

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

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

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
133	Grid-tied VSI Protection against Grid side Faults based on Voltage	Abhishek Majumde	6000
134	Stability Analysis of a Universal LED Driver	Vishwanath Gupta	6000
135	Dual-band Bandpass Filter using Dielectric Resonators with Semi Opened Metallic Cavity	Suparna Ballav	5000
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
143	Design and development of daylight responsive RF light controller	Pradip Kr Maiti	6000
144	An Investigation on Cross-Shaped Fishnet Metamaterial for W-Band Radar Application	Bajra Mishra	5000
145	Dual Polarized Dual Band CPW Fed Antenna for Bluetooth and WLAN Applications	Anumoy Ghosh	6000
146	Network Modeling using Optimal Transmission Switching	Sananda Pal	6000
147	Fuel cell integrated UPQC System for Power Quality Improvement	Sarita Samal	6000

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
179	Performances Comparison of Nonlinear Hydrodynamic Journal Bearing with Rotor Internal Damping Using Optimal and Fractional Order Controllers	Aniruddha Roy	6000
180	Optimal Cache Allocation in a Mobility Based Heterogenous Network Using Bayesian Games	Biswadeep Chakraborty	6000
184	Load Monitoring of Residential Electrical Loads Based on Switching Transient Analysis	Soumyajit Ghosh	6000
186	Design And Study Of Speed Control Of Dc Motor Using Youla Parameterization And Pid Controller	Nivedita Pati	5000
187	Implementation of an Arrhythmia Detection Scheme with Cellular Based Alert Framework	Vineeth Muppalla, N Sri Sai Krishna Suraj	9000

188	Improved Equivalent Circuit Parameter Estimation of Induction Motor Using H-G Diagram and PSO	Diptarshi Bhowmick	5000
189	A Novel Spectrogram based Approach towards Automatic Lung Sound Cycle Extraction	Irin Bandyopadhyaya	6000
190	HdK-Means: Hadoop Based Parallel K-Means Clustering for Big Data	Subhadip Basu	5000
191	Polarization and Depolarization Current Analysis of Thermally aged Oil Impregnated Kraft Paper	K Yashaswi Raj,	6000
192	Application of Statistical Interpretation Technique for Frequency Response Analysis and Detection of Axial Displacement in Transformer Winding	Suman Sardar	6000
194	An efficient algorithm for segregation of white and red blood cells based on modified hough transform	Kanik Palodhi	6000
195	Mining important nodes in complex networks using nonlinear PCA	Ujjwal Maulik.	5000
200	A Distributed Multilabel Classification Approach towards Mining Appliance Usage in Smart Homes	Ujjwal Maulik	5000
201	Non-Radiative Wireless Power Transfer using Inductive Resonance Coupling	Tathagata Biswas, Bhaswar Manna, Payel Ghosh, Ambarnath Banerji	15000