

## Department of Electrical and Electronics Engineering

### Details of Research Paper Presentations (2016 -2017)

S. No.	Name(s) of the Faculty	Title of the Paper	Name of the Conference	Date(s)	Organized by or Venue	National / International	Awards Recognition if any
<b>Project Expo</b>							
1.	Dr. P. Deiva Sundari, Mr. S. Balaji	Wireless Power Transfer	SWITCH 2016 - Innovation & Technology Summit	07/10/2016 to 09/10/2016	Gujarat State Council for Science and Technology, Vadodara, Gujarat	International	Presented
2.	Dr. P. S. Mayurappriyan	Low Voltage DC Ceiling Grid	SWITCH 2016 - Innovation & Technology Summit	07/10/2016 to 09/10/2016	Gujarat State Council for Science and Technology, Vadodara, Gujarat	International	Presented
3.	Mr. M. Preshnave	Design Of Location And Passenger Monitoring System In Indian Railway	SWITCH 2016 - Innovation & Technology Summit	07/10/2016 to 09/10/2016	Gujarat State Council for Science and Technology, Vadodara, Gujarat	International	Presented

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<b>Project Expo</b>							
4.	Ms. D. Saravanakamalam	Energy Monitoring and Management Using IoT	SWITCH 2016 - Innovation & Technology Summit	07/10/2016 to 09/10/2016	Gujarat State Council for Science and Technology, Vadodara, Gujarat	International	Presented
5.	Mr .S. Balaji	Poster presentation titled: A Novel Inductive Power Transfer System for Wireless Charging of Electric Vehicle	India International Science Festival- IISF-Young Scientists' Conclave (YSC).	07/12/2016 to 11/12/2016	CSIR- National Physics Laboratory, Delhi	International	Presented
<b>Proposal Presentations</b>							
1.	Mr. S. Rubin Bose	The Foldable Aerial Vehicle	Aeronautical Research & Development Board (SIGMA PANEL)	05/08/2016	Defense Research and Development Organization	International	Presented
2.	Mr. S. Subash Chandra Bharathi	The Foldable Aerial Vehicle	Aeronautical Research & Development Board (SIGMA PANEL)	26/12/2016	Defense Research and Development Organization	International	Presented

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S. No.	Name(s) of the Faculty	Title of the Paper	Name of the Conference	Date(s)	Organized by or Venue	National / International	Awards Recognition if any
<b>Paper Presentation</b>							
1.	Mr. Arun Venkatesh. J, Ms. Swethamarai. P	Comparison of DVR and D-Statcom for Harmonic Compensation based on Non-Iterative optimization Algorithm	International Conference on Recent Innovations in Science, Engineering and Management (RISEM - 16)	16/09/2016	Institution of Engineers, Delhi	International	Presented
2.	Ms. A. V. Suganya	A Cascaded Multilevel Inverter using Series Connection of Submultilevel inverter	International Conference on Emerging Trends in Electrical Electronics and Communication Systems (ICEEECS'16)	24/09/2016 to 26/09/2016	ANNA UNIVERSITY TRICHY	International	Presented
3.	Ms. Swethamarai. P, Mr. Arun Venkatesh. J, Ms. A.V. Suganya	Transformer less rectifier using single -level single switch control-	International Conference on Emerging Trends in Electrical Electronics and Communication Systems (ICEEECS'16)	24/09/2016 to 26/09/2016	ANNA UNIVERSITY TRICHY	International	Presented

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4.	Mr. Arun Venkatesh. J, Ms. Swethamarai. P	Comparison of DVR and D-STATCOM for Harmonic Compensation based on Non Iterative optimization Algorithm	8th International Conference on Recent Innovations in Science, Engineering and Management (RISEM - 16)	21/10/2016	(IFUNA) Indian Federation of United Nations Associations, Qutab Institutional Area, New Delhi (India)	International	Presented
5.	Ms. Annes.J, Ms. Ammal Dhanalakshmi. M, Ms.Arun Venkatesh. J and Ms.Keerthana Paul	Design of Standalone Hybrid Lighting System	8th International Conference on Recent Innovations in Science, Engineering and Management (RISEM - 16)	21/10/2016	(IFUNA) Indian Federation of United Nations Associations, Qutab Institutional Area, New Delhi (India)	International	Presented
6.	Mr. N. Loganathan	Embodied Conservational Agents based Home automation using FPGA	International Conference on Electrical Electronics Instrumentation and Computer Communication (E2IC2)-2016	09/12/2016 to 10/12/2016	Karpagam College of Engineering, Coimbatore	International	Presented

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### Research Paper Publications by the Faculty in Conference (2015-16)

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Date	Organized by or Venue	National / International	Awards or Recognition if any
1.	Dr. Deiva Sundari P	A Comparison of Existing MPPT Techniques for a PV system with Interleaved Converter	International Conference on Intelligent Computing and Applications ICICA '15	05/02/2016 to 06/02/2016	KCG College of Technology	International conference	Presented
2.	Dr. Deiva Sundari P	Bisection Method Based Modified Perturb and Observe MPPT Algorithm for a PV Generation System with an Interleaved, Isolated DC-DC Converter	International Conference on Intelligent Computing and Applications ICICA '15	05/02/2016 to 06/02/2016	KCG College of Technology	International conference	Presented
3.	Dr. Deiva Sundari P	Analysis and Implementation of MPPT Algorithm for a PV System with High Efficiency Interleaved Isolated Converter	International Conference on Intelligent Computing and Applications ICICA '15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented

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S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Date	Organized by or Venue	National / International	Awards or Recognition if any
4.	Dr. Mayurappriyan P S	Distinct Exploration on Two-Level and Hybrid Multilevel Converter for Stand-alone Solar PV Systems	International Conference on Intelligent Computing and Applications ICICA '15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented
5.	Dr. Mayurappriyan P S	Dynamic Scheduling of Machines Towards the Vision of Industry 4.0 Studio – A Case Study	International Conference on Intelligent Computing and Applications ICICA '15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented
6.	Dr. Mayurappriyan P S	Distributed Generator Placement and Sizing Based on Genetic Algorithm	International Conference on Intelligent Computing and Applications ICICA '15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented
7.	Ms.Saravanakamalam D	Study on LLC Resonant Converter for EMI Reduction	International Conference on Intelligent Computing and Applications ICICA '15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented

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S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Date	Organized by or Venue	National / International	Awards or Recognition if any
8.	Mr. Vinoth K	FPGA Based Digital Multicarrier Offset PWM Method for Asymmetrical Thirteen Level Inverter for Solar PV	International Conference on Intelligent Computing and Applications ICICA'15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented
9.	Mr. ArunVenkatesh J Mr. Loganathan N	A Robust Energy Management System for Smart Grid	International Conference on Intelligent Computing and Applications ICICA'15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented
10.	Mr. M. Preshnave Mr. Pradeep S	Adaptive Control Technique for Generator Side Power System Voltage Stability at Wind Power Station	International Conference on Intelligent Computing and Applications ICICA'15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented
11.	Ms. M. Ammal Dhanalakshmi Ms. Keerthana Paul Ms. Parani Ganesh M	Analysis of Optimum THD in Asymmetrical H Bridge multi-level Inverter using HPSO Algorithm	International Conference on Intelligent Computing and Applications ICICA'15	05/02/2016 To 06/02/2016	KCG College of Technology	International conference	Presented

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S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Date	Organized by or Venue	National / International	Awards or Recognition if any
12.	Ms. R. Gayathri Mr. M. Preshnave	A Novel Technique for Adaptive Filtering and Compression of fetal cardiocography using system generator	International Conference on Electrical, Electronics & Optimization Techniques (ICEEOT 2016)	03/03/2016 to 05/03/2016	DMI college of Engineering	International conference	Presented
13.	Mr. Rajesh S Mr. Balaji Mr. Arun Venkatesh J	An Inductor less DC-DC Voltage Magnifier for Solar Photovoltaic System	International Conference on Electrical, Electronics & Optimization Techniques (ICEEOT 2016)	03/03/2016 to 05/03/2016	DMI college of Engineering	International conference	Presented
14.	Ms. J Agnus Jenith	Implementation of multiple input multiple output switched capacitor voltage copier circuit for automotive applications	International Conference on Electrical, Electronics & Optimization Techniques (ICEEOT 2016)	03/03/2016 to 05/03/2016	DMI college of Engineering	International conference	Presented
15.	Mr. S. Subash Chandra Barathi Ms. J Agnus Jenith	Implementation of novel piezoelectric transformer based DC-DC converter for high power applications	National conference on Renewable Power Generation	04/03/2016 to 05/03/2016	Sree Sastha Engineering College	National conference	Presented



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16.	Ms. M. Ammal Dhanalakshmi	A multistage isolated DC-DC Converter for street lighting	National Conference on Recent Trends in Engineering	12/03/2016	PB Engineering College	National conference	Presented
17.	Mr. Rajesh S	An inductor-less NX DC chopper based speed control of DC driver	National Conference on Recent Trends in Engineering	12/03/2016	PB Engineering College	National conference	Presented
18.	Ms. J. Annes	Intergrated DC – DC boost converter for solar applications	National Conference on Advances in Electrical & Electronics Engineering NCAEEE 2016	21/03/2016 to 22/03/2016	Sri Venkateshwara College of Engineering	National conference	Presented
19.	Mr. S. Subash Chandra Barathi	Implementation of novel piezo electric transformer based DC-DC Converter for high power applications	National Conference on Advances in Electrical & Electronics Engineering NCAEEE 2016	21/03/2016 to 22/03/2016	Sri Venkateshwara College of Engineering	National conference	Presented
20.	Ms. V. Ramya	Design of low complexity adjustable filter bank for personalized hearing aid solutions	National Conference on Advances in Electrical & Electronics Engineering NCAEEE 2016	21/03/2016 to 22/03/2016	Sri Venkateshwara College of Engineering	National conference	Presented

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S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	Date	Organized by or Venue	National / International	Awards or Recognition if any
21.	Dr. Mayurappriyan P S	Design and Implementation of a Novel Multilevel Inverter for Switched DC Sources	6 <sup>th</sup> International Conference on Science and Innovative Engineering	03/04/2016	Jawahar Engineering College	International conference	Presented
22.	Dr. Mayurappriyan P S	Impact of Low Voltage Ride Through Issues in Grid Connected Wind Turbine Driven Squirrel Cage Induction Generator	6 <sup>th</sup> International Conference on Science and Innovative Engineering	03/04/2016	Jawahar Engineering College	International conference	Presented
23.	Dr. Mayurappriyan P S Ms. R. Gayathri Mr. M. Preshnave	Dynamic analysis of wind turbine driven DFIG – a literature review	International Conference on Artificial Intelligence and Evolutionary Computations in Engineering System	19/05/2016 to 21/05/2016	SRM University	International conference	Presented