	Yathisha L
AET_AEE_83 S	ANN Based PID Controlled Brushless DC drive System	C. Ganesh
AET_AEE_503 S	UWB Band Pass Filter with WLAN notch	Harish Kumar
AET_AEE_513 S	Performance analysis of Double hetero-gate Tunnel Field effect transistor	Brinda Bhowmick
AET_AEE_518 S	An Active Input Current Waveshaping with Zero Switching Losses for Three-Phase Circuit Using Power Diode	Shrinivas Reddy
AET_AEE_53 S	Design of a Pseudo-Random Binary Code Generator via a Developed Simulation Model	A.Ahmad, D. Al-Abri

Date: 20-Dec-2011			Hall 2			Session 3			Time: 2.00 PM – 4.30 PM		
Chair 1: Dr. Yogesh Chaba (Guru Jambheshwar University of Science & Technology, Hisar, India)						Chair 2:Dr. S M Murigendrappa (Asso.Prof, NIT Karnataka)					
Paper ID			Title						Registered Author		
AET_AME_12 F			A Numerical Study of heating effect of magnetic nanoparticles Hyperthermia with alternating magnetic field						Amir.H.S.Garmabaki		
AET_AME_26 F			Motion Control and Dynamic Load Carrying Capacity of Mobile Robot via Nonlinear Optimal Feedback						M. Irani		
AET_AME_40 F			The Modeling and Simulation of a Half-Vehicle Model with Driver						Tumer Ulus		
AET_AME_41 F			A comparative study on direct and pulsed current gas tungsten arc welding of Inconel 617						Emad Farahani		
AET_AME_42 F			Reducing Vibration Effects on the Two Storey Building Model Using Dynamic Absorber						Nurkan Yagiz		
AET_AME_43 F			Thermoelastic damping of vibrations in a transversely isotropic hollow cylinder						Harjit Singh		
AET_AME_44 F			Reflection and Transmission of Thermo-Viscoelastic Plane Waves at Liquid-Solid Interface						R Kaur		
AET_AME_45 F			Circular Waves in Thermoelastic Plates Bordered with Viscous Liquid						S. Pathania		
AET_AME_51 F			Control-Integrated Design by Theoretical Simulation for a Torque-Actuated 6-SBU Stewart Platform						Biswajit Halder		
AET_AME_53 F			Ride Analysis of Three Wheeled Vehicle Using MATLAB/Simulink						TEJESH TUTARAM		

AET_AME_58 F	Design and Parametric Studies of an Indirect Evaporative Air Cooler	V. Sudheer Reddy
AET_AME_508 F	Theoretical Formulation and Finite Elemental Analysis of Conformal Cylindrical Contact	Nandish R.V
AET_AME_510 F	Fabrication, Mechanical Characterization and Wear Response of Hybrid Composites Filled with Red Mud: an Alumina Plant Waste	Hemalata Jena
AET_AME_516 F C	Analysis Of Design Parameters Of The Isopipe On The Quality Of Glass Produced From The Overflow Fusion Process	Ankit Tiwari Piyush Kumar Sudhir Kumar Sharma

Tea Break 4.30 PM – 4.45 PM

Date: 21-Dec-2011		Hall 1	Session 4	Time: 9.00 AM – 11.00 AM
Chair 1: Dr. Janahanlal Stephen (<i>Ilahia College of Engg & Tech, India</i>)			Chair 2: Dr. Priti P. Rege (<i>Prof. College of Engg., Pune</i>)	
Paper ID	Title	Registered Author		
AET_ACS_47 F	Simulation of Adaptive Noise Canceller for an ECG signal Analysis	Raj Kumar Thenua		
AET_ACS_54 F	Design of Optimal Linear Phase FIR High Pass Filter using Improved Particle Swarm Optimization	Purna Mukherjee		
AET_ACS_55 F	Modelling of Crosstalk and Delay for Distributed RLCG On-Chip Interconnects For Ramp Input	Sumita Gupta		
AET_ACS_61 F	Detection of suspected nodes in MANET	Suman S Chandanan		
AET_ACS_64 F	Application of Bio-Inspired Optimization Technique for Finding The Optimal set of Concentric Circular Antenna Array With Central Element Feeding	B. Goswami		
AET_ACS_69	KidzFrame: supporting awareness in the daycare	Vassilis Javed Khan		
AET_ACS_82 F	A Novel Algorithm for Detection of Subtle Signs in Mammogram	Amit Kamra		
AET_ACS_99 F	An Information Maximization approach of ICA for Gender Classification	Sunita Kumari		
AET_ACS_528 F	Performance Measures of Hierarchical Cellular Networks on Queuing Handoff Calls	Kashish Parwani		

Date: 21-Dec-2011		Hall 2	Session 8	Time: 9.00 AM – 11.00 AM
Chair 1: Dr. Yogesh Chaba (<i>Guru Jambheshwar University of Science & Technology, Hisar, India</i>)			Chair 2: Dr. Tanmoy Maity (<i>Indian School of Mines, Jharkhand</i>)	
Paper ID	Title	Registered Author		
AET_AEE_23 F	Modeling, Analysis and Simulation of VFT for Power Flow Control through Asynchronous Power Systems	Farhad Ilahi Bakhsh		
AET_AEE_31 F	Analytical Delay Model for Distributed On-Chip RLCG Global Interconnects for Different Pole Conditions	Vikas Maheshwari		

AET_AEE_41 F	Performance Analysis of M-ary Optical CDMA in Presence of Chromatic Dispersion	Md. Jahedul Islam
AET_AEE_43 F	Microcontroller Based Novel Dc-to-Ac Grid Connected Inverter Topology	Adil Sarwar
AET_AEE_44 F	Particle Swarm Optimization with Constriction Factor and Inertia Weight Approach Based Synthesis of Concentric Circular Antenna Array with Non-isotropic Elements	Bipul Goswami
AET_AEE_45 F	Genetic algorithm based Different Re-dispatching Scheduling of Generator Units for Calculating Short Run Marginal Cost in Deregulated Environment	Priyanka Roy
AET_AEE_46 F	Linear Antenna Array synthesis with Decreasing Sidelobe and Narrow Beamwidth	Mangolika Bhattacharya
AET_AEE_48 F	Interleaving Technique in Multiphase Buck & Boost Converter	Y. Thiagarajan
AET_AEE_49 F	A novel model of influence function: calibration of a continuous membrane deformable mirror	M. B. Roopashree
AET_AEE_59 F	An Application Of Genetic Programming For Power System Planning And Operation	Rabindra Behera

Tea Break 11.00AM – 11.15AM

Date: 21-Dec-2011		Hall 1	Session 5	Time: 11.15AM – 1.15 PM
Chair 1: Dr. Janahanlal Stephen (IIT Bombay, India)		Chair 2: Dr. Neeraj Sharma (Asso. Prof, Punjabi University Patiala)		
Paper ID	Title	Registered Author		
AET_ACS_12 S	Shift Invariant Ear Feature Extraction using Dual Tree Complex Wavelet Transform for Ear Recognition	Rajesh M Bodade		
AET_ACS_21 S	Automatic Relative Radiometric Normalization for Change Detection of Satellite Imagery	Munmun Baisantry		
AET_ACS_46 S	Evaluation of Performance Characteristics of Polynomial Based And Lattice Based NRTU Cryptosystem	Rakesh Nayak		
AET_ACS_62 S	A Secure Account-Based Mobile payment protocol with Public key Cryptography	Vorugunti Chandra Sekhar		
AET_ACS_70 S	Text-Image Separation in Document Images Using Boundary/Perimeter Detection	Priti P. Rege		
AET_ACS_80 S	Rotation Scale Invariant Semi Blind Biometric Watermarking Technique for Colour Image	Vandana Inamdar		
AET_ACS_81 S	Secure Scan design using Redundant Scan Register	Sabyasachee Banerjee		
C		Pranay Kumar Saha		
AET_ACS_84 S	Object detection and tracking in Video Sequences	Manisha Chate		
C		S. Amudha		
AET_ACS_86 S	Depth-Image-based Facial Analysis between Age Groups and Recognition of 3D Faces	Chiranji Lal Chowdhary		

AET_ACS_88 S	On-line Fault diagnosis of Arbitrary Connected Networks	Arunashu Mahapatra
AET_ACS_106 S	Comparison of Normal and Ventricular Tachyarrhythmic Electrocardiograms using Scatter Plots	Shreya Das
AET_ACS_107 S	Detection of Carotid Artery from Pre-Processed Magnetic Resonance Angiogram	Sarbani Datta
AET_ACS_108 S	Blur Parameter Identification using Support Vector Machine	Ratnakar Dash
AET_ACS_113 S	Performance evaluation of ad-hoc network routing protocols using ns2 simulation	Pratik Gite
AET_ACS_116 S	Analysis of GPSR and its Relevant Attacks in Wireless Sensor Networks	Suraj Sharma
AET_ACS_117 S	Simple and Fast Implementation of Segmented Matrix Algorithm for Haar DWT on a Low Cost GPU	Madeena Sultana
AET_ACS_525 S	Analysis and Simulation of Sub-threshold Leakage Current in P3 SRAM Cell at DSM Technology for Multimedia Applications	Pulkit Bhatnagar
AET_ACS_535 S	A Least Square Approach to analyze usage data for effective Web Personalization	Sachin Subhash Patil

Date: 21-Dec-2011			Hall 2			Session 9			Time:11.15AM – 1.15 PM		
Chair 1: Dr. Yogesh Chaba (<i>Guru Jambheshwar University of Science & Technology, Hisar, India</i>)						Chair 2: Dr. Vinu V DAS (<i>General Co-Chair, AET 2011</i>)					
Paper ID			Title						Registered Author		
AET_AEE_65 F			Low Profile Inverted-F-L Antenna for 5.5 GHz WiMAX Applications						Al-Ahsan Talukder		
AET_AEE_68 F			A New QEA Based High Performance Sensorless Control of IM Drive						Md. Abdur Rafiq		
AET_AEE_69 F			Real-Time Active Noise Cancellation with Simulink and Data Acquisition Toolbox						Vaibhav Narula		
AET_AEE_70 F			3D Face Recognition Method Using 2DPCA-Euclidean Distance Classification						Yashar Taghizadegan		
AET_AEE_71 F			High Gain Inverted-F and Loaded Inverted -F Antennas for WLAN/Wi-Fi Applications						Md. Selim Hossain		
AET_AEE_82 F			DC Position Control System – Determination of Parameters and Significance on System Dynamics						C.Ganesh		
AET_AEE_86 F			Broadband Tiny Triple Inverted-F Antenna for 5 GHz WLAN and Bluetooth Applications						Abu Naim Rakib Ahmed		
AET_AEE_88 F			Diammetrical Mesh of Tree (D2D-MoT) Architecture: A Novel Routing Solution for NoC						Prasun Ghosal		
AET_AEE_514 F			Modified Whitening Rotation based Joint Semi-blind Channel and Data Estimation Scheme for Rayleigh Flat Fading MIMO channels						Jaymin Bhalani		
AET_AEE_516 F			Analysis and Simulation of Gate Leakage Current in SRAM Bit-Cell at Deep Sub-Micron CMOS Technology for Multimedia Applications						Naveen Yadav		

AET_AEE_517 F	Differential Amplifiers in Bioimpedance Measurement Systems: A Comparison Based on CMRR	Padma Batra
---------------	---	-------------

Lunch Break 1.15 PM – 2.15 PM

Date: 21-Dec-2011		Hall 1	Session 6	Time:2.15PM – 3.30 PM
Chair 1: Dr.Janahanlal Stephen (<i>Ilahia College of Engg & Tech, India</i>)			Chair 2: Dr.Vinu V DAS (<i>General Co-Chair, AET 2011</i>)	
Paper ID	Title		Registered Author	
AET_ACS_93 P	Homographic Word Disambiguation in Web Searching		Rekha Jain	
AET_ACS_96 P	Ensuring Security of Data by Embedding it into an Image by Targeting its Random Pixels		Sabyasachi Samanta	
AET_ACS_100 P	Elucidation of the Cloud lock-in		Geeta Sharma	
AET_ACS_103 P	Dynamic Discovery and Consumption of Local Services in a Decentralized Registry based Web Services Environment		Melwyn D'Souza	
AET_ACS_105 P	Experience Management for Process Improvement: Prescriptions from Literature and Evidence from Indian Software Engineering Environment		Neeraj Sharma	
AET_ACS_112 P	Semantic Web based Adaptive Intelligent Tutoring System		Suraiya Jabin	
AET_ACS_517 P	Optic Disc Detection and Retinal Blood Vessel Segmentation in Color Retinal Images		N.B. Prakash	
AET_ACS_518 P	Regress Analysis of Requirement Coverage to Minimize Test Suite		Rajat Sheel Jain	
AET_ACS_534 P	Designing Implementation algorithm for Intrusion Detection in Computer Network		T.A. Mohana Prakash	

Date: 20-Dec-2011		Hall 2	Session 10	Time:2.15PM –3.30 PM
Chair 1: Dr. Yogesh Chaba (<i>Guru Jambheshwar University of Science & Technology, Hisar, India</i>)			Chair 2: Dr. Tanmoy Maity (<i>Indian School of Mines, Jharkhand</i>)	
Paper ID	Title		Registered Author	
AET_AEE_12 P	Design &Analysis of parameters using VB script of Lithium Niobate(LiNbO3)1x2 Digital Optical Switch with Buffer layer		Harjeet Kaur	
AET_AEE_26 P	Time Response Analysis of AVR using Stabilizer and PID Controller Implemented on GUI		Parita D. Giri	
AET_AEE_60 P	Performance Analysis of Cognitive Radio Networks with Dynamic Spectrum Access		Rita mahajan	
AET_AEE_501 P	Determination of Particle Trajectory in a Gas Insulated Substation (GIS) Using Charge Simulation Method		K B V S R Subrahmanyam	
AET_AEE_507 P	An Exploration of Efficient Architecture for Double Data Rate SDRAM for a High Performance Implementation		Shivani Bathla	
AET_AEE_519 P	Nanocrystalline Titanium Dioxide: Photoconductivity in Dye Sensitized Solar Cell		Aisha Malik	

Tea Break 3.30 PM – 3.45 PM
Closing Ceremony 3.45 PM – 4 .15 PM (Hall-1)