

## School of Electrical Engineering

### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

**Session1:**

**Date: 12<sup>th</sup> December 2019**

**Time: 1:30 pm –03:15 pm**

**Venue: AB I Nethaji Auditorium 7th Floor**

Paper ID	Title	Authors	Corresponding Author	Institute
8	Photovoltaic (PV) Micro –Inverter with Interleaved Flyback Topology	Semina Beegum A	Semina Beegum A	Government Engineering College Idukki
16	Z-Source Inverter Based DVR using wind generator as a source for storage unit	Durai Babu	Durai Babu	Sathyabama institute of science and technology
17	A Novel Index Method for Distributed Generator Placement in a Radial Distribution System Using Pandapower Python Module	Thasnimol C M and Rajathy R	Thasnimol C M	Pondicherry Engineering College
20	Simulation and Analysis of a Voltage Control Strategy for Single Stage AC-AC Converter	Jamna A, Sujatha R and Dr.Jamuna V	Jamna A	St.Joseph's College of Engineering
23	Solar PV Fed Irrigation Pump	Pearl Nightingale R H	Pearl Nightingale R H	St.Josephs college of Engineering
27	Performance improvement for PV based Distributed Generation using IPQC for IEEE 5 Bus system with power factor correction	Dr.P.Velmurugan Palani, Dr.V.Vasan Prabhu Veeramani and Mr.Sridharan Subbiah	Dr.P.Velmurugan	St.Josephs college of Engineering
29	Predicting Wind Turbine Blade Fault Condition to Enhance Wind Energy Harvest through Classification via Regression Classifier	Joshuva A, Arjun M, Murugavel R, Shridhar V. A., Sriram Gangadhar G. S. and Dhanush S. S.	Joshuva A	Hindustan Institute of Technology and Science
31	Implementing PV Energised SRSPM Based Single Phase Inverter for Induction Motor	Abirami P, Pushpavalli M and Sivagami P	Abirami	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
33	Satin Bower Bird Algorithm for Controller Parameter Optimization in an Autonomous AC Microgrid.	Rekha P Nair and Dr Kanakasabapathy P	Rekha P Nair	Amrita Vishwa Vidya Peetham
35	Modeling and Simulation of a DFIG Based Wind Energy System	Madhuvanathi Rajendran and Ashok Kumar	Madhuvanathi Rajendran	Sri Shakthi Institute of Engineering and Technology
36	Dynamic Economic Dispatch incorporating Commercial Electric Vehicles	Abinaya K, Suresh Velamuri, Suresh Kumar Sudabattula and Kaveripriya S	Abinaya K	SASTRA Deemed University

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### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

**Session2:**

**Date: 12<sup>th</sup> December 2019**

**Time: 1:30 pm –03:15 pm**

**Venue: AB 2 Smart class room**

Paper ID	Title	Authors	Corresponding Author	Institute
10	Online Insulation Monitoring of Low Voltage Unearthed Distribution Systems	Ms. K. Barkavi and Prithak Kumar Bhattacharyya	Ms. K. Barkavi	SRMIST
14	Complex Network Theory For The Analysis of Power Grid Vulnerability	Pratap Ranjan Mohanty	Pratap Ranjan Mohanty	Madanapalle Institute of Technology & Science, Madanapalle
34	Artificial Memory Optimization for Congestion Management in Restructured Power Systems	Ramesh Kumar A, Vijay S and Vijaybala V	Ramesh Kumar A	St. Joseph's Institute of Technology
41	Harmonic suppression & design of 3F-Nine Level Inverter	Selvaperumal M and Kirubakaran D	Selvaperumal M	Sathyabama university
42	Enhancement of Voltage Transfer Ratio with Matrix Converter based on Modulation Duty Cycle Matrix Approach using Optimum AV Method	Krishna Kumari N, Ravi Kumar D and Shiva Prasad E	Krishna Kumari N	VNR VJIET, Hyderabad, Telangana
49	Parallel Sub-Island Parallel Power System Restoration using Virtual instrumentation	Hariharan Raju and Usha Rani .P	Hariharan Rajan	saveetha university
51	Design and Implementation of Feedback Controller for Non-Isolated Switching DC-DC Buck Converter Operating in Continuous Current Conduction Mode	Manthan Mangesh Borage, Dipen M. Vachhani and Rajesh Arya	Manthan Mangesh Borage	VIT Chennai
55	Dynamic Analysis of Fuel Cell Fed Superlift Converter	Hounandan R, Dr. Chamundeeswari V, Kumaran M S and Deepa J	Hounandan R	St. Josesph's College of Engineering, OMR, Chennai
92	Modeling and simulation analysis of shunt active filter for harmonic mitigation in islanded microgrid	R Zahira, A Peer Fathima, Lakshmi A and Amirtharaj S	Zahira R	BSA Crescent Institute of Science and Technology
146	Extendable high gain DC-DC converter with APICs	Amritha G, Kanimozi G and Gnanaswathika O.V	Kanimozi G	VIT Chennai



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### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

#### Session3:

Date: 12<sup>th</sup> December 2019

Time: 4:00 pm –04:45 pm

Venue: AB I 101

Paper ID	Title	Authors	Corresponding Author	Institute
2	Fuzzy logic based control Strategy for improved energy management in a Fuel Cell for an Electric Vehicle using a battery and super capacitor	Vineet Katkamwar, Vinayak Mhaske, Abhijeet Shakhawar, S Denis Ashok and R Thundil Karuppa Raj	Thundil Karuppa Raj	Vellore Institute of Technology, Vellore
47	Simulation and Analysis of Interleaved Buck DC-DC Converter for EV charging	Seyezhai Ramalingam and Murugappan Kailash	Seyezhai Ramalingam	ssn college of engineering
97	Electric Vehicles Integration with Renewable Energy Sources and Smart Grids	Sree Gundebommu, Olena Rubanenko, Iryna Hunko and Divya Guduru	Sree Gundebommu	University of West Bohemia
114	Design and Development of Power Electronic Booster to Extend the range of Supercapacitor powered Electric Bicycle	Bharathi Sankar, Seyezhai R and Mani Karthik	Bharathi Sankar	SSN College of Engineering
128	Agent Based Wireless Sensor System for V2G Aggregation in Smart Grid	Swapna Mansani and Santoshkumar Hampannavar	Swapna Mansani	National Institute of Technology Karnataka
77	Analysis of wind speed data in Tadipatri region in Andhra Pradesh	Reshma Gopi R, Chitra A, Harish Kumar Pujari and Mageshvaran R	Reshma Gopi R	VIT Vellore
106	Deep Learning Approaches for Fall Detection using Acoustic Information	John Sahaya Rani Alex, Abai Kumar M and Swathy D.V.	John Sahaya Rani Alex	VIT Chennai

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### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

#### Session4:

**Date: 13<sup>th</sup> December 2019**

**Time: 11:30am – 01:00 pm**

**Venue: AB I Nethaji Auditorium 7th Floor**

Paper ID	Title	Authors	Corresponding Author	Institute
37	FOPD Controller using Bee Colony Optimized Reduced Order FOFOPDT Model of Three Interacting Tank Process	Sabura Banu Urundai Meeran, Abdul Wahid Nasir and Mohamed Shiek Mothi	Sabura Banu	BS Abdur Rahman Crescent Institute of Science and Technology
38	Optimal Allocation of DERs in Distribution System in Presence of EVs	Kaveripriya S, Suresh Velamuri, Sureshkumar Sudabattula and Abinaya K	Suresh Velamuri	SASTRA Deemed University
43	Regulated Jordan-Elman neural network based controller model for grid connected wind energy conversion systems	Deepa Sn and Rajasingam N	Deepa Sn	Anna University Reginal Campus Coimbatore
46	Transmission System Security Enhancement with Optimal Placement of UPFC in Modern Power System	Nagaraja Kumari	Nagaraja Kumari	NALLA MALLA REDDY ENGINEERING COLLEGE
54	Design and analysis of Improved Indirect Matrix Converter Supplying Power to Rotor of DFIG for Bi-directional Power flow	N Lavanya and P N H Phanindra Kumar	N Lavanya	NALLA MALLA REDDY ENGINEERING COLLEGE
62	Adaptive Reserve Estimation Technique for PV Systems under Dynamic Operating Conditions	Pankaj Verma, Tarlochan Kaur and Raminder Kaur	Pankaj Verma	Punjab Engineering College (Deemed to be University)
66	Assessing Small Cross Flow Wind Turbine for Urban Rooftop Power Generation	Seralathan Sivamani, Hemanth Prasanna R, Arun J, Mikhail Christopher, Micha Premkumar T, Bharath Kumar P, Yeswanth Yadav and Hariram V	Seralathan Sivamani	Hindustan Institute of Technology and Science
67	A Novel Power Electronic Based Maximum Power Point Tracking Technique for Solar PV Applications	Ravi Kishore and Vijay Muni	Ravi Kishore	Godavari Institute of Engineering & Technology (A)
71	Analysis of an Enhanced Positive Output Super-Lift Luo Converter for Renewable Energy Applications	Paramasivam Alagumariappan, Bhaskar K.B., Madhanakkumar N and Vanchinathan C	Paramasivam Alagumariappan	B.S.Abdur Rahman Crescent Institute of Science and Technology
118	Coordinative Control of tuned Fuzzy logic and	Rajvikram M and Vishnupriyan J	Rajvikram M	SRI VENKATESWARA



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	modified sliding mode controller in PMSG based Wind Turbines			COLLEGE OF ENGINEERING
135	Sustainable Energy Technologies: Energy resources for portable electronics-A Mini Review	Malini M, Sriramalakshmi Palanidoss and Sujatha M	Malini M	VIT Chennai
73	Impact of Distributed Generation on Distribution System Under Fault and Islanding Condition	Pujari Harish Kumar, Rudramoorthy Mageshvaran, Baleboina Guru Mohan and K Vasavi	Pujari Pujari Harish Kumar	VIT Vellore



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### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

**Session5:**

**Date: 13<sup>th</sup> December 2019**

**Time: 11:30 am – 01:00 pm**

**Venue: AB I 503**

Paper ID	Title	Authors	Corresponding Author	Institute
3	Deaf, Mute and Blind Interactive System	Akshaya M S and Siddarth V B	Akshaya M S	Sri Sai Ram Engineering College
11	Development and implementation of the smart energy monitoring system based on IoT	J Barsana Banu, J Jayashanthi, A Thameem Ansari and A Sathish	Barsana Banu	Anna University
24	Smart Classroom Setup Using Microcontrollers and Multiple Sensors	Thamizh Thentral T M	Thamizh Thentral T M	SRMIST, Kattankulathur, Chennai.
39	An Industrial Application Based N2gas Digital Pressure Indicator	Nitesh Rai, Sakshi Pimparwar and Sahil Singh	Nitesh Rai	Datta Meghe Institute of Engineering Technology And Research, Wardha
44	Crowd management using Ambient Intelligence (AmI)	Priyesh Balasubramanian, Velmathi Guruviah and Nilesh V	Priyesh	VIT Chennai
57	Context Aware Text Classification and Recommendation Model for Toxic Comments Using Logistic Regression	Udhayakumar S, Silviya Nancy J, Ashwin P and Ganesh R	Udhayakumar S	Saveetha University, Chennai
58	A Survey of Intelligent Car Parking System with Various Controllers	Subbulekshmi D, Deepa T, Krithiga S and Angalaeswari S	Subbulekshmi D	VIT Chennai
70	Ambient Intelligence A Boon to Humankind : A Review	Velmathi Guruviah, Sri Tharun and Megha Shyam	Velmathi G	VIT Chennai
85	A Collaborative Approach for Course Recommendation System	Sowmiya S A and Hamsagayathri P	Sowmiya S A	Bannari Amman Institute of Technology
91	Design of 2.4 GHz High gain LNA using 180nm CMOS for Wearable Devices Network	Shaieena Bhanu M	Shaieena Bhanu M	S.A Engineering College
121	NARX-EMFO Based Controller Optimization for pH Neutralization in Waste Water Treatment	Akshaykumar Naregalkar and Subbulekshmi D	Akshaykumar Naregalkar	VIT Chennai
124	Vision Based Lane Detection for Advanced Driver Assistance Systems	Rakesh Acharya Dharoori and Sathiya Narayanan Sekar	Rakesh Acharya Dharoori	VIT Chennai
144	IOT Based Energy Management System With Data Logging Capability	Gnana Swathika Odiyur Vathanam, Kanimozhi G, Umamaheswari E, Rujay Soj and Soudeep Saha	Gnana Swathika Odiyur Vathanam	VIT Chennai



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## School of Electrical Engineering

### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

#### Session6:

Date: 13<sup>th</sup> December 2019

Time: 2:00 pm – 04:00 pm

Venue: AB I Nethaji Auditorium 7th Floor

Paper ID	Title	Authors	Corresponding Author	Institute
60	Multi Carrier Based New Random Pulse Width Modulation for Three Phase Inverters	Jagadeeswari G and Kirubadurai B	Jegadeeswari G	AMET Deemed to be University
65	Soft Computing Approach on Minimization of Indirect Losses in Power Generation	Subodh Panda and Nagesh Deevi	Subodh Panda	Pragati engineering college
75	Enhancement of Power Quality in a 3ph-3bus Distribution System with Unified Power Quality Conditioner	Abdul Pasha and Prema Kumar	Abdul Pasha	Anurag engineering college,kodad
76	Genetic Algorithm and Graph Theory Approach to Select Protection Zone in Distribution System	S Ramana Kumar Joga, Pampa Sinha and Manoj Kumar Maharana	S Ramana Kumar Joga	KIIT Deemed to be University
79	Analysis on DVR based on the classification of converter structure and compensation schemes	P Priyadharshini and P Usha Rani	Priyadharshini P	RMD
80	Load Dispatch using Self-Adaptive Biogeography Based Optimization	Ramesh Kumar A, Pravina P and Ramesh Babu M	Ramesh Kumar A	St. Joseph's Institute of Technology
88	Load frequency control of a two area deregulated power system integrated with DFIG using flower pollination algorithm	Lakshmi D, Peer Fathima A, Zahira R and Balamurugan M	Lakshmi D	AMET Deemed to be university
99	DSPACE1103 Controller for PWM Control of Power Electronic Converters	Amalrajan R, Gunabalan R and Nilanjan Tewari	Amalrajan R	VIT Chennai
150	Performance and reliability analysis of 13 level asymmetrical inverter with reduced devices	Abeera Dutt-Roy and Umayal C	Abeera Dutt-Roy	VIT Chennai



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### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

#### Session7:

Date: 13<sup>th</sup> December 2019

Time: 2:00 pm – 04:00 pm

Venue: ABI 503

Paper ID	Title	Authors	Corresponding Author	Institute
15	Soft Switching and Voltage Control for Three Phase Induction Motor	Hemalatha S and Deepak Arumugam	Deepak Arumugam	St Josephs Institute of technology
28	Design and Performance Comparison of Permanent Magnet Assisted Synchronous Reluctance Motors	Pradhap D, Ramesh P and Lenin N C	Lenin N C	VIT Chennai
30	Performance analysis of Fuzzy logic control based Classical Converter Fed 6/4 SRM drive for Speed Precision	Indira Damarla and Venmathi M	Indira Damarla	St.Josephs college of Engineering
72	Fault classification in SRM drive using Hilbert Transform	Padala Lakshmi Sai Vineetha and Dr. M.Balaji	Padala Lakshmi Sai Vineetha	SSN College of Engineering
112	Fault diagnosis of self-aligning troughing rollers in belt conveyor system by Statistical features using Random Forest Algorithm.	Ravikumar S, Muralidharan V, Ramesh P and Cheran Pandian D	Ravikumar S	BS ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY
138	Soft Switching and Voltage Control for Three Phase Induction Motor	Hemalatha S and Deepak Arumugam	Hemalatha S	St Josephs Institute of Technology
69	Performance Enhancement Of Permanent Magnet Synchronous Motor Employing Iterative Learning Controller With Space Vector Pulse Width Modulation	Subha Lakshmi, Allirani Saminathan, Vidhya Karthik and S Sundar	Subhalakshmi	Sri Krishna College of Engineering and Technology





## School of Electrical Engineering

### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

**Session8:**

**Date: 14<sup>th</sup> December 2019**

**Time: 11:30am – 01:00 pm**

**Venue: AB 2 Smart class room**

Paper ID	Title	Authors	Corresponding Author	Institute
56	BESS based Microgrid with enhanced Power Control and Storage Management	Pradeep Gogineni and Kalpana Shanmugam	Pradeep Gogineni	ABB GISPL
94	Power quality enhancement of DC micro-grid using DC electric spring	Anu A G, Harikumar R and Ushakumari S	Anu A G	College of Engineering Trivandrum
104	Mathematical Modelling of Embedded Switched Inductor Z-Source Inverter for Photovoltaic Energy Conversion	<u>Divya T and Ramaprabha Ramabadran</u>	Divya T	SSN College of Engineering
105	Hybrid Algorithms to Track Peak Power in solar PV array under all Irradiation Conditions	<u>Ramaprabha Ramabadran and Malathy S</u>	Ramaprabha R	SSN College of Engineering
107	Financial Analysis of Diesel and Solar Photovoltaic Water Pumping Systems	Maniraj Pandikumar and Ramaprabha Ramabadran	Maniraj Pandikumar	SSN College of Engineering
123	Optimal Placement Of DG and Controlled Impedance FCL Sizing Using SalpSwarm Optimization	Vasavi.C and Dr.T.Gowri Manohar	Vasavi.C	Sri Venkateswara University
137	Vector Control Scheme for PMSG Based WPS under Various Grid Disturbances	R Vijayapriya and R Elavarasi	Vijayapriya R	VIT
139	Phase Balancing of DG Integrated Smart Secondary Distribution Network	<u>Swapna Mansani, Udaykumar R Y, Santoshkumar Hampannavar, Asha Rani Ma and Sreejith S</u>	Swapna Mansani	National Institute of Technology Silchar
140	Maximum Power Extraction from a Wind Driven DFIG under Unbalanced Grid Voltage	Asha Rani M A, Chakkarapani Manickam, Sreejith S and Swapna Mansani	Asha Rani M A	National Institute of Technology Silchar
141	Estimation of Pay Back Period Incorporating SVC and TCSC in SCUC Problem	Sreejith S, Asha Rani M A and Swapna Mansani	Sreejith S	National Institute of Technology Silchar
12	A Novel approach for Hobby class Remotely Operated Vehicle	Thamizh Thentral T M, Abhinav Viswanaath T V, Senthilnathan S and Bhargav Ravada	Thamizh Thentral	SRMIST



## School of Electrical Engineering

### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

#### Session9:

Date: 14<sup>th</sup> December 2019

Time: 11:30am – 01:00 pm

Venue: **ABI 101**

Paper ID	Title	Authors	Corresponding Author	Institute
40	Development of Wind Energy Technologies and their Impact on Environment: A Review	Manyamyuva Naga Satya Suryakiran, Waseemah Begum, R.S. Sudhakar and Sharad Kumar Tiwari	Manyamyuva Naga Satya Suryakiran	Aditya Engineering College, Surampalem , Andhra Pradesh, India.
83	Assessing the Performance of Response Surface Methodology on the Transesterification Process of Moringa Seed Bio-oil	Hariram Venkatesan, Ganesh H K, Ahmad Patan, Krishna Kumar Mallela, Somasekhar Diviti, Seralathan S and Micha Premkumar T	Hariram Venkatesan	Hindustan Institute of Technology & Science, Hindustan University, Chennai
84	Optimizing the Transesterification Process of Hemp Seed Bio-oil using Artificial Neural Network	Hariram Venkatesan, Bharadwaj P M, Viswaksen A, Surya C H, Ruthvin Maheej D, Seralathan S and Micha Premkumar T	Hariram Venkatesan	Hindustan Institute of Technology & Science, Hindustan University, Chennai
87	Haar FCM with DEMATEL technique to Analyze the Solid Waste Management	Felix A and Saroj Kumar Dash	Felix A	VIT Chennai
19	Automated Scavenging System with Hybrid Bins and Filters	Fahad and Shri Hari	Fahad	Saranathan College of Engineering
89	Development and Performance Evaluation of Micro Magnesium Oxide Filled Silicone Rubber for High Voltage Insulation	Vinayak V Rao, Ramakrishana Murthy. K, Pradipkumar Dixit, Harikrishna R, Anand M, Prajwal Kumar R.T, Raghavendra K.M and Sanjay I.S	Vinayak V Rao	M.S.Ramaiah Institute of Technology
90	Performance Evaluation of Naturally Aged Silicone Rubber Polymeric Insulating Specimen with Nano TiO <sub>2</sub> filled Epoxy Coating	Ramakrishna Murthy K, Vinayak V Rao, Pradipkumar Dixit, Harikrishna R, Tarun Anand, Chandrakala A, Prajwal Chowdary and Shubham Kumar	Ramakrishna Murthy K	M.S.Ramaiah Institute of Technology
143	Review of Particulate Matter Filters	Nerella Venkata Sai Charan, Krithiga S. and Partha Sarathi Subudhi	Krithiga S	VIT Chennai
59	Design and real time implementation of economical solar car for commercial applications	Nabeel Najeeb Kassim, Chitra A, Sohail Akthar Khan, Kumar Devasish and Ryan Sujith	Nabeel Najeeb Kassim	VIT Vellore



## School of Electrical Engineering

### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

#### Session10:

Date: 14<sup>th</sup> December 2019

Time: 02:00 pm – 03:00 pm

Venue: AB 2 Smart class room

Paper ID	Title	Authors	Corresponding Author	Institute
115	Levy interior search algorithm based multi-objective optimal reactive power dispatch for voltage stability enhancement	Karthik Nagarajan, A K Parvathy and Rajagopalan Arul	Karthik Nagarajan	Hindustan Institute of Technology and Science
117	Optimal Fractional Order Controller for Frequency Regulation in Restructured Environment	S.Jennathu Beevi, R Jayashree and Dr. A. Peer Fathima	S.Jennathu Beevi	B.S.Abdur Rahman Crescent Institute of Science and Technology
119	Feasible Settlement Process for Primary Market using Distributed Slack Power Flow Formulation	Ruby Vincy Roy F, Peer Fathima A and Arunachalam Sundaram	Ruby Vincy Roy F	VIT Chennai
120	Implementation of Rectified Inverted Sine Hybrid Pulse Width Modulation strategy for Quasi Impedance Source Cascaded Multilevel Inverter	<u>R.Seyezhai Ramalingam</u>	R.Seyezhai	SSN College of Engineering
126	Delicate Flower Pollination Algorithm for Optimal Power Flow	Dhivya S and Arul R	Dhivya S	VIT Chennai
127	Optimization of Electric Field Distribution along a 400kV Composite insulator	Archana C and Usha K	Archana C	SSN College of Engineering
129	Effect of Stray Capacitance in location of Inter disc Fault in Transformer Winding	Usha K and Usa Savadamuthu	Usha K	SSN College of Engineering
145	Investigations on Salp Swarm Algorithm to solve Combined Heat and Power Economic Dispatch	Arunachalam Sundaram, Peer Fathima A, Stella Morris and Ruby Vincy Roy F	Arunachalam Sundaram	Jubail Industrial College, Al Jubail 31961, Kingdom of Saudi Arabia
147	A Review on Topological aspects of Transformer less Dynamic Voltage compensators	Mohanasundaram Ravi and Chendur Kumaran R	Mohanasundaram Ravi	VIT Chennai
152	Lighting Design for a Campus Hostel Building Using Single Stage Efficient Buck LED driver	Srimathi R, Kishore Eswaran, Hemamalini S and Kamatchi Kannan V	Srimathi R	VIT Chennai



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## School of Electrical Engineering

### 2nd International Conference on Power Engineering Computing and CONTROL (PECCON 2019)

#### Session11:

Date: 14<sup>th</sup> December 2019

Time: 02:00 pm – 03:00 pm

Venue: **ABI 101**

Paper ID	Title	Authors	Corresponding Author	Institute
32	Survey on Crime Analysis and Prediction Using Data Mining and Machine Learning Techniques	Saravanan Parthasarathy, L.Arun Raj, Selvaprabu Jeganathan, A.Abdul Azeez Khan and K.Javubar Sathick	Saravanan Parthasarathy	B.S.Abdur Rahman Crescent Institute of Science and Technology
96	Ontology based crime investigation process - A Review	Venkata Srimukh Pampana and Shridevi S	Venkata Srimukh Pampana	VIT Chennai
100	Semantic technology approach in machine learning	Rachana L and Shridevi S	Rachana L	VIT Chennai
101	Variation-Tolerant In-Memory Digital Computations Using SRAM	Omkar Kichchannagari, Gracin D, Ravi Visvanathan and Vigneswaran T	Omkar	VIT Chennai
103	Defect detection and defect tolerant design of a Multi-port SRAM	Sushmitha R, Nisha O R, Ravi Visvanathan and Vigneswaran T	Sushmitha R	VIT Chennai
130	Graphical Model and Model Search for Medical Data Analysis	Naimish P. Mehta, Menaka Radhakrishnan, Arathy S Prasad and Thanga Aarthi Manoharan	Naimish P. Mehta	VIT Chennai
82	Hardware Security for DSP Circuits using Key-Based Time Dependent Obfuscation	Uma Rani R, Jayanthi D, Sudharsan Jayabalan and Arun Vignesh N	Jayanthi D	Gokaraju Rangaraju Institute of Engineering and Technology
110	Half Mode Substrate Integrated Waveguides (HMSIW) Bandpass Filters - A Review	Jeba Saral Darling and Velmathi Guruvaiah	Jeba Saral Darling	VIT Chennai
149	Forecasting US Presidential Election 2016 using Regression Models and Sentimental Analysis	V Pattabiraman and Sajjad Saif Gazali	Pattabiraman V	VIT Chennai