

List of Registered papers in CALCON 2017
(This list is prepared based on the bank transfer information from the authors)

| Paper ID | Paper Title | Registered Author | Registration Amount |
|-------------------|---|---|---------------------|
| 10 | Power Distribution Network Reconfiguration for Loss Minimization Using a New Graph Theory Based Genetic Algorithm | Usharani Raut+3 | 9000 |
| 16 | Texture Signature based Facial Expression Recognition using NARX | Paramartha Dutta | 5000 |
| 18 | Development of Compressed Encrypted Data Management System for Power System Applications | Palash Kundu | 6000 |
| 20 | Performance Analysis of Resumable Load Data Compression Algorithm (RLDA) for Power System Operational Data | Gautam Sarkar | 5000 |
| 21 | Basic Arithmetic Coding based Approach for Compressing Generation Scheduling Data Array | Subhra J. Sarkar | 6000 |
| 22: Student paper | Automation, Security and Surveillance for a Smart City | Shubham Sarkar and Subhadeep Datta | 4000 |
| 23 | Sentiment Polarity Detection in Bengali Tweets Using Multinomial Naïve Bayes and Support Vector Machines | Kamal Sarkar | 6000 |
| 25 | Design of Fault Tolerant Nano Circuits in QCA using Explicit Cell Interaction | Mahabub Hasan Mahalat | 5000 |
| 30 | Fuzzy logic based vision enhancement using sigmoid function | Sriparna Banerjee | 6000 |
| 31 | A comparison of Locational Marginal Prices and Locational Load Shedding Marginal Prices in a Deregulated Competitive Power Market | Bishaljit Paul | 6000 |
| 32 | Tuning the optical properties of p-CuO films by Graphene incorporation for superior p-CuO/n-Si heterojunction photo-detector performance | Jenifar Sultana | 6000 |
| 33 | Thermal annealing of CBD-grown p-CuO/n-ZnO seeds and its impact on the performance of p-CuO/n-ZnO nanowire based heterojunction photo-detectors | Somdatta Paul | 6000 |
| 34 | A Comparison between Bio-Inspired and Music-Inspired Smith Predictor for Control of Time Delay Systems | Neelbrata Roy | 6000 |
| 35 | Text and Non-text Recognition using modified HOG descriptor | Ankit Kumar Sah | 6000 |
| 36 | Low Cost Surge Voltage Linearization Methods for Small Rating Power Transformers | Shampa De | 6000 |
| 38 | Comparative study on energy savings due to daylight and artificial lighting integration for different glazing materials | Sutapa Mukherjee | 6000 |
| 39 | Analysis of Non Completion Probability for Cognitive Radio Ad Hoc Networks | Anand Jee | 5000 |
| 40 | Impact of Residual Time Distributions of Spectrum Holes on Handoff Rate in Cognitive Radio Networks | Wasim Arif | 5000 |
| 45 | Identification of Epileptic Seizures using Hilbert Transform and Learning Vector Quantization Based Classifier | Raj Vipani, Smaranika Basu, Sambit Hore Sourajeep Basak | 15000 |
| 46 | Secured Transmission of Sensitive Images of Skin Diseases Using Steganography and Cryptography | Kunal Hossain | 6000 |

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| 48 | Mimicking On-line Monitoring and Security Estimation of Power System using ANN on RT Lab | Shubhranshu Kumar Tiwary+2 | 8000 |
| 49 | The impacts of Distributed Generation on voltage stability | Debjani Bhattacharya | 6000 |
| 53 | PSO Based Weight Selection & Static H_{∞} Loop Shaping Controller Design for Robust Power System Stabilizer in Four-block Framework using LMI Approach | Swapan Santra | 6000 |
| 54 | PSO Based Weight Selection and Design of Fixed Structure Robust Power System Stabilizer | Swapan Santra | 6000 |
| 60 | Effect of Interfacial charge on Parameters Considered for Insulation Diagnosis of Power Transformer | Deepak Mishra | 5000 |
| 61 | Effect of Introduced Charge on Frequency Domain Dielectric Response of Oil-Paper Insulation | Alok Kumar | 6000 |
| 64 | 3-D Analytical Modeling and comprehensive analysis of SCEs of a high-K gate stack dual-material tri-gate Silicon-On-Insulator MOSFET with dual-material bottom gate | Priyanka Saha | 6000 |
| 72 | Effect of smoothing reactor on the performance of a PWM chopper fed dc drive | Susmita Kundu | 6000 |
| 73 | Power control of off-grid wind energy conversion system through DC-link voltage control | Prasanjit Kar | 6000 |
| 74 | Decoding Mental States in Bistable Perception by Using Source Based Wavelet Features | Susmita Sen | 6000 |
| 78 | Comparative Study of Induction Motor Fault Analysis Using Feature Extraction | Arunava Kabiraj Thakur | 6000 |
| 82 | Competency of MUD Decorrelator Receiver for Far Users in Eight User DS-CDMA System | Amiya Dey | 6000 |
| 84 | Chaos Control on Current-Mode Controlled DC-DC Boost Converter Using TDFC | Banshidhari Samanta and Suchand Ghosh | 9000 |
| 89: student paper | Detection of Epilepsy Based on Discrete Wavelet Transform and Teager-Kaiser Energy Operator | Sahil Badani | 3000 |
| 90 | Development of Wi-Fi Communication Module for ATmega Microcontroller Based Mobile Robot for Cooperative Autonomous Navigation | Aritra Bhuiya and Aditya Mukherjee | 9000 |
| 91 | An Investigation of Novel Cooperation Protocol over Nakagami-m Fading Channels | Ravi Shankar | 5500 |
| 92 | A modified noise assisted EMD to extract low-frequency modes present in a wams data of dynamic power system | Papia Ray | 5000 |
| 93 | Detection Of Transformer Winding Deformations Based On Continuous Wavelet Transform | Sandip Kumar Chand | 5000 |
| 94 | Development of an Automated Setup for Dynamic Evaluation of DC Motor Characteristics | Pranjal Barman | 5500 |
| 95 | A Polarization Insensitive Metamaterial Absorber with a Transparent Window using Complementary Structure for EMI/EMC Applications | Gobinda Sen | 5000 |
| 97 | 3-D Analytical Modeling of Dual-Metal Front-Gate Stack Tri-Gate SON-TFET with Graded Channel Engineering | Dinesh Kumar Dash | 6000 |

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| 99 | Application of developed wattage independent CFL model for design and evaluation of voltage dimmable electronic ballast | Biswanath Roy | 6000 |
| 103 | Development of a Superpixel based Local Color Feature Extraction Technique for the Classification of Skin Lesions | Saptarshi Chatterjee | 5000 |
| 105 | Design of a Hierarchical Adaptive Backstepping Sliding Mode Control Law for Inertia Wheel Pendulum | Sumita Goswami | 5000 |
| 108 | Application Of Integral Double Derivative With Filter For Load Frequency Control Of Multi Area Power System | Dillip Kumar Mishra | 5000 |
| 109 | Handwritten Document Image Binarization: An Adaptive K-Means Based Approach | Suman Kumar Bera | 6000 |
| 110 | Target Detection with transmitter's identity waveform for Multi-dynamic Radar scenario | Jawed Qumar | 5000 |
| 112 | BFOA with varying population based feature selection and optimization in Palm print authentication- A Comparative Study | Nandita Sanyal | 5000 |
| 113 | Shouvik Kumar Samanta and Chandan Kumar Chanda. Investigate the impact of Smart Grid Stability Analysis on Synchronous Generator | Shouvik Kumar Samanta | 6000 |
| 120 | Modelling of a High Step Up DC – DC Converter Based On Boost-Flyback-Switched Capacitor | Tanmoy Roy Choudhury | 5000 |
| 121 | Fuzzy Predictor Based L1 Adaptive Controller for Nonlinear Systems with Disturbances | Roshni Maiti | 5000 |
| 124 | A Carrier-Based Fast Capacitor Voltage Balancing PWM Scheme for Three-Level NPC Inverter | Sourabh Kundu | 5000 |
| 126 | Automated Fundamental Heart Sound Detection using Spectral Clustering Technique | Sangita Das | 6000 |
| 128 | State of Art Control Techniques for DSTATCOM | Epsita Das | 6500 |
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| 134 | Stability Analysis of a Universal LED Driver | Vishwanath Gupta | 6000 |
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| 136 | Decision Making on Load Management for Plug-in Hybrid Electric Vehicle in Smart Grid | Abhik Mukherjee | 6500 |
| 139 | Analysis and Control of a Two Winding IG based Wind-photovoltaic Generation scheme for Domestic Application | Arunava Chatterjee | 6000 |
| 140 | Pattern Analysis of Oil Diagnostic Results with Service Age of Power Transformers | Ramij Raja Hossain | 6000 |
| 141 | An Efficient Flux Weakening Control Strategy of a Speed Controlled Permanent Magnet Synchronous Motor Drive for Light Electric Vehicle Applications | Chiranjit Sain | 5000 |
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| 148 | Design and Analysis of Large Unity Gain Bandwidth Operational Amplifier for Low- Voltage Applications | Soumen Pal | 6000 |
| 149 | Alekhya Ghosh, Rohan Basu Roy, Arani Roy, Soham Bhattacharyya, Amitava Mukherjee and Mrinal K. Naskar. Model of Real Time Biomedical Signal Transmission Using Wavelet Based Adaptive Thresholding | Alekhya Ghosh | 6000 |
| 150 | Hardware Implementation of Single-Phase Full-bridge VSI Switched by PSO Based SHEPWM Signals Using Embedded PIC Microcontroller | Sayam Ganguly | 6000 |
| 154 | Optimal Parameter Selection of Fractional Order PI Controller for DC Motor Speed Control | Duttatreya Roy Chowdhury | 6000 |
| 156 | A Comparative study of two-level and five-level inverter to convert Supercapacitive Energy for PMSM Load | Suman Jana | 5000 |
| 160 | Improvement of the Performances of Line Start Permanent Magnet Synchronous Motor with Flux Barrier in the Rotor | Mousumi Janabala | 6000 |
| 163 | An ASR System using MFCC and VQ/GMM with Emphasis on Environmental Dependency | Subhadip Basu | 5000 |
| 165 | Solution of Combined Heat and Power Economic Dispatch Problem Using Mine Blast Optimization Technique | Arkadev Ghosh | 6000 |
| 166 | PSO based determination of Optimal Rating and Position of DG in a Radial Distribution Network Considering Uncertainty in Load Demand | Chandan Jana | 6500 |
| 167 | Automatic Number Plate Recognition Using CNN Based Self Synthesized Feature Learning | Madhusree Mondal, Parmita Mondal and Nilendu Saha | 11000 |
| 168 | A Novel Structure of Cascaded Multilevel Inverter with Reduced Device Count | Saikat Kumar Maity | 6000 |
| 169 | Transmission Line Fault Pattern Recognition using Decision Tree based Smart Fault Classifier in a Large Power Network | Subhra Jana | 6000 |
| 173 | NIR Spectroscopy with Grey Wolf Optimization Algorithm for Prediction of Polyphenol Content in Inward Tea Leaves | Somdeb Chanda, Dilip Sing, | 8000 |
| 174 | Dynamical Behavior of Cuk Converter fed from a Photovoltaic Source | Aranya Bandyopadhyay | 6000 |
| 176 | A Study of FDSOI based D Flip Flop for Low Power Applications | Swarnil Roy | 5000 |
| 177 | Fault Diagnosis Of A Passive Magnetic Fault Current Limiter Using Reverse Biorthogonal Wavelet Transform | Himadri Chatterjee | 6000 |
| 178 | Different Measurement Techniques for Detection of Bearing Faults in Industrial Actuators – Comparative Study | Sukanya Mitra | 6000 |
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| 188 | Improved Equivalent Circuit Parameter Estimation of Induction Motor Using H-G Diagram and PSO | Diptarshi Bhowmick | 5000 |
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