

AET AEE
Accepted Full Paper

Paper ID	Paper Title	Author
AET_AEE_2	Low Power 8×8 SRAM Design Using Sleepy Keeper Approach	P.V.K Chaitanya, Pardeep Jamwal
AET_AEE_6	Scalar control of Induction Motor based on hybrid PWM With reduced torque ripple	M. Harsha Vardhan Reddy, V.Jegathesan
AET_AEE_9	Implementation of stacked multicell converter for solar panel	T. Keerthana, M. Manamalli, P. Ponnambalam
AET_AEE_14	A 130nm SRAM with Negative Word-line and Design Techniques for Low Power Operation	Premananda B.S, Santhosh.C
AET_AEE_19	Spectrogram Study of Echo and Reverberation – A Novel Approach to reduce Echo and Reverberation in Room Acoustics	Pushpalatha G S, Shivaputra , Mohan Kumar N
AET_AEE_20	Implementation of Parameterizable Floating point Library	Manju Ramya C R, V.Prabhu Swamy
AET_AEE_23	Modeling, Analysis and Simulation of VFT for Power Flow Control through Asynchronous Power Systems	Farhad Ilahi Bakhsh, Shirazul Islam, Mohammad Khursheed
AET_AEE_31	Analytical Delay Model for Distributed On-Chip RLCG Global Interconnects for Different Pole Conditions	V. Maheshwari, A. Majumdar, D. Sengupta, R. Kar, D. Mandal, A.K.Bhattacharjee
AET_AEE_32	Review of Maglev Train Technologies	Hyung-Woo Lee, Ki-Chan Kim, Ju Lee
AET_AEE_33	An Explicit Crosstalk Aware Delay Modelling for On-Chip VLSI RLC Interconnect with Skin Effect	Vikas Maheshwari, Shilpi Lavania, D. Sengupta, R. Kar, D. Mandal, A.K. Bhattacharjee
AET_AEE_40	Minimizing Energy of Scalable Distributed Least Squares Localization	Diana Olivia, Ramakrishna M, Divya S
AET_AEE_41	Performance Analysis of M-ary Optical CDMA in Presence of Chromatic Dispersion	Md. Jahedul Islam, Md. Rafiqul Islam
AET_AEE_43	Microcontroller Based Novel Dc-to-Ac Grid Connected Inverter Topology	Adil Sarwar, M.S. Jamil Asghar, Farhad I. Bakhsh
AET_AEE_44	Particle Swarm Optimization with Constriction Factor and Inertia Weight Approach Based Synthesis of Concentric Circular Antenna	Durbadal Mandal, Bipul Goswami, Rajib Kar, Sakti Prasad Ghoshal

	Array with Non-isotropic Elements	
AET_AEE_45	Genetic algorithm based Different Re-dispatching Scheduling of Generator Units for Calculating Short Run Marginal Cost in Deregulated Environment	Priyanka Roy, A.Chakrabarti
AET_AEE_46	Linear Antenna Array synthesis with Decreasing Sidelobe and Narrow Beamwidth	Sudipta Das, Mangolika Bhattacharya, Atanu Sen, Durbadal Mandal
AET_AEE_48	Interleaving Technique in Multiphase Buck & Boost Converter	M.Omamageswari, Y. Thiagarajan, T. S. Sivakumaran
AET_AEE_49	A novel model of influence function: calibration of a continuous membrane deformable mirror	M. B. Roopashree, Akondi Vyas, B. Raghavendra Prasad
AET_AEE_52	Robust PI Controller For Conical Tank Level Control System Using Volumetric Observer	S.Anand, V.Aswin, S.Rakesh Kumar
AET_AEE_54	FPGA implementation of SHA-224/256 algorithm oriented Digital Signature	Yang Jun Ding Jun Li Na Guo Yixiong
AET_AEE_59	An Application Of Genetic Programming For Power System Planning And Operation	R.Behera, B.B.Pati, B.P.Panigrahi, S. Misra
AET_AEE_62	Pittsburgh Approach of Genetic Fuzzy System Control for Real -Time Power System Stabilization	Jha Manoj, Qureshi M.F, Chhapre Ritesh., Agrawal Pritha
AET_AEE_65	Low Profile Inverted-F-L Antenna for 5.5 GHz WiMAX Applications	Al-Ahsan Talukder, Debabrata Kumar Karmokar, Khaled Mahbub Morshed, Md. Nurunnabi Mollah
AET_AEE_68	A New QEA Based High Performance Sensorless Control of IM Drive	Md. Habibullah, Md. Abdur Rafiq, B. C. Ghosh
AET_AEE_69	Real-Time Active Noise Cancellation with Simulink and Data Acquisition Toolbox	Vaibhav Narula, Mukul Sagar, Pranab Joshi, Puneet S Mehta, Sudhanshu Tripathi
AET_AEE_70	3D Face Recognition Method Using 2DPCA Euclidean Distance Classification	Yashar Taghizadegan, Mohammad-Hasan Ghasemian yazdi, Mohammad-Naser Moghaddasi
AET_AEE_71	High Gain Inverted-F and Loaded Inverted-F Antennas for WLAN/Wi-Fi Applications	Md. Selim Hossain, Sumi Kundu, Debabrata Kumar Karmokar

AET_AEE_74	Analysis of Fixed Width and Flexible Width TBA and TRA Test Architectures for Soc Design	Ramesh Bhakthavatchalu, Brijesh Bhadran R.K, Arjun Hari M
AET_AEE_76	Time frequency distribution application to fault detection for bearing of vibration signal	Davood.moradi, Mohammad T.Mazuri
AET_AEE_77	Analysis of Doping Parameter Dependencies of Threshold Voltage and Modeling of Drain Induced Barrier Lowering in Short-channel Ionimplanted GaAs OPFET	Shweta Tripathi, S.Jit
AET_AEE_81	Closed Loop Force Control Of A Monolithic MEMS Based Nano-Micro Gripper With A Two Dimensional Piezoresistive Force Sensor For Manipulation Of Biological Cells	Ali A. Abbasi, H. Sayyaadi
AET_AEE_82	DC Position Control System – Determination of Parameters and Significance on System Dynamics	C.Ganesh, B.Abhi, V.P.Anand, S.Aravind, R.Nandhini, S.K.Patnaik
AET_AEE_85	Noise performance evaluation of Spectrum Sensing Techniques	Sumit Singh Dhanda, Munish Verma, Vijay Lamba
AET_AEE_86	Broadband Tiny Triple Inverted-F Antenna for 5 GHz WLAN and Bluetooth Applications	Abu Naim Rakib Ahmed, Debabrata Kumar Karmokar, Asif Raihan Himel
AET_AEE_87	Design and Performance Comparison of a Conventional PID and Fuzzy Logic Controller for a Higher order System Using MATLAB	Vini Malik
AET_AEE_88	Diammetrical Mesh of Tree (D2D-MoT) Architecture: A Novel Routing Solution for NoC	Prasun Ghosal, Sankar Karmakar
AET_AEE_90	BER estimation using Monte Carlo method	Savita Sindhu, D. S. Gotra
AET_AEE_502	Electronically Tunable Circular Patch Antenna	Harish Kumar
AET_AEE_509	Design Of Parameter Extractor In Low Power Precomputation Based Content Addressable Memory	Saroja pasumarti
AET_AEE_511	Simulation Of Incremental Conductance MPPT Using Boost Converter	N. Juvantha, Sai Babu, J. Surya Kumari
AET_AEE_514	Modified Whitening Rotation based Joint Semi-blind Channel and Data Estimation Scheme for Rayleigh Flat Fading MIMO channels	Jaymin Bhalani, A. I. Trivedi
AET_AEE_515	Novel Semi-blind Channel Estimation Schemes for Rayleigh Flat Fading MIMO channels	Jaymin Bhalani, Dharmendra Chauhan, Y.P. Kosta , A.I. Trivedi

AET_AEE_516	Analysis and Simulation of Gate Leakage Current in SRAM Bit-Cell at Deep Sub-Micron CMOS Technology for Multimedia Applications	Naveen Yadav, Ritu, Neeraj Kr. Shukla, R.K.Singh, Manisha Pattanaik
AET_AEE_517	Differential Amplifiers in Bioimpedance Measurement Systems: A Comparison Based on CMRR	Padma Batra, Akriti Mittal, Santwana

AET AEE
Accepted Short Paper

Paper ID	Paper Title	Author
AET_AEE_4	Improved Z-Source Inverter Fed Induction Motor	Deepak H, Manish G Rathi, Anil G P
AET_AEE_7	Implementation of Multi – Input Power Converter for Grid Connected Hybrid Renewable Energy Generation System	Yuvaraj V, Roger Rozario, S.N.Deepa
AET_AEE_8	A Sophisticated Power Factor Correction For AC/DC Converter	Kavitha.V, S.Kuppusamy
AET_AEE_11	Proximity Effects High Voltage Transmission Lines on Humans	Girish Kulkarni, W.Z.Gandhare
AET_AEE_18	Back Flashover Phenomenon Analysis in Power Transmission Substation for Insulation Coordination	Saeedollah Talaei Mobarakei, Taghi Sami, Babak Porkar
AET_AEE_21	Intelligent Energy Billing and Security System	Pushpa Shewale, Madan Mali
AET_AEE_28	Simulation of High Voltage DC Power Supply at 220V Output Using Voltage Multiplier Circuits with 555 timer Using PSPICE	D.Krishna, P.Vijaya Bhaskar
AET_AEE_29	SAMAC Protocol for Wireless Sensor Networks	N.Rakesh, S.V.Sastha Prashanth
AET_AEE_30	Inverse Gamma Distribution based Delay and Slew Modeling for On-Chip VLSI RC Interconnect for Arbitrary Ramp Input	Rajib Kar, VikasMaheshwari, Durbadal Mandal
AET_AEE_34	Integrated Active Filters using low gain modules	Richa Arya, George Souliotis, Ioannis Haritantis
AET_AEE_36	Design of a Remotely Accessible PC based Temperature Monitoring System	Hidam Kumarjit Singh, Tulshi Bezboruah
AET_AEE_37	RTL Design of PCI Express Physical Link Layer Transmit Logic	Naga V Satyanarayana Murthy
AET_AEE_38	An Axial-Flux Permanent Magnet (AFPM) Generator for Defence Applications - Paradigm Shift in Electrical	VV Parlikar, PM Kurulkar, KP Rathod, Poonam Kumari,

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AET_AEE_39	Development of Dual Frequency Alternator Technology Based Power Source For Military Applications	VV Parlikar, PM Kurulkar, KP Rathod, Poonam Kumari, PS Rathod
AET_AEE_42	Comparative Analysis of Distortive and Non-Distortive Techniques for PAPR Reduction in OFDM systems	Reena Chackochan, Himanshu Soni
AET_AEE_53	Design of a Pseudo-Random Binary Code Generator via a Developed Simulation Model	A.Ahmad, D. Al-Abri
AET_AEE_58	Electric Field Analysis of FGM Spacer for 100kV Gas Insulated Bus duct	Gopichand Naik.M, Amarnath.J, Kamakshiah.S, Varaprasadarao.A
AET_AEE_66	An Efficient PMG based Wind Energy Conversion System with Power Quality Improvement Features	B. Shyam, Aswathy B.Raj, P.C. Thomas
AET_AEE_67	High Throughput for VLSI Implementation of Viterbi Decoder	K.Satish Babu, A.H.Sajid
AET_AEE_72	Modeling and Simulation of Non-Conventional HEPS Interconnected with Conventional Energy Source	Venkateswarao, S.S.Tulasiram, B.Brahmaiah, B.J.J.Raju
AET_AEE_73	An Approach to LabVIEW Based Temperature & Relative Humidity Monitoring System	Moumita Sahoo
AET_AEE_78	LabVIEW - Teaching aid for Process Control	Nilima V Warke
AET_AEE_79	Optimal Feed-back Switching Control for the UPFC Based Damping Controllers	Yathisha L, S Patil Kulkarni
AET_AEE_80	Fabrication of UV Photodetector Based on ZnO nanowire/n-Si Heterojunction	Mohammad Mahdi Haji-Shahkarami, H.Ghafoori-Fard, E.Al-Soleimani, J.Koohsorkhi
AET_AEE_83	ANN Based PID Controlled Brushless DC drive System	C. Ganesh, M.Prabhu, M.Rajalakshmi, G.Sumathi, Virender Bhola, S.K.Patnaik
AET_AEE_503	UWB Band Pass Filter with WLAN notch	Harish Kumar
AET_AEE_504	Invatigation of Breast Cancer Detection based on Tissue Sensing Adaptive Radar (TSAR)	Harish Kumar, Upadhayay.M.D, Amit Agarwal
AET_AEE_513	Performance analysis of Double hetero-gate Tunnel Field effect transistor	Brinda Bhowmick, Srimanta Baishya

AET_AEE_518	An Active Input Current Waveshaping with Zero Switching Losses for Three-Phase Circuit Using Power Diode	Shrinivas Reddy, Prof.Mahadevi Biradar
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AET AEE
Accepted Poster Paper

Paper ID	Paper Title	Author
AET_AEE_1	Dental Contour Extraction using ISEF Algorithm for Human Identification	Deven N Trivedi, C K Modi
AET_AEE_3	An Effective Neural Interface Based Locomotion For Physically Challenged	Ashwin.C.S, Dinesh J, Harihar M V
AET_AEE_5	Content Based Image Retrieval :A Survey	Sunita M. Jadhav, Vikram S. Patil
AET_AEE_12	Design &Analysis of parameters using VB script of Lithium Niobate(LiNbO3)1x2 Digital Optical Switch with Buffer layer	Yogesh Bhomia, Ashok Kajla, Harjeet Kaur
AET_AEE_16	Embedded Power Monitoring System	P.Ramesh, S.Koteswara rao, M.Sailaja,
AET_AEE_17	An Extensive Review of Significant Researches on Multimedia Content Based Retrieval	Sunita M. Jadhav, Vikram S. Patil
AET_AEE_24	Speaker Recognition Using GMM Algorithm Having Maximum Accuracy Incomparision With DTW & VQ Algorithm	Rajnish, A.K. Mohapatra
AET_AEE_25	Performance Evaluation of an Indirect Vector Controlled Drive Using Synchronous Current Controller	Mohd Khurshee, Adil Sarwar, Shirazul Islam, Farhad Ilahi Bakhsh
AET_AEE_26	Time Response Analysis of AVR using Stabilizer and PID Controller Implemented on GUI	Parita D. Giri, Satish K. Shah
AET_AEE_27	Biometric Watermarking And Script Encryption Using Arnold MAP	N.Rakesh, S.G.Indresh
AET_AEE_47	Neural Network for Evolving and Optimizing Phased Array Antenna	Saad Saffah Alhuraishi
AET_AEE_56	Coordinated Obstacle Avoidance System Of S-BOTS	Atul Kumar Jha, Baibhab Guru, BinoyAcharya
AET_AEE_60	Performance Analysis of Cognitive Radio Networks with Dynamic Spectrum Access	Rita mahajan, Deepak Bagai

AET_AEE_61	Video Compression Architectures for Mobile Communication using Low Power H.264	Anjum Arshia, Y.Rajasree
AET_AEE_63	Performance Analysis of FSO-CDMA at Different Atmospheric Condition	Md. Jahedul Islam, Md. Rafiqul Islam
AET_AEE_501	Determination of Particle Trajectory in a Gas Insulated Substation (GIS) Using Charge Simulation Method	Subrahmanyam, J.Amarnath
AET_AEE_506	Implementing Multicore ECUs in vehicle networks using AUTOSAR Methodology	Senthilkumar.K, R.Ramesh
AET_AEE_507	An Exploration of Efficient Architecture for Double Data Rate SDRAM for a High Performance Implementation	Gaurav Jain , Vaibhav Gogte , Shivani Bathla , Anu Gupta
AET_AEE_508	Artificial Intelligence Approaches to Generation Scheduling in Deregulated Power Market- An Overview	C.K.Panigrahi, N.Soren, U.Prasad, P.K. Chattopadhyaya
AET_AEE_510	Comparative Analysis of High Speed Optoelectronic Trans-impedance Receivers	Aparna Singh, Jyoti Kedia
AET_AEE_512	Prediction Of DIabetic Kidney Disorder From Clinical Database Using Fuzzy Relational Equation	S.Sapna, A.Tamilarasi, M.Pravin Kumar
AET_AEE_519	Nanocrystalline Titanium Dioxide: Photoconductivity in Dye Sensitized Solar Cell	Aisha Malik, S. Hameed, M.J. Siddiqui, M.M. Haque, M. Muneer
AET_AEE_520	An Efficient Algorithm For Denoising OF MRI Images Using Wavelet	Shashikant Agrawal, Yogesh Bahendwar
AET_AEE_521	Institutionalizing Standard Practices for Sustainable Energy Efficiency – Indian Petroleum Industrial Sector	Suman Deb, Arik Paul, Pankaj Kumar Bhowmik