

*Joint International Conference on Artificial Intelligence and Evolutionary Computations
in Engineering Systems (ICAIECES-2017)*

&

Power, Circuit and Information Technologies (ICPCIT-2017)

27th -29th April 2017

Programme Schedule

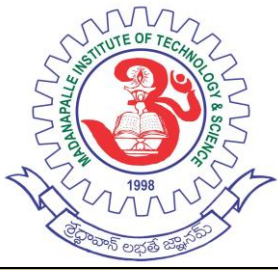
Organized by

Department of EEE, CSE and ECE

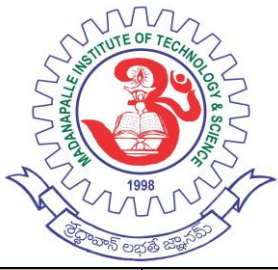
MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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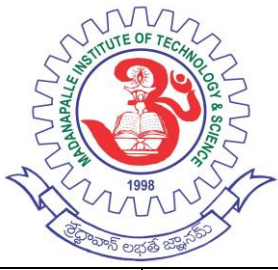
Madanapalle, Andhra Pradesh, INDIA.



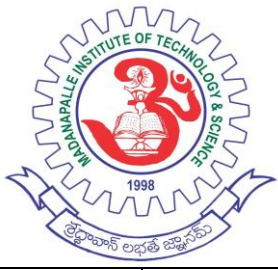
| Day 1: 27 th APRIL 2017 | | Day 2: 28 th APRIL 2017 | | Day 3: 29 th APRIL 2017 |
|--|---|---|---|--|
| Registration: 8.00 AM – 9.45 AM | | Registration: 8.00 AM – 9.00 AM | | Registration: 8.00 AM – 9.00 AM |
| Inauguration Function: 10.00 AM – 11.30 AM | | Keynote Speaker 4: Prof. Dr. Sanjeevikumar.P Professor, University of Johannesburg, South Africa : 9.00 AM – 9.45 AM | Keynote Speaker 5: Dr. B. K. Panigrahi Associate Professor, Indian Institute of Technology, Delhi : 9.00 AM – 9.45 AM | Keynote Speaker 7 Dr. S.S.Dash , SRM University, Chennai: 9.00 AM – 9.45 AM |
| Welcome Reception: 11.30 AM – 11.45 AM | | Tea Break: 9.45 AM – 10.00 AM | | ORAL PRESENTATION III A (7 PARALEL SESSION) : 9.45 AM – 11.30 AM |
| Keynote Speaker 1 Prof. Dr. Bhekisipho Twala Director, University of Johannesburg, South Africa 11.45 AM – 12.30 PM | | ORAL PRESENTATION II A (7 PARALEL SESSION) 10.00 AM – 1.00 PM | | Keynote Speaker 8 Dr. Roman Senkerik Associate Professor, Tomas Bata University in Zlin, Czech, Republic : 11.45 AM – 12.30 PM |
| Lunch: 12.30 PM – 1.30 PM | | Lunch: 1.00 PM – 1.45 PM | | Lunch: 12.30 PM – 1.30 PM |
| Keynote Speaker 2 Prof. Dr. Ramazan Bayindir Professor, Gazi University, Ankara/TURKEY 1.30 PM – 2.30 PM | Keynote Speaker 3 Dr. Swagatam Das, Professor, ISI, Kolkatta 1.30 PM – 2.30 PM | Keynote Speaker 6 Dr. Ranjan Kumar Behera, Associate Professor, Indian Institute of Technology, Patna 2.00 PM – 2.45 PM | | ORAL PRESENTATION III B (7 PARALEL SESSION) : 1.30 PM – 3.30 PM |
| ORAL PRESENTATION I (7 PARALEL SESSION) : 2.30 PM – 5.30 PM | | ORAL PRESENTATION II B (7 PARALEL SESSION) : 2.45 PM – 5.45 PM | | High Tea and Panel Discussion: 3.30 PM – 4.00 PM |
| Tea Break: 5.30 PM – 5.45 PM | | Tea Break: 5.45 PM – 6.00 PM | | CLOSING CEREMONY: 4.00 PM – 5.00 PM |
| Cultural Program: 6.00 PM – 7.00 PM | | GALA DINNER HORSLEY HILLS 7.00 PM – 8.45 PM | | LOCAL VISIT 5.00 PM – 7.00 PM |
| WELCOMING PARTY MITS CAMPUS 7.20 PM – 8.45 PM | | | | |



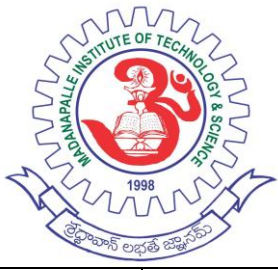
| 27.4.2017 | ORAL PRESENTATION I(A) | 2.30 PM – 5.30 PM ME Semianr Hall |
|--|--|---------------------------------------|
| Session Chairs: Prof. Dr. Bhekisipho Twala , Director, University of Johannesburg, South Africa Dr. M.Sreedevi , Assoc.Professor & HOD, MITS, India | | |
| ID No. | Title of the Paper | Author (s) |
| CS100 | Grammar rule based sentiment categorization model for tamil tweets | Nadana Ravishankar |
| CS101 | Performance enhancement for detection of myocardial infarction from multi-lead ecg using qrs point score as additional feature | Smita Kasar L |
| CS 102 | Image enrichment using sdwt-mr and fp | C. Rama Mohan |
| CS 103 | Optimal tuning of fractional order pi controller using particle swarm optimization for ph proces | G. Petchiathan |
| CS 106 | Vertical handoff in heterogeneous networks | Sandeep Sivvam |
| CS 107 | An experiential metrics based machine learning approach for anomaly based real time prevention (artp) of app-ddos attacks on web | K.Munivara Prasad |
| CS 111 | A survey on genetic algorithm for energy efficiency multicast routing in manets | P.Leela |
| CS 112 | Machine learning based application layer ddos attack detection using firefly classification algorithm | Alekhya Kaliki, |
| CS 113 | Life time enhancement of a node using i – leach protocol in wsn | D. Venkatesh |
| CS 114 | Design and implementation of iot based self-regulating power saving system for home automation | R.Jayalakshmi |
| CS 115 | An optimal rule set generation algorithm for uncertain data | Surekha Samsani |
| CS 116 | A new approach to improve the performance of nearest neighbor classifier | R. Raja Kumar |
| 27.4.2017 | ORAL PRESENTATION I(B) | 2.30 PM – 5.30 PM MBA Seminar Hall |
| Session Chairs: Dr. Swagatam Das , Professor, ISI, Kolkatta Dr. Suresh Babu Veluru , Research Professor, MITS, India | | |
| CS 118 | A choice based selection algorithm for elect a destination system in distributed environment | S.Vikram Phaneendra |
| CS 120 | Mixed weighted mean-classification-c usedfor parkinson disease | Bala brahmeswara.kadaru |
| CS 123 | Extended security solution for women based on raspberry pi | M.V. Marathe |
| CS 124 | Recommendation system based on generalized weighted tree similarity algorithm | D Pramodh Krishna |



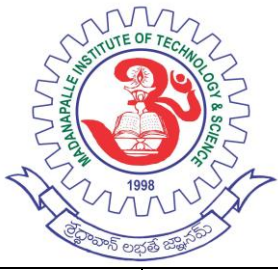
| CS 125 | Cs360 – cloud secure 360 through behaviorial analysis | Thiruchendhil Arasu |
|---|--|---|
| CS 126 | Open source automated testing: an insight into current trends and scope for further research | Mr.K.Saravanan |
| CS 127 | Enhanced watermarking using secure reversible algorithm | Kavisankar Leelasankar |
| CS 128 | Implementation of improved id3 algorithm based on association function | Prof. Mr. A.M. Bhadgale |
| CS 129 | Product recommendation system using priority ranking | S. Vasundra |
| CS 130 | High security to mails by using thumb | P. PRATHYUSHA |
| CS 131 | Hybrid approach for mri human head scans classification using htt based sfta texture feature extraction technique | R. Usha |
| CS 132 | Augment network security with play-fair cipher using 9x9 grid | P.Amrutha |
| CS 133 | Detection of diseases in plants using image processing techniques | Poornima. S |
| 27.4.2017 | ORAL PRESENTATION I(C) | 2.30 PM – 5.30 PM CSE Seminar Hall |
| Session Chairs: Prof. Dr. Ramazan Bayindir , Professor, Gazi University, Ankara/TURKEY Dr.Paruchuri Chandra Babu Naidu , Sr.Assistant Professor, MITS, India | | |
| ID No. | Title of the Paper | Author (s) |
| EE 100 | Extreme learning forecast model for grid connected mppt based photovoltaic station | MANOJA KUMAR BEHERA |
| EE 101 | Islanding detection in a multiple distributed generator system using decision tree | SRINIVASA RAO GUNDALA |
| EE 102 | Power quality profile enhancement using hybrid fuzzy-correlation controller based upqc | V VEERA NAGIREDDY |
| EE 103 | Protecting microgrids by optimal placement of pid-fcc using hybrid abc-apso algorithm | SRINIVASA RAO GUNDALA |
| EE 104 | Dual active bridge based battery charger for renewable energy applications | S UMASHANKAR |
| EE 106 | Performance improvement of hydro-thermal system with superconducting magnetic energy storage | S UMASHANKAR |
| EE 108 | Energy savings using vfds in a centrifugal pumping system | S UMASHANKAR |
| EE 109 | Reduced order model of induction motor in synchronously rotating reference frame | UMASHANKAR SUBRAMANIAN |
| EE 110 | Simulation and Analysis of Microgrid Power Flow with Distributed Energy Resources Using Matlab/Simulink | Umashankar Subramanian |
| EE 111 | Simulation Development and Analysis of a Microgrid Network to Derive Optimum Sizing of a Voltage Source for a BESS | Umashankar Subramanian |



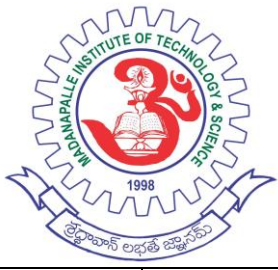
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| EE 112 | Investigations and Analysis of PV - Battery based Micro grid Energy Management System | Viswanatha V |
| EE 113 | A Complete Mathematical Modeling, Simulation and Computational Implementation of Boost Converter Via MATLAB/Simulink | S Umashankar |
| 27.4.2017 | ORAL PRESENTATION I(D) | 2.30 PM – 5.30 PM EEE Seminar Hall |
| Session Chairs: Dr. Umashankar Subramanian , Professor, VIT University, India Dr. B. Rama Kumar , Professor, MITS, India | | |
| ID No. | Title of the Paper | Author (s) |
| EE 114 | Pid control of power factor corrected zeta converter fed smps | Limya Mohandas.U |
| EE 115 | Neural network approach for inter turn short circuit detection in induction motor stator winding | Gayatri Devi. R |
| EE 116 | Cost benefit analysis of distribution network by allocating renewable dgs using pso | Dr. R Gowrisankara Rao |
| EE 286 | Power management strategy for grid interfaced pv system | Manideep Kandukuri |
| EE 121 | A new mppt scheme based on trifurcation of p-v characteristic for photovoltaic power generation | Muralidhar Nayak Bhukya |
| EE 122 | A soft computing approach for detection of voltage flicker source | Jeevan J. Inamdar |
| EE 123 | Genetic algorithm based multi-objective design optimization of radial flux pmbldc motor | Amit N. Patel |
| EE 126 | Rotor side converter control of grid connected dfig | Umashankar Subramanian |
| EE 129 | Six types of batteries comparative analysis and their dynamic model for electric vehicular technology | Chiranjeevi Mondru |
| EE 130 | Power quality improvement in grid tied photovoltaic system with fuzzy based unified multi converter controller | Kasa Sudheer |
| EE 134 | Data Transmission in Ships Based on Light Fidelity | Dr.A.Kalirasu |
| EE 136 | Comparative Analysis of Fuzzy and PI Controller Based Two Switch Buck-Boost Converter for Power Factor Correction | Manikanta Sai Yarra |
| 27.4.2017 | ORAL PRESENTATION I (E) | 2.30 PM – 5.30 PM ECE Seminar Hall |
| Session Chairs: Dr. Ranjan Kumar Mallick , ITER, Siksha 'O' Anusandhan University, Odisha, India Dr. Rajendra Prasad Narne , Assoc.Professor, MITS, India | | |
| EE 137 | Novel Approaches for Transmission System Expansion Planning-TLA | Luke John Baktha Singh Immaraju |
| EE 138 | Improving voltage for 13 bus radial distribution system using svc-fuzzy | U Ramesh Babu |



| EE 141 | Comparison of Symmetrical and Asymmetrical Cascaded H bridge Multilevel Inverter | J.Gowri Shankar |
|---|---|--|
| EE 145 | Role of Soft Computing Techniques in Fault Detection of Switches in Multilevel Inverter | Ujval B.Vyas |
| EE 149 | Performance Analysis of 33 KV Polymer and Porcelain Insulators under various Pollution Conditions at Costal Regions | N.Sumathi |
| EE 156 | Strategic bidding of ipp in competitive electricity markets based on novel hybrid lvs-tlbo technique | Ranjan Kumar Mallick |
| EE 159 | Current Controlled Bridgeless Buck Converter For Power Factor Correction in Permanent Magnet Brushless DC Motor Drive Systems | P. Sarala |
| EE 160 | Enhancement of ATC using PSO by incorporating Generalized Unified Power Flow Controller | B. Srinivasa Rao |
| EE 161 | Fault mitigation algorithm for diode clamped multi-level inverter fed induction motor drive | M. Dilip Kumar |
| EE 166 | Determination of atc by using dcptdf and acptdf methods | G.SRINIVASA RAO |
| EE 169 | A Novel Approach to Measure Moisture Content of Paddy | Divya Nath K |
| EE 171 | Performance Analyses of PMSG based WECS using Hybrid Controller in DC Grid Connected Applications | Hari Priya T |
| 27.4.2017 | ORAL PRESENTATION I (F) | 2.30 PM – 5.30 PM MAIN Seminar Hall |
| Session Chairs: Prof. Dr. Sanjeevikumar.P , Professor, University of Johannesburg, South Africa. Dr. R. Rajkamal , Assoc.Professor, MITS,India | | |
| ID No. | Title of the Paper | Author (s) |
| EE 174 | Effective use of Soft-Switching Technique to Increase Power Conversion | Durgam kumara swamy |
| EE 175 | PV Based Multi-Level Inverter Capable of Power Factor Control with DC Link Switches Using POD Technique | N.Kalaiarasi |
| EE 176 | 3dof-pid controller based automatic generation control using tlbo algorithm | Manoj Kumar Debnath |
| EE 177 | Application of Fuzzy-PIDF Controller For Automatic Generation Control Using JAYA Algorithm | Manoj Kumar Debnath |
| EE 178 | Stability enhancement of multimachine system by Improved GWO optimized UPFC based controller | Ranjan Kumar Mallick |
| EE 184 | Shunt Active Power Filter connected to MPPT based photo voltaic Array for PQ enhancement | Rajesh Babu Yamarthi |
| EE 185 | Enhanced DFT Algorithm for Estimation of Phasor by PMU in Harmonic Environments | Moduga Bham Murali Krishna |
| EE 190 | Dynamic State Estimation with PMU measurements to Identify Bad Data | M. Ravindra |
| EE 191 | A Multi-Objective Formulation for the Optimal Sizing and Location of Distributed Generation Systems by PSO Technique | Thummala Ravi kumar |



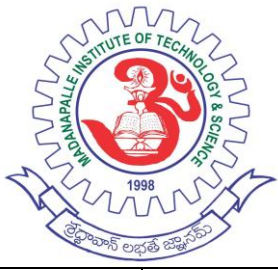
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| EE 192 | Shadow dispersion of PV Array under variable irradiance for superior power Generation by Magic Square Configuration | Sreenivasa Reddy G |
| EE 195 | Optimal Sizing and Placement of DG Units in Radial Distribution System Using Cuckoo Search Algorithm | Moumita Ghosh |
| EE 196 | Identification of fault location by using phasor measurement unit | D.sudha |
| 27.4.2017 | ORAL PRESENTATION I (G) | 2.30 PM – 5.30 PM Conference Room |
| Session Chairs: Dr. C.NagaRaju , Associate Professor, Y.V. University, India Dr. S. A. K. Jilani , Professor, MITS, India | | |
| ID No. | Title of the Paper | Author (s) |
| EC 100 | Percentage of time analysis for wormhole attack using different topology | S.Umamaheswari |
| EC 101 | A Real-time Image Mosaicing Using Onboard Computer | K. Sai Venu Prathap |
| EC 102 | Robust decision making system to recognize emotions in face | D.SharadaMani |
| EC 103 | Robust fuzzy logic technique for low contrast image shadow removal | R.Pradeep Kumar Reddy |
| EC 104 | Smart Antennas for Wireless Communication | Sandeep Sivvam |
| EC 105 | Fuzzy Entropy Triangular Model for Super Resolution Images | Uruturu Sesadri |
| EC 107 | Object detection and tracking using thermal camera | Dr.J L Mazher Iqbal |
| EC 108 | Rough set and Multi-thresholds based Seeded Region Growing Algorithm for Image Segmentation | D Anithadevi |
| EC 109 | Performance Analysis of K-Best Sphere Decoder Algorithm for Spatial Multiplexing MIMO Systems | Soma Umamaheshwar |
| EC 111 | Producing Nonlinear FM Chirp Waveforms for Radar | Naveen Kolla |
| EC 114 | Designing of a Hemi-Spherical Dielectric Resonator Antenna in S band | Biswa Ranjan Barik |
| EC 115 | Design and Implementation of a High Speed Low Power Flash ADC | K.Lokesh Krishna |
| 28.4.2017 | ORAL PRESENTATION II A (A) | 10.00 AM – 1.00 PM ME SEMINAR HALL |
| Session Chairs: Dr. C.Subramani , Assoc. Professor , SRM University, India Dr. A. Anbarasan , Assoc. Professor, MITS, India | | |
| EE 198 | An analysis of transient response of isolated Small Hydropower plant with application of CRPSO optimized PID controller | Neeraj Kumar Dewangan |
| EE 199 | Load frequency control of hydro-thermal power system using fuzzy PID controller optimized by hybrid DECRPSO algorithm | Jyoti Ranjan Nayak |



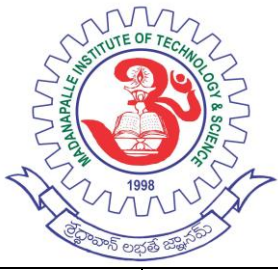
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| EE 202 | Generator Reactive Power Pricing for Practical Utility System Using Power Flow Tracing Method | Danalakshmi. D |
| EE 203 | Issues of Unit Commitment and Load Scheduling: A Fuzzy Dynamic Programming Approach | P V Narendra Kumar |
| EE 205 | A Comparison of Intelligent Soft Computing Techniques for Forecasting Earnings Per Share | M.P.RAJAKUMAR |
| EE 206 | Optimal Placement of Distributed Generation for Improving Voltage Stability and Power Loss Reduction | M.Nageswara Rao |
| EE 207 | Compensation of current harmonics in pv-grid system using fuzzy based apf controller | G. SWAPNA |
| EE 211 | FPGA based Power Analysis and Control of Distributed Generation Interface | K. Dharanisree |
| EE 212 | A Mixed Strategy Approach for Detecting Faults during Power Swing in Transmission Lines | Ch. D. Prasad |
| EE 215 | Design and FE Analysis of Interior Permanent Magnet (IPM) Brushless DC Motor | Amit N. Patel |
| EE 217 | Performance analysis of grid connected hybrid system with pq control technique with different pi values and harmonic effect on the system | N S S RAMAKRISHNA |
| EE 218 | Validation of Signals Using Principal Component Analysis | Y.Vidya Sagar |
| 28.4.2017 | ORAL PRESENTATION II A (B) | 10.00 AM – 1.00 PM MBA SEMINAR HALL |

Session Chairs: **Dr. Ranjan Kumar Mallick**, Professor, ITER, Siksha 'O' Anusandhan University, Odisha, India
Dr. M. Vaigundamoorthi, Assoc. Professor, MITS, India

| ID No. | Title of the Paper | Author (s) |
|--------|---|----------------------|
| EE 219 | Improvement of power system stability with dual UPFC controller by hybrid DEPSO technique | Ranjan Kumar Mallick |
| EE 220 | Architecture and speed control of hybrid electric vehicles | V P Kumar |
| EE 221 | ATC Enhancement using Reactive Power Flows and FACTS Devices | P. Srinivasa Varma |
| EE 226 | SVM based Emotion Recognition Using Spectral Features and PCA | S. Radha Krishna |
| EE 229 | Single Phase PQ Theory Based Control of Active Power Filter for Power Quality Enhancement in DG Connected Microgrid | M. T. L. Gayatri |
| EE 231 | Implementation of ethernet based monitoring and controlling systems | R.Sundar |
| EE 235 | Design of Hybrid Renewable Energy System with a capacity of 300kw by using MATLAB | Anjaneya Tata |
| EE 237 | Enhancement of Available Transfer Capability Using FACTS Devices in Deregulated Power System | Nagaraja Kumri.CH |
| EE 242 | Autonomous Obstacle Avoiding and Path Following Rover | Sandeep Polina |
| EE 243 | Design of compensator for reduction of power oscillations in grid connected dg | Siva Reddy K |



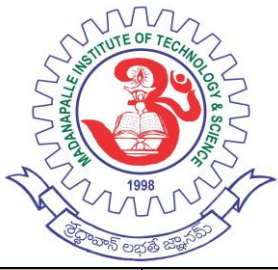
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| EE 244 | Integration of solar pv with grid | Naveen Mahadasyam |
| EE 245 | Transmission Loss Allocation in a Deregulated Power System | Kuchipudi Venkata Sai Kumar |
| 28.4.2017 | ORAL PRESENTATION II A (C) | 10.00 AM – 1.00 PM CSE SEMINAR HALL |
| Session Chairs: Prof. Dr. Sanjeevikumar.P Professor, University of Johannesburg, South Africa Dr. A. Sudhakar , Sr. Asst. Professor, MITS, India | | |
| ID No. | Title of the Paper | Author (s) |
| EE 246 | Power matrix technique for controlling of dfig based wind turbine | Venkatesh Marriboyina |
| EE 248 | Reactive power cost analysis in ancillary service market | Vijay Kumar Reddy Vemula |
| EE 249 | Selection of Mother Wavelet for Processing of Power Quality Disturbance Signals using Energy for Wavelet Packet Decomposition | M.S. Priyadarshini |
| EE 251 | Enhancement of Power Quality With Hybrid-Fuzzy Based Active Compensation Scheme for Grid Connected-Hybrid Power Generator | B Satish Bharga |
| EE 253 | Power Factor Correction of SRM Drive with Cuk Converter for Air Conditioning | M Kiran Kumar |
| EE 254 | Analysis of a multi-unit hydro-thermal system for automatic generation control using fuzzy logic controller integrated with pid controller | Manoj Kumar Debnath |
| EE 255 | Modification in Line-end coil voltage waveforms due to Interturn Faults in Random Wound Induction Motors Used in Adjustable Speed Drives | Gopu Venugopal |
| EE 257 | LQR PI Controller with optimal selection of weight matrices for First and Second order time delay process | Prabhu Ramanthan |
| EE 259 | Reduction of Torque Ripple in 3 Phase SRM Drive using Hybrid (Intelligent) Controller | Amrutha Yalamanchi |
| EE 261 | Identifying dynamic parameters using dnn and bat optimization technique in bldc motor | Balamurugan K |
| EE 262 | Economic load dispatch using particle swarm optimization | Kanakavalli Yerramsetty |
| EE 263 | A Single Phase Fuel Cell System Based on a Boost-Inverter | Teja Sreenu |
| 28.4.2017 | ORAL PRESENTATION II A (D) | 10.00 AM – 1.00 PM EEE SEMINAR HALL |
| Session Chairs: Dr. B. K. Panigrahi , Professor, Indian Institute of Technology, Delhi Dr. K. Manjunath , Sr. Asst. Professor, MITS, India | | |
| EE 267 | Completely Informed Artificial Bee Colony for Dynamic Problems and Optimal Sensor Placement | Zakir Hussain |
| EE 272 | Cascaded Multilevel Inverter based STATCOM for high-power applications | T Santosh Tej |



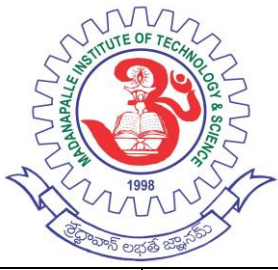
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| EE 277 | Faster charging of mobile via super capacitor | Rayavaram Kalyan |
| EE 140 | Design of optimal LLCL filter with an improved control strategy for single phase grid connected PV inverter | K.Arulkumar |
| EE 225 | Modified Newton's Method in the Leapfrog Method for Mobile Robot Path Planning | Belinda Matebese |
| EE 250 | High frequency inverter for multi coil induction heating | Venkata Siva Sai Manikanta.G |
| EE 105 | A Comparative Study and Experimental Investigation of Continuous and Discontinuous PWM algorithms for VSI fed Induction Motor Drive | Nayeemuddin Maniyar |
| EE 107 | Design and Analysis of Radial Flux Permanent Magnet Brushless DC Motor for Gearless Elevators | Amit Patel |
| EE 112 | Investigations and Analysis of PV - Battery based Micro grid Energy Management System | Umashankar Subramanian |
| EE 119 | Comprehensive review on power oscillations in southern region of india | Mahaboob Basha Qureshi |
| EE 120 | Study on Genetic Algorithms: Genetic Algorithm Concepts, Search and Optimization Techniques in Electrical Systems | S.Sakunthala |
| EE 127 | Analysis of DG in Radial Distribution System with Constant Voltage Model | G. Kalidas Babu |
| 28.4.2017 | ORAL PRESENTATION II A (E) | 10.00 AM – 1.00 PM ECE SEMINAR HALL |

Session Chairs: **Dr.S.Kiran**, Professor, Yogi Vemana University, India
Dr. E. Madhusudhana Reddy, Professor, DRK College of Engineering & Technology, India

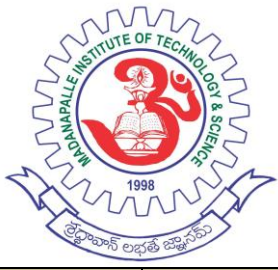
| ID No. | Title of the Paper | Author (s) |
|--------|--|-----------------------|
| CS 134 | Data Science and Augmented Intelligence through Machine Learning Algorithms | G.Sudha Gowd |
| CS 136 | Enhanced Hadoop with Search and mapreduce Concurrency Optimization | Pravin sanap |
| CS 137 | Constrained k-Means with Dictionary Synonyms to Detect Abusing Messages in Social Network | E. Madhusudhana Reddy |
| CS 139 | Volume estimation of an object using 2d images | D.D. Sapkal |
| CS 144 | Managing and Control of Data Transmission in a High Mobility based Wireless Networks | M.GIRI |
| CS 145 | Optimization Technique for Flowshop Scheduling Problem | Amar Jukuntla |
| CS 148 | Optimal Active Node Selection, Neighborhood Discovery and Reliability in wireless Sensor Networks | M.GIRI |
| CS 151 | Big-data analytics platforms: a survey | Chevuru Madhu Babu |
| CS 152 | Virus Detection using Deep Learning | A.M.Bhadgale |
| CS 153 | A Review on Security Issue in Security Model of Cloud Computing Environment | Venkata koti Reddy |
| CS 154 | A Survey on Wi-Fi based Indoor Positioning Principles for Smartphones | D.D.Sapkal |
| CS 155 | Dynamic Navigation of Query Results Based On Hash Based indexing using Improved Distance Page Rank algorithm | L.Lakshmi |



| 28.4.2017 | ORAL PRESENTATION II A (F) | 10.00 AM – 1.00 PM MAIN SEMINAR HALL |
|--|--|---|
| Session Chairs: Dr. Roman Senkerik , Associate Professor, Tomas Bata University in Zlin, Czech, Republic Dr. Sonia Sunny , Prajyoti Niketan College, Pudukad, Thrissur, Kerala, India | | |
| ID No. | Title of the Paper | Author (s) |
| CS 157 | Defending DDoS in the Insecure Internet of things : A Survey | Kamaldeep |
| CS 158 | Competent K-means for Smart and Effective Ecommerce | Neeta Shirsat |
| CS 160 | Voice Enabled atms and Deployment of Wavelets for Recognition and Authentication of Voice Based Inputs | Dr. Sonia Sunny |
| CS 164 | Installation Automation tool | N V K Chaitanya |
| CS 167 | A Hybrid Neural Network Model for Unstructured Information Extraction using Page Rank | S.Nagarajan |
| CS 169 | Modified k-nearest neighbor based clustering algorithm for subset gene selection using probability mechanism | Sanjeevikumar P |
| CS 171 | Traffic Light Management System Subject to Accident and Traffic at Intersections | Prof. D. A. Kulkarni |
| CS 172 | Detection and Classification of AD in Magnetic Resonance Imaging using Support Vector Machines | Mr. R. Viswanathan |
| CS 174 | Internet of things for home automation an Arduino approach | Mr. Lalit Mohan Satapathy |
| CS 175 | Probability based fuzzy c-means for image segmentation | DR.K PERUMAL |
| CS 178 | Steganography Technique To Prevent Data Loss By using Boolean Functions | Satya Ranjan Dash |
| CS 179 | Performance Analysis of AODV, DYMO and ANODR Routing Protocols in manets with and without wormhole attack | P.V.Venkateswara Rao |
| 28.4.2017 | ORAL PRESENTATION II A (G) | 10.00 AM – 1.00 PM CONFERENCE ROOM |
| Session Chairs: Dr. E.BHANU PRASAD , KKR & KSR Institute of Technology & Sciences, Andhra Pradesh, India Dr. A. R. Reddy , Professor, MITS, India | | |
| EC 116 | Improvement of security in cr networks using relay selection | E.BHANU PRASAD |
| EC 119 | Efficient Participatory Sensing in Smart Phone Based Wireless Sensor Networks | Wilson Thomas |
| EC 120 | Investigation of SIW Directional Coupler for 60ghz mm-Wave Applications | K. Bharath Kumar |
| EC 121 | A Novel Algorithm for Impulse Noise Removal using B-Splines for Finger Print Forensic Images | M.Jayalakshmi |
| EC 122 | Analysis of Level set methods for Lesion Segmentation on Breast Ultrasound Images | Telagarapu Prabhakar |
| EC 123 | A Relative Study of MRI Based Brain Tumor Segmentation Methods | M.JASMINE |



| EC 124 | Design of an intelligent shopping basket using iot | Ms. K. Lalitha |
|--|---|--|
| EC 125 | Survey and Analysis Of ECG Interpretation Techniques | Mr.Dinesh.A.Kulkarni |
| EC 126 | Multiobjective optimization methodology for efficient CMOS operational amplifier in the design of lowpower 2nd order DT Sigma Delta modulator | E.SRINIVAS |
| EC 127 | Spectral analysis of seismic signals using Burg algorithm | V. Ravi Teja |
| EC 128 | Multi signal classification algorithm for processing the earthquake signal | YNVS SaiVinay |
| EC 129 | Analysis of power spectrum density on earthquake data using modified covariance algorithm | A.Mounika Reddy |
| 28.4.2017 | ORAL PRESENTATION II B (A) | 2.45 PM – 5.45 PM ME SEMINAR HALL |
| Session Chairs: Dr.S.Kiran , Professor, Yogi Vemana University, Prodattur Dr. P. V. Venkateswara Rao , Sr. Asst. Professor, MITS, India | | |
| ID No. | Title of the Paper | Author (s) |
| CS 181 | Internet of Things: Power controlling through in smart mobiles | Ganta Rama Mohan Reddy |
| CS 182 | Analytical Modeling Methodology to Offer better Resiliency against Traffic bottleneck condition in Wireless Sensor Network | Maddali M. V. M. Kumar |
| CS 183 | A novel approach for Image Segmentation using CV & PSO | Hari Jyothula |
| CS 185 | Cloud computing based personal health records by using data encryption | A.M. Sai Tejasree |
| CS 191 | Interference Aware Hybrid Multipath Protocol for Mobile Ad hoc Network | Nagaraj M. Lutimath |
| CS 192 | Ant Colony Clusters for Fast Execution of Large Datasets | Konda Sreenu |
| CS 194 | Hybrid encryption with access policies in cloud data storage | Archana M |
| CS 196 | Intelligent Traffic System to reduce waiting time at Traffic Signals for Vehicle Owners Green Corridor for Emergency Service Vehicles | M.S.Satyanarayana |
| CS 197 | ECG Classification using Wavelet Transform and Wavelet Network Classifier | Dinesh D. Patil |
| CS 201 | Survey on Summarization Techniques and existing work | Satish Kamble |
| CS 202 | Developing Scans from Ground Penetrating Radar Data for Detecting Underground Target A, B and C Scan | Rushikesh Sane |
| CS 203 | Resourceful push notifications | Harshal Kanani |



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| 28.4.2017 | ORAL PRESENTATION II B (B) | 2.45 PM – 5.45 PM CSE SEMINAR HALL |
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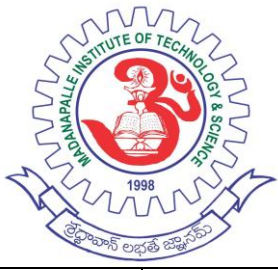
Session Chairs: **Prof. Dr. Bhekisipho Twala**, Director, University of Johannesburg, South Africa
Dr. V. Hanuman Kumar, Assoc. Professor, MITS, India

| ID No. | Title of the Paper | Author (s) |
|---------------|---|---------------------------|
| CS 205 | Key Management Interoperability Protocol Based Library for Android Devices | Apoorva Banubakode |
| CS 208 | Contributory broadcast encryption with short ciphertexts | V.D.S.S Suhas |
| CS 209 | Efficient intrusion detection system with datamining techniques | Bullibabu R |
| CS 211 | Analysis of Cloud Environment Using cloudsims | Asir Antony Gnana Singh D |
| CS 166 | A survey: aodv routing protocols | R.M.Dharani Krishna |
| CS 170 | Multicast Routing Protocols in Mobile Ad Hoc Networks: A Survey and Taxonomy | C.Anil Kumar |
| CS 184 | Restrained access to cloud resources for pacifying edos attacks | K.Khadhar Basha |
| CS 195 | A Hybrid Approach to Face Recognition using Local and Global Features | K.Raju |
| CS 198 | Optimized load balancing using linear programming | Spruha Shevade |
| CS 199 | Design and Implementation of Ranking Model Adaptation for Domain-Specific Search | Wahida Syeda |
| CS 200 | Data deduplication and load balancing techniques on cloud systems | Gauri Joshi |
| CS 204 | Gps based location services and analysis of transit data using data mining | Snehal Khavle |
| CS 206 | A review of robust video watermarking techniques | Sathies Kumar T |
| CS 207 | Mining Regular Crime Patterns in Spatio-Temporal Databases | G Vijay Kumar |

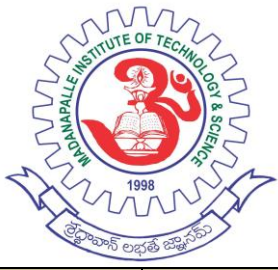
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| 28.4.2017 | ORAL PRESENTATION II B (C) | 2.45 PM – 5.45 PM MBA SEMINAR HALL |
|------------------|-----------------------------------|---|

Session Chairs: **Dr. K. R. Kashwan**, Sr. Professor & Dean, MITS, India

| | | |
|--------|--|-------------------|
| EC 130 | Power spectrum estimation of seismic wave using periodogram method | G.Visalakshmi |
| EC 143 | Design of a multiplexer using reversible logic | Gowthami. P |
| EC 132 | Estimation of power spectral density of seismic data using welch method | K.Brahmani |
| EC 133 | Power spectrum analysis of seismic data for an earthquake using bartlett alg | M. Pooja Mounika |
| EC 134 | Power spectral estimation of seismic data using blackman tukey method | G.S.L.R.S.Madhuri |



| EC 135 | Spectral estimation of seismic data using yule-walker method | D.Mukesh Kumar Reddy |
|--|--|---|
| EC 136 | Spectral analysis of geophone signal using covariance method | SundeeepVelagapudi |
| EC 137 | An Integrated Approach for Microwave Home Security System | Shaik. Mahaboob Basha |
| EC 138 | Performance Assessment of Gaussian Bilateral Filter | K.Rasool Reddy |
| EC 141 | Rectangular Enclosure Possessing Multiple apertures with Various Dimensions including Mutual Coupling Effect | G.Kameswari |
| EC 142 | Bit error rate performance of the mimo ofdm system by using stbc techniques | Sarala patchala |
| EC 131 | Analysis of seismic waves using modified periodogram algorithm | G.Visalakshmi |
| 28.4.2017 | ORAL PRESENTATION II B (D) | 2.45 PM – 5.45 PM EEE SEMINAR HALL |
| Session Chairs: Dr. G. Soundra Pandian , Professor, MITS, India Dr.P.M.K.Prasad , Professor, GMRIT, India | | |
| ID No. | Title of the Paper | Author (s) |
| EC 144 | Accurate detection of retinal tears based on neural network using fourier series power spectrum segmentation technique | Naluguru Udaya Kumar |
| EC 146 | Assessment of Dynamic Infrared Images for Breast Cancer Screening Using BEMD and URLBP | Vijaya Madhavi |
| EC 149 | Satellite image classification and quality parameters using ML classifier | Radhika. K |
| EC 150 | Biorthogonal wavelet Based Image Compression | Dr.P.M.K.Prasad |
| EC 151 | Image Encryption by Exponential Growth Equation | M.Purushotham Reddy |
| EC 153 | Low power and high speed lms algorithm using reversible gates | Momin Nikhath |
| EC 154 | High speed 3tap fir filter and analysis of parallel self timed adder | Vaddespa Sairamy |
| EC 155 | LLDR: Low Latency Dead-Lock free noc Router Architecture for Multiprocessors | E. Lakshmi Prasad |
| EC 156 | Design of a Planar Antenna Array for the Transmitting Module of MELISSA | Shweta Vincent |
| EC 157 | MRI-PET Image Fusion using Tuned Coefficients | T. Sandhya Kumari |
| EC 158 | Bit error rate analysis of bpsk, qpsk, 16-qam for mc-cdma over multi-path fading channels | L. L. Prasanna Kumar |
| EC 160 | Design and simulation of circular patch log periodic microstrip antenna array with frequency reconfigurability using ie3d software | Rajanarendra Sai |
| EC 202 | Edge feature Extraction of X-ray images based on Simplified Gabor wavelet transform | Dr. P M K Prasad |



ORAL PRESENTATION II B (E)

**2.45 PM – 5.45 PM
ECE SEMINAR HALL**

28.4.2017

Session Chairs: **Dr. Thamarai**, Professor & HOD, MITS, India

| ID No. | Title of the Paper | Author (s) |
|--------|--|-------------------------|
| EC 167 | Intelligent landing technique using ultrasonic sensor for mav applications | G Sravanthi |
| EC 168 | Improved Efficiency of Multilevel Outphasing Transmitter | D.S.AKBAR BASHA |
| EC 169 | High speed and low power linear convolution by using cook-toom multiplier | K.MOGILEESWARA |
| EC 171 | Automated Raspberry PI Controlled People Counting System for Pilgrim Crowd Management | Dr.P.Satyanarayana |
| EC 172 | 2x2 Block Processing Architecture for a Two Dimensional FIR Filter using Scalable Recursive Convolution | Anitha Arumalla |
| EC 175 | 2-bit comparator with 8-transistor 1-bit full adder with capacitor | C.CHANDAN KUMAR |
| EC 178 | Implementation and Performance Analysis of SIFT and ASIFT Image Matching Algorithms | Dr.T.Jayachandra Prasad |
| EC 183 | An Automated Exudate detection in Diabetic Retinopathy fundus images using Multi Kernel Spatial Fuzzy C means clustering method | R.Ravindraiah |
| EC 187 | A secure data sharing and revocation in cloud using ide | Phanitha Kakarala |
| EC 188 | Design of Miniaturized Meta material circular Patch Antennas for Bio Medical Applications | C. Keerthi |
| EC 192 | Enhanced Two Factor Authentication Fine Grained Access Control in Cloud Data | Yathisha Meda |
| EC 184 | Exudates detection in Diabetic Retinopathy images using Possibilistic C means clustering algorithm with induced Spatial constraint | R.Ravindraiah |

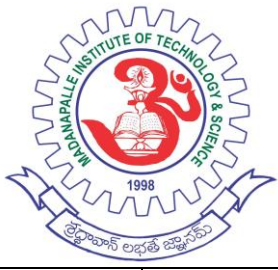
ORAL PRESENTATION II B (F)

**2.45 PM – 5.45 PM
MAIN SEMINAR HALL**

28.4.2017

Session Chairs: **Dr. Boddu Rama Devi**, Associate Professor, Kakatiya Institute of Technology & Sciences, Warangal, Telangana, India

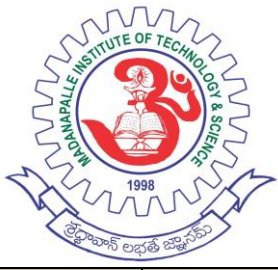
| | | |
|--------|---|----------------------|
| EC 199 | A Robust Spectral Efficiency Analysis of Massive MIMO: Improvements and Developments | Dr.Boddu Rama Devi |
| EC 194 | A Low-Noise AC coupled Instrumentation Amplifier for Recording Bio Signals | Suhashini Sankavaram |
| EC 203 | An enhanced viola jones face detection method with skin mapping & segmentation | Dr.P.Satyanarayana |
| EC 200 | Comparative Performance Study of Pilot Symbol Aided Channel Estimation FBMC–OQAM System | Dr. Boddu Rama Devi |
| EC 201 | Social media analytics using machine learning | Kameswara Rao M, |



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| | | |
| EC 163 | lot based Indoor Navigation Wearable System for Blind People | B. Vamsi Krishna |
| EC 204 | Compact Ultra-Wideband (UWB) Antenna With Band Notch Characteristics for Wireless Telecommunication applications | R.Kalyan |
| EC 205 | Image denoising using guided filtering | sri krishna |
| EC 206 | Realistic acoustic sensor network deployment and radio coverage in terrain profile using 3D modeling | Gajendra Sharma |
| EC 207 | Hardware Implementation Of Variable Digital Filter Using Constant Coefficient Multiplier For SDR Applications | P.Srikanth Reddy |
| EC 208 | Enhanced joint estimation based hyperspectral image super resolution | R.Sudheer Babu |
| 28.4.2017 | ORAL PRESENTATION II B (G) | 2.45 PM – 5.45 PM CONFERENCE ROOM |

Session Chairs: **Dr. G.V.Nagesh Kumar**, Professor, Vignans Institute of Information Technology, Visakhapatnam, Andhra Pradesh, INDIA
Dr. Rajendraprasad Narne, Associate Professor, MITS, Inida

| ID No. | Title of the Paper | Author (s) |
|--------|---|------------------------|
| EE 124 | Unit Commitment and Economic Load Dispatch Problem using Shuffled Bat Optimization Algorithm | R. K.Saket |
| EE 125 | Security Constrained Optimal Power Flow by Modern Optimization Tools | R. K.Saket |
| EE 127 | Analysis of DG in Radial Distribution System with Constant Voltage Model | G. Kalidas Babu |
| EE 128 | A Review of DFIG, PMSG and Open end winding PMSG For Wind Energy conversion system | Kalyan Kumar Koppolu |
| EE 135 | Modelling and Analysis of a Dynamic Voltage Restorer (DVR) for Robustness constraints with 3-Level Inverter and Sinusoidal Pulse Width Modulation (SPWM) Based Controller | Shabbier Ahmed Sydu |
| EE 139 | A Novel Rectifier Design for Wind Energy Applications | Iyswarya Annapoorani |
| EE 142 | Design, Analysis and Simulation of Closed loop Synchronous Buck Converter using k-factor method | Sai Krishna Reddy Mule |
| EE 143 | Wind Driven Optimization Technique :Optimal power flow problem | P.Lakshminarayana |
| EE 303 | Pwm based sensorless direct torque control for bldc motor | Ananth Guptha Maddhula |
| EE 146 | Effective Appraisal of Transient Stability in a Multiple DG System by the Utilization of Neural Network and Hybrid SVMMDT | Gundala srinivasa rao |
| EE 165 | Sustainable Operation of grid connected DFIG during Recurring Symmetrical Faults Using Fuzzy Controller | G.V.Nagesh Kumar |
| EE 148 | Damping of Power System Oscillations and Control of Voltage Dip by Using STATCOM and UPFC | G.V.Nagesh Kumar |



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| 29.4.2017 | ORAL PRESENTATION III A (A) | 9.45 AM – 11.30 AM MBA SEMINAR HALL |
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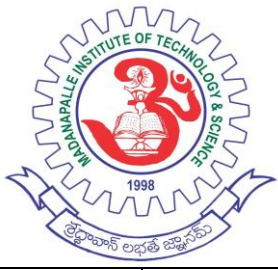
Session Chairs: **Mr.Mopidevi. Subbarao**, Asst. professor in Dept. of EEE, VFSTR University, Vadlamudi. India
Dr. K. Arul Kumar, Sr. Asst. Professor, MITS, India

| ID No. | Title of the Paper | Author (s) |
|--------|--|-----------------------|
| EE 150 | A novel Compensation Strategy for Power Quality problems in Railway Electrification using RPC | Dr. S. SIVA PRASAD |
| EE 151 | Network Reconfiguration Using L-E technique | P.Ravi babu |
| EE 152 | Design and Simulation of Kalman Filter for the Estimation of Tray Temperatures in a Binary Distillation Column | V. I. George |
| EE 153 | A Novel Fuel Cell based Buck–Boost Voltage/Current Source Inverter using SVPWAM Control Scheme | Lakshmi prasad Jakka |
| EE 154 | Speed Sensor less DTC of VSI fed IM with Simple Flux Regulation for Improving State Estimation by using EKF based estimator at Low Speed | Farzand Ali Kavali |
| EE 155 | System Identification based on Sequential AutoTuning using Relay for the Distillation Column Model | I.Thirunavukkarasu |
| EE 158 | Z-source Inverter DVR Based Voltage Sag Compensation Using Particle Swarm Optimization | Dr. S. SIVA PRASAD |
| EE 162 | Optimization of Multi-fuel Non-convex Economic-Emission Dispatch in the Presence of GUPFC using UDTPSO under Practical Constraints | M. Venkateswara Rao |
| EE 234 | Fuzzy Peak Current Controlled Integrated PFC Converter With Slope Compensation | Mr.Mopidevi. Subbarao |
| EE 240 | Fuzzy LPCM Controlled Buck Integrated PFC Converter for Class-C&D Appliances | Mr.Mopidevi. Subbarao |
| EE 147 | Extended Predictive Controller for a First Order Process with Dead Time Model | I.Thirunavukkarasu |
| EE 167 | Fault Detection of Six-Phase Transmission Lines using Discrete Wavelet Transform | L.Kishore |

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| 29.4.2017 | ORAL PRESENTATION III A (B) | 9.45 AM – 11.30 AM ME SEMINAR HALL |
|------------------|------------------------------------|---|

Session Chairs: **Dr. Ramazan Bayindir**, PROFESSOR, Gazi University, TURKEY
Dr.S.S.Dash, Professor, SRM University

| | | |
|--------|--|-----------------------|
| EE 168 | Design of hybrid solar wind energy system in a microgrid with mppt techniques | D. Chinnakullay Reddy |
| EE 170 | Power Quality Enhancement in Power System by Harmonic Reduction Technique | G.Nageswara Rao |
| EE 172 | Analysis of Hydroelectric Pump Storage for Large-Scale Wind Energy Integration | Nick Carew |
| EE 173 | Feasibility Analysis: Evaluating Sites Possible Renewable Energy Options and their Implications to Minimize the Cost | Ramazan Bayindir |
| EE 179 | Feasibility study of grid connected solar plant: An in-depth analysis of system modeling and proper | Greg Stephens |

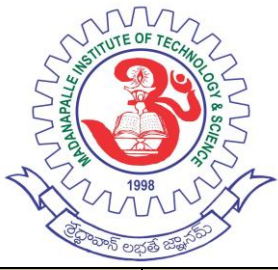


technology selection

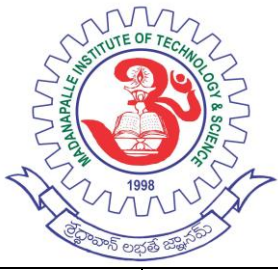
| | | |
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| EE 180 | Direct Torque Control of Three Phase Induction Motor with ANFIS and CUCKOO search Algorithms | D. Chandra Sekhar |
| EE 181 | The Use of Multi Layers Perceptron to Classify and Locate Power Transmission Line Faults | P. S. Pouabe Eboule |
| EE 182 | Comparative Performance Evaluation of Combined Economic Dispatch and Emission Dispatch using Hybrid Search Algorithm | P. Umapathi Reddy |
| EE 183 | Estimation of harmonics in micro-grid using unscented kalman filter (ukf) | Pravati Nayak |
| EE 186 | Design and Technical Analysis of hybrid Renewable Energy System with HOMER software | G.Srinivasa Rao |
| EE 187 | Optimized PID controller for BLDC motor using Evolutionary algorithms and Classical methods | Manoj Kumar Merugumalla |
| EE 204 | Enhancement of Consumer Reliability using distributed generation | Majji Satish |
| 29.4.2017 | ORAL PRESENTATION III A (C) | 9.45 AM – 11.30 AM CSE SEMINAR HALL |

Session Chairs: **Dr. Roman Senkerik**, Associate Professor, Tomas Bata University in Zlin, Czech, Republic.

| ID No. | Title of the Paper | Author (s) |
|--------|--|---------------------------|
| CS 104 | A Literature Survey on IRIS Recognition System | N. Imran |
| CS 105 | A Literature Survey on GUI testing using V-Model | G. Geetha Priya |
| CS 108 | Genetic bat for distributed denial of service attack classification in cloud | S. Velliangiri |
| CS 109 | A real time application of web log mining using hadoop | Neelima Gullipalli |
| CS 110 | A Cross Routing algorithm against Routing attacks in Portable Adhoc Networks (manets) | T Satishkumar |
| CS 117 | Feedback Relevance Base Semantic Query processing Efficiency Analysis using neural networks | P.Mohankumar |
| CS 119 | Privacy Preserving Data Mining Framework and Techniques | G.L.Anand Babu |
| CS 121 | A Review on Active Data Access Control for Multi-authority Cloud Storage Systems with Users | VENKATAKOTI REDDY.G |
| CS 122 | Intrusion Detection Using an Ensemble of Support Vector Machines | G. Kishor Kumar |
| CS 135 | GPU-based Efficient Interactive Visualization using Wearable Assistive Hand Dataglove with Large 3D Medical Data | Piyush Kumar |
| CS 138 | Testing the Functionality of Firewall in Software Defined Network | Adebayo Oluwaseun Adedayo |
| CS 141 | Network analysis as a method of assessing terms in a dataset comprising eating disorders | T V Sai Krishna |



| 29.4.2017 | | ORAL PRESENTATION III A (D) | 9.45 AM – 11.30 AM EEE SEMINAR HALL |
|---|---|-----------------------------|--|
| Session Chairs: Dr.Ranjan Kumar Behera , Indian Institute of Technology, Patna Dr.Paruchuri Chandra Babu Naidu , Sr.Assistant Professor, MITS, India | | | |
| EE 189 | Single phase transformer less inverter with ac-coupled inductors to improve the efficiency and reliability of Grid connected PV systems | N.Nethaji Gandhi | |
| EE 193 | Two area load frequency control for DFIG based wind turbine system using modern energy storage devices | G.V.Nagesh Kumar | |
| EE 194 | Performance of DFIG during symmetrical and asymmetrical grid faults with damping controller based SSSC | D.V.N.Ananth | |
| EE 200 | Comparative analysis of fault diagnosis in Distribution System with the aid of DWT-FFNN and DWT-RBFNN | T.C. Srinivasa Rao | |
| EE 201 | Performance of MPPT in Photovoltaic Systems Using GA-ANN Optimization Scheme | Ahmed Ali | |
| EE 209 | Optimum location of distributed generator in distribution system by adpoting harmonic search algorithm | V. Havishma Amrutha | |
| EE 210 | Implementation of Modular Multilevel Converter | K Suguna | |
| EE 213 | State of art of artificial intelligence | Swarna Lekha | |
| EE 214 | Analysis of grid synchronisation under balanced and unbalanced faults using pll techniques | K Sainadh Singh | |
| EE 216 | Optimal placement and sizing of DG in a Distributed Generation Environment with comparison of different techniques | S.S.Tulasi Ram | |
| EE 223 | Evaluation of ORB-SLAM in a dynamic environment (Using a RGB-D camera) | Ardhisha Pancham | |
| EE 188 | Improving Efficiency of Switched Capacitor Cell by using Multiple Inductor Energy Storage System | N.Nethaji Gandhi | |
| 29.4.2017 | | ORAL PRESENTATION III A (E) | 9.45 AM – 11.30 AM ECE SEMINAR HALL |
| Session Chairs: Dr. Bhekisipho Twala , Director, University of Johannesburg, South Africa | | | |
| ID No. | Title of the Paper | Author (s) | |
| CS 140 | Multi-sensor tracking using multiple classifier | Bhekisipho Twala | |
| CS 142 | Smart atm | Thulasi Amanchi | |

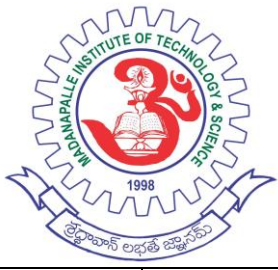


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| CS 143 | Malicious node identification using top-k query processing in manets | Porselvi Kumar |
| CS 146 | An extension of 2D Laplacian of Gaussian (log) method to 3D | Matsilele Mabaso |
| CS 147 | Dynamic congestion control in network layer for advanced cloud computing | K.Rangaswamy |
| CS 149 | Unconstrained Dynamic Object Tracking using Single Image Perspective Cues | Bhekisipho Twala |
| CS 150 | A Survey of clustering algorithms for similarity search | Anagha Joshi |
| CS 156 | Performance evaluation of major sorting algorithms | Rayudu Srinivas |
| CS 159 | Joint Fortification Model for Reliable Online Rating Systems using Linear Regression | P. Ramya |
| CS 161 | MapReduce Spilling and Shuffling Phase Optimization Techniques | Chayanika Bhandary |
| CS 162 | Protecting Cloud Infrastructure against Economic Denial of Sustainability Attack | K.Khadhar Basha |
| CS 163 | Comparison of Cluster Based Routing Protocols in Wireless Sensor Network: A Recent Survey | Murugaanandam.S |
| CS 210 | Shellcode Detection and Behavior Analysis by Proposed Stalking Algorithm | Saurabh Kumar |
| CS 212 | Prevention of DDoS & EDOS using Hybrid Filtering Technique in a Cloud Environment | Shruti Wadhwa |
| CS 213 | Efficient Opimization of Regression Test Suite based on Greedy Algorithm and Case Study | B. Bhaskar kumar Rao |
| CS 214 | IoT protocols to manage and secure data for the technological revolution | Arathi B N |

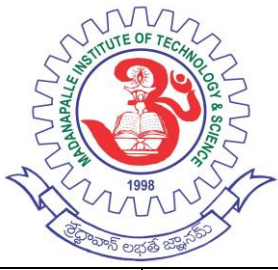
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| 29.4.2017 | ORAL PRESENTATION III A (F) | 9.45 AM – 11.30 AM MAIN SEMINAR HALL |
|-----------|------------------------------------|---|

Session Chairs: **Dr. K. R. Kashwan**, Sr. Professor & Dean, MITS, India

| ID No. | Title of the Paper | Author (s) |
|--------|---|----------------------|
| EC 106 | Miniatured planar fcc-usb antenna for vehicle collision avoidance | A.V.L.Narayana Rao |
| EC 110 | Comparative Study of Spectral Efficiency Analysis in MIMO Communications | Krishna Patteti |
| EC 112 | A Novel technique to reduce PAPR using hybrid technique with Less Complexity | K.Aruna Kumari |
| EC 113 | Analysis and design of high performance pipelines using fifo techniques in network on chip architecture | S. Sariga |
| EC 117 | A Novel Edge Detection Method for Medical Image Fusion Based On NSCT | H.Devanna |
| EC 118 | Medbox: a reliable e-caregiver smart system using iot | Sowmya.N |
| EC 139 | Content based image retrieval system for crack detection | Dr.Abraham Mathew |
| EC 140 | Recent trends in nano technology | V.Sravani |
| EC 145 | Bit error rate performance of the mimo ofdm system by using stbc techniques | Sarala patchala |
| EC 147 | A comparative study on 4g smart phone processors | P Sravan Kumar Reddy |



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|--|--|---|
| EC 148 | Advancing of Vehicle Emission detection and implication in smart Cities on Internet of Things | Raghavendra Kumar Menta |
| EC 152 | A efficient approach for the design of 16-operand addition with a fast binary to decimal converter | Md. Farukh Hashmi |
| 29.4.2017 | ORAL PRESENTATION III A (G) | 9.45 AM – 11.30 AM CONFERENCE ROOM |
| Session Chairs: Dr. G. Soundra Pandian , Sr. Professor, MITS, India | | |
| EC 159 | Vision based intelligent brain tumor detection system for health monitoring applications | G.MALYADRI |
| EC 161 | Area Optimization and Power Analysis of Hybrid 1-Bit Full Adder Using Sleepy Keeper Approach | V. Viswateja |
| EC 162 | lot based smart agriculture: a survey | S Siva Reddy |
| EC 164 | Body surface to body surface path loss calculation at 900mhz and 2.4ghz in WBAN | B. Sujana Sri |
| EC 165 | Analysis of Different Detection Techniques of MIMO In Future Generation of Wireless Communication | I. Sri Devi Mounik |
| EC 166 | Out of science out of mind | S.Shahavar |
| EC 170 | Underground Target Detection Using GPR System and Image Processing Algorithm | Rushikesh Sane |
| EC 173 | Detection of abnormalities in fetal electrocardiogram | K. PURUSHOTHAM PRASAD |
| EC 174 | Two Way Communication between Deaf and Dumb | Akshata Dabade |
| EC 176 | Bio-Electronic Approach for Various Adders Circuit Design | R.Anupriya |
| EC 177 | A Framework for Attitude Estimation of a Flight Using Kalman Filter and Cordic Methods on FPGA Platform | Md. Farukh Hashmi |
| EC 179 | Estimation and correction of carrier frequency offset using fft and 16-qam in mimo-ofdm | Sravani Thota |
| 29.4.2017 | ORAL PRESENTATION III B (A) | 1.30 PM –3.30 PM ME SEMINAR HALL |
| Session Chairs: Dr.C.Bhargava , Professor, Sreenidhi Institute of Science and Technology, (SNIST) Hyderabad, India Dr.K.Manjunath , Sr.Assistant Professor, MITS, India | | |
| ID No. | Title of the Paper | Author (s) |
| EE 224 | Generation Of 3D Realistic Synthetic Image Datasets For Spot Detection Evaluation | Matsilele Mabaso |
| EE 225 | Modified Newton's Method in the Leapfrog Method for Mobile Robot Path Planning | Belinda Matebese |
| EE 227 | Analysis of capacitor voltage balance in multilevel inverter | VNSR.Murthy |
| EE 315 | Low Voltage Ride-Through Capability Enhancement of DFIG Wind Turbine Using STATCOM And Supercapacitor Energy Storage | O.Felix |
| EE 230 | Multilevel Control of Variable Speed Wind Turbine Generator and MPPT using Fuzzy Logic Controller | Upendra Kumar Potnuru |



| EE 232 | Finite Element Approach to Measure magnetic losses in a 3-phase transformer | O.Sobhana |
|---|--|--|
| EE 233 | Design, Analysis and Simulation of High gain Isolated Front end DC-DC converter for Interfacing Fuel cell to DC micro grid application | Sai Krishna Reddy Mule |
| EE 163 | Comparative analysis of Multi-level Inverters in DSTATCOM for Power Quality Improvement | N. RAVEENDRA |
| EE 238 | Optimized PID controller for BLDC motor using Nature-inspired Algorithms | Manoj Kumar Merugumalla |
| EE 239 | Development of Space Vector Pulse Width Modulation Algorithm for Voltage Source Inverter Using dsPIC Controller 30F4011 | V.B. Thurai Raaj |
| EE 164 | A System and Novel Methodology to Track Maximum Power from Photo Voltaic System: A Comparative and Experimental Analysis | K. Srikumar |
| EE 241 | Optimal Selection of Switching Devices and Reliability Cost/Worth Evaluation in Radial Distribution System Using Immune Algorithm | Dr.C.Bhargava |
| EE 260 | The Effect of Automation and Control on Distribution System Reliability | Dr.C.Bhargava |
| 29.4.2017 | ORAL PRESENTATION III B (B) | 1.30 PM –3.30 PM MBA SEMINAR HALL |
| Session Chairs: Prof. Dr. Sanjeevikumar.P , Professor, University of Johannesburg, South Africa Dr.P.Venugopal , Professor, VIT, Chennai | | |
| ID No. | Title of the Paper | Author (s) |
| EE 236 | A step-up resonant converter for grid-connected renewable energy sources | Bhanu mayukha mallampalli |
| EE 247 | Smart grid smart grids in power systems towards controlling technical and nontechnical losses | Dr. A. G. Matani |
| EE 252 | Fault current reduction by sfcl in a distribution system using fuzzy logic technique | Meda mounika |
| EE 256 | Modelling and control of power converter for improving power quality in a grid connected pv system | Hari krishna ayyappa narina |
| EE 258 | An improved cmos voltage bandgap reference circuit | Bellamkonda saidulu |
| EE 264 | A high gain non-isolated zvzcs resonant pwm dc–dc converter | Hemanth chinta |
| EE 265 | Harmonic reduction & voltage quality improvement in cascaded h-bridge multi-level inverter using optimal pwm technique | Pullasi rishitha |
| EE 266 | Controlling the speed of dc motor using conventional and fuzzy logic controllers | Venkata satya surya teja sista |
| EE 268 | A load balance aware xy routing methodology for noc architectures | Siddhartha sudineni |
| EE 269 | Modeling of an anfis controller for series-parallel hybrid vehicle | Rachananjali k |



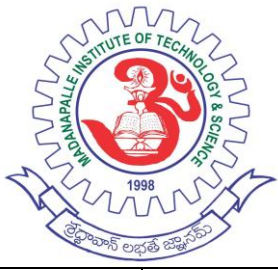
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| EE 270 | Failure analysis of pfc boost converter | Ramesh babu.darla |
| EE 271 | Harmonic reduction through improved interline unified power quality conditioner (iupqc) controller for non-linear loads | Y. Ravindranath tagore |
| 29.4.2017 | ORAL PRESENTATION III B (C) | 1.30 PM –3.30 PM CSE SEMINAR HALL |

Session Chairs: **Dr. Roman Senkerik**, Associate Professor, Tomas Bata University in Zlin, Czech, Republic.

| ID No. | Title of the Paper | Author (s) |
|-----------|---|--|
| CS 165 | Cuckoo search optimization algorithm for document clustering | Priya Vaijyanthi R |
| CS 168 | Impact of e-purse in banking sector | Ms. Sarmishtha Saha |
| CS 173 | A review on cloud computing security issues in cloud envorimental facing problems | VENKATAKOTI REDDY .G |
| CS 176 | Remote Healthcare Development Using Vehicular Ad hoc and Sensor Networks | Soumyabrata Saha |
| CS 177 | Missing Values Imputation Using Genetic algorithm for the Analysis of Traffic data | Ranjit Reddy Midde |
| CS 180 | Survey of health monitoring system using integration of cloud and big data mining techniques | Asadi Srinivasulu |
| CS 186 | An integrated CRO and Pi-Sigma neural network based forecasting model for financial time series with virtual data positions | K. K. Sahu |
| CS 187 | A Framework for Social Service Volunteers: A Social Network Representation | Kamakhya Narain Singh |
| CS 188 | A semantic-based friend recommendation system based on lifestyle matching | Pratibha Uphade |
| CS 189 | A Secure Way of Data Sharing by Improved Two-Party Key issuing scheme in Cloud Computing | Mohini Jadhav |
| CS 190 | Clustering of summarizing multi-documents big data by using mapreduce framework | Asadi Srinivasulu |
| CS 193 | Fuzzy Logic Based Sorting and Grading of Fruits | Archana M |
| 29.4.2017 | ORAL PRESENTATION III B (D) | 1.30 PM –3.30 PM EEE SEMINAR HALL |

Session Chairs: **Dr.S.S.Dash**, Professor, SRM University, Chennai

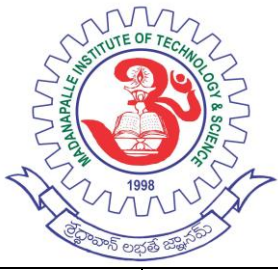
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| EE 273 | Motor and Pump Assemblies in Total Artificial Hearts and Ventricular Assist Devices | R. Basanth |
| EE 274 | Determination of sequence components during abnormal conditions | K.GopiRaviTeja |
| EE 275 | A novel mrac alorghitim for maximum power point tracking | Yandrathi Ramya |
| EE 276 | Reactive power compensation using fuzzy based d-statcom | Rahul Moguluri |



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| EE 278 | Efficient control of glucose level in blood using different pid tuning techniques | Nalini M |
| EE 279 | A couple of novel stochastic estimators designed and tested to promote the usage of towed arrays on the regular basis for passive tracking | D.V.A.N.Ravi Kumar |
| EE 280 | Optimal Placement of pmus using Binary Particle Swarm Optimization with Reduced Search Space | Keerthi Deepika |
| EE 281 | A fuzzy – ann based seperately excited dc motor | Vijay Kumar Reddy |
| EE 282 | Performance Analysis of Indirect Field Oriented Induction Motor using Fuzzy-PI Controller | G.S.N.V. Akhil Raj |
| EE 283 | Design of Coupled inductor based closed loop controller for Two-switch buck-boost converter with induction motor applications | Krishna Gopi Reminisetty |
| EE 284 | A Novel Rectifier Stage Conversion Scheme for Hybrid Wind/PV System Fed Induction Motor Drive Application | Sk Moulali |
| EE 285 | Power Management System in PV Systems with Dual Battery | Shiva Prasad Thaduka |
| 29.4.2017 | ORAL PRESENTATION III B (E) | 1.30 PM –3.30 PM ECE SEMINAR HALL |

Session Chairs: **Ramashri Tirumala**, Professor, S.V.U. College of Engg., S.V.University, Tirupathi.A.P. India

| ID No. | Title of the Paper | Author (s) |
|--------|--|----------------------|
| EC 180 | Automatic guided vehicle using raspberry pi towards road safety by avoiding vehicles accidents | Nikhil Mattani |
| EC 181 | Solar Power Optimizer using Tilt-Angle and Tracking | Waiss Kharni S M |
| EC 182 | Design of a novel 4-bit adder circuit by using gdi logic | M.Suresh Kumar Reddy |
| EC 185 | Performance Evaluation of Hybrid Decode Amplify and Forward Scheme in Space Shift Keying System | Shaik.Shakeera |
| EC 186 | A survey on health care management system using big data technologies | A. Srinivasulu |
| EC 189 | Hand Gesture Recognition for Disaster Management Applications | D.Rajasekhar |
| EC 190 | PC to PC File Transfer Using Li-Fi Technology | Shakeera Shaik |
| EC 191 | Comparison of Different Wavelet Techniques Based Video Watermarking For Copyright Protection Optimization Algorithms | Anjaneyulu Sake |
| EC 193 | FPGA Implementation of DNA Based S-DES Cryptography Technique | Alekhya P D S |
| EC 195 | Filter Bank Technique for efficient dehazing in images and videos | M.Gokila |
| EC 196 | Compact Ultra-Wideband (UWB) Antenna With Band Notch Characteristics for Wireless Telecommunication applications | Rayavaram Kalyan |



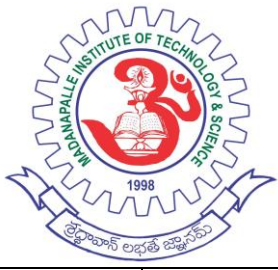
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| EC 197 | Dpa resistant s-box design using adiabatic logic | Maheswar Reddy Jallu |
| EC 198 | Improving Fault Tolerances with in a Cloud Using Crossbar Networks | Sagar Kvd |
| EC 209 | Internet of Things based Real Time Flood Monitoring and Alert Management System | Jagadeesh Mallisetty |
| 29.4.2017 | ORAL PRESENTATION III B (F) | 1.30 PM –3.30 PM MAIN SEMINAR HALL |

Session Chairs: **Dr. R. Rajkamal**, Assoc. Professor, MITS, India

| ID No. | Title of the Paper | Author (s) |
|-----------|--|---|
| EE 287 | Dynamic Modeling of Hybrid Power System with MPPT under Fast Varying of Solar Radiation | Tadanki Vijay Muni |
| EE 288 | Parallel Operation and control of Synchronous Generator and Double Fed Induction Generator | Venkata Reddy Uppunoori |
| EE 289 | Identification and Predictive Control of Underdamped Systems Using Kautz Functions | Rajasekhara Reddy.B |
| EE 290 | Optimization of energy storage device in photo voltaic system | Velaga Priyanka |
| EE 291 | Automatic Generation Control of a Multi-Source Two-Area Power System by Fractional order PID Controller | K.Vasu |
| EE 292 | Design of mppt based photo voltaic module under partial shaded conditions | Deevaguntla Baba Fakruddin |
| EE 293 | A Modified Approach for Blind Deblurring of Color Medical Image based on ADMM | Kalpna Vattikunta |
| EE 294 | Detection of fault location in transmission lines | Sarikonda Pavani |
| EE 295 | Optimal Compensation of Reactive Power in Transmission Networks using PSO, Cultural and Firefly Algorithms | Subhash Shankar Zope |
| EE 296 | Multilevel Medical Image Fusion Using Multi-Level Local Extrema(MLE) and Non Sub-Sampled Contourlet Transformation(NSCT) | Rajasekhar Goriparthi |
| EE 297 | Fuzzy RSC Control of DFIG | Karthik Tamvada |
| EE 298 | Impact of Poor Data Quality in Remotely Sensed Data | Thembinkosi Nkonyana |
| 29.4.2017 | ORAL PRESENTATION III B (G) | 1.30 PM –3.30 PM CONFERENCE ROOM |

Session Chairs: **Mr.B.V.Srikanth**, Deputy Manager, Electrical system, VALF, SDSC, SHAR, Sriharikota
Dr. B. Rama Kumar, Professor, MITS, India

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|--------|--|----------------|
| EE 299 | Clamped capacitor multilevel inverter using sinusoidal pulse width modulation (spwm) methods | Ravi Teja Ande |
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| EE 300 | Performance analysis of decoupler based snpid controller for two link manipulator | G.R.S. Naga Kumar |
| EE 301 | Performance analysis of fuzzy logic dc-dc buck converter | Indrani Kaikala |
| EE 302 | Design of lv panel | B Navya Sree |
| EE 144 | Optimal location and sizing of svc using genetic algorithm to find voltge saddle node points for improving voltage stability | B.V. SRIKANTH |
| EE 304 | An Three Phase to Six Phase Transformer | Pavan Rajana |
| EE 305 | Improving the Power Quality of Microgrid under nonlinear Load using Hysteresis Controller | Vijay Muni |
| EE 306 | Home automation rely on wifi | Muppana Susmitha |
| EE 307 | Improving the performance of solar pv system with sepic | Kommu Lakshmi Deepak |
| EE 308 | High step-up DC-DC Converter with closed loop control for Photovoltaic system with split Converter fed SRM drive | Mahendra Kamma |
| EE 309 | A New Multilevel Inverter Using Switched Capacitor Converter with Reduced Device Count | Venugopal P |
| EE 310 | FPGA Implementation of Hybrid System using Timing Attack Resistance Cryptographic Technique | Narendra Babu Tatini |
| EE 311 | Implementation of a novel P&O MPPT Controller for Photovoltaic System at Standard Test Conditions | Dr K. Venkata Ratnam |
| EE 312 | Shunt Active Power Filter connected to MPPT based photo voltaic Array for PQ enhancement | Rajesh Babu Yamarthi |
| EE 313 | Calculation of Multistage Impulse Circuit and Its Analytical Function Parameters | Gandi Ramarao |
| EE 314 | A REPORT ON CONSIDERATION AND ANALYSIS OVER DESIGNING, FABRICATION AND VALIDATION OF AN ALL TAURINE ELECTRICAL VEHICAL | S. Rajasekhar |

**Note: Red mark indicates that the Camera ready papers and registration process is not yet completed.*

Program Schedule Prepared by

Dr. Paduchuri Chandra Babu Naidu
Department of EEE, MITS, Madanpalle