

### News Bulletin January 2016 to May 2016

#### About us:

In 1998 Electrical & Electronics Engineering department was established. And further the course of M.E – Power Electronics and Drives has been instigated in the academic year 2011- 2012. The department has well equipped laboratory with qualified and experienced faculty members including specialization in various fields of knowledge. Our department provides students with a fundamental background in the basic theoretical concepts and technological principles of modern electrical engineering. A flexible curriculum allows students to emphasize a wide variety of subject areas within the field.

A common effort of electrical engineers is to make components smaller, faster, more energy efficient

#### VISION

To be recognized as centre of excellence in Electrical and Electronic Engineering, contribution to the needs of stakeholders.

#### MISSION

To impart quality education through comprehensive exposure, value additions and effective teaching learning process.

To facilitate learning environment in view of challenges in the field of Electrical and Electronics Engineering.

To provide platform for students to update the contemporary knowledge with professional quality and commitment to lifelong learning.

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#### Conference / Workshop/ FDP (Faculty):

- ❖ B.Muthuselvi, Assistant Professor and D.Jayaraj Assistant Professor are participated in the One Day Faculty Development Programme on “Power Flow Solutions& Demo on CYME Power Engineering” organized by Department of Electrical and Electronics Engineering, Sri Sairam Engineering college, Chennai 15<sup>th</sup> to 27<sup>th</sup> January 2016.
- ❖ D.Jayaraj, Assistant Professor and E.Muthukumaran Assistant Professor has participated in the One Day Workshop on “Trends in Biomedical Engineering,” organized by Department of Instrumentation and Control Engineering, National Institute of Technology, Trichy on 22<sup>nd</sup> and 23<sup>rd</sup> February 2016.
- ❖ S.Pandiarajan, Assistant Professor has participated in the Two Days Faculty Development programme on “Electrical Machine Design” organized by Department of Electrical and Electronics Engineering, Kings College of Engineering, Pudukkottai from 25th April 2016.
- ❖ P.Yoganathan, Assistant Professor has presented a paper titled “THD minimization of multilevel inverter using digital control strategy” in national conference organized by department of Electrical and Electronics Engineering, Kumaraguru College of Technology, Coimbatore on 2<sup>nd</sup> march 2016.
- ❖ D.Jayaraj, Assistant Professor has participated in the “Educators Day 2016” organized by National Instruments Chennai, on 2016.

**Conference / Paper Presentation / Workshop / Events attended by the Students:**

- ❖ M.Mohamed Hakkim, M.Saleem Khan, M.Mohamed Faisal & R.Niyas Ahamed third Year EEE students participated in the “One day hands on training on MATLAB for industrial application” organized by the Department of EEE & EIE, Chettinad College of Engineering & Technology, Karur on 19.02.2016.
- ❖ S.Sudhakar, K.Manikandan, V.Vignesh, B.Priyanka, V.Dhivya, V.Jeyalakshmi, V.Pothum Ponnu, S.Subika, M.Elakkiya, S.Pavithra, A.Kavisurya & J.Jayasri final Year EEE students participated in the National Level Technical Symposium in the event of “Solar Technology & Power Converter Design” (CURRENTS’16) organized by the Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli on 18<sup>th</sup> to 21<sup>st</sup> February 2016.
- ❖ M.Aruputha, S.Usharani & R.Kiruthiga third Year EEE students participated in the National Level Technical Symposium in the event of Solar Technology & Power Converter Design (CURRENTS’16) organized by the Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli on 18<sup>th</sup> to 21<sup>st</sup> February 2016.
- ❖ K.Azarab Ali, T.Mohamed Belal & N.Mohammedu final Year EEE students has participated in the two days National Level workshop in “Evolutionary Algorithms and its applications” Organized by the Department of Electrical & Electronics Engineering, Kamaraj College of Engineering and Technology, Virudhunagar on 19<sup>th</sup> & 20<sup>th</sup> February 2016.
- ❖ V.Adhimoolam, T.Mohammed Belal, N.Mohammedu, R.Venkadesan & K.Azarab Ali final Year EEE students has participated in the one day National Level workshop in “Hands on training Genetic Algorithm and Optimization Techniques using MATLAB” Organized by the Department of Electrical & Electronics Engineering, KPR Institute of Engineering and Technology, Coimbatore on 26<sup>th</sup> February 2016.
- ❖ M.Divan Mydeen & N.Mohamed Furkhan third Year EEE students participated in the National Conference on Enhancing Intelligence in Technical Aspects (EITA’16) and presented a paper entitled of “Green Energy Technology” organized by the Department of Electrical and Electronics Engineering, K.Ramakrishnan College of Technology, Samayapuram on 2<sup>nd</sup> March 2016.
- ❖ D.Priya & R.Kiruthiga third Year EEE students participated in the National Conference on Enhancing Intelligence in Technical Aspects (EITA’16) and presented a paper entitled of “Energy Conservation and Auditing” organized by the Department of Electrical and Electronics Engineering, K.Ramakrishnan College of Technology, Samayapuram on 2<sup>nd</sup> March 2016.
- ❖ A.Loheswaran, G.Kannan, M.Mohamed Hussain & N.Manirajan second Year EEE students participated under the guidance of J.Gopi, A.P / EEE in the National level “PROJECT EXPO’ 2K16” and project entitled of “Solar based operates soldering iron with hybrid system” organized by the Department of Electrical and Electronics Engineering, University College of Engineering, Ariyalur on 17<sup>th</sup> March 2016.
- ❖ E.Avinash II Year M.E - P.E.D student has participated in the IEEE International Conference on Circuit, Power and Computing Technologies - 2016 (ICCPCT’2016) and presented a paper entitled “A New Variable Frequency Inverted Sine Carrier PWM Modulated Semi – Cross Switched Multilevel Inverter Topologies” organized by Department of Electrical and Electronics Engineering, Noorul Islam Center for Higher Education, Noorul Islam University, Kanyakumari on 18<sup>th</sup> & 19<sup>th</sup> March 2016.
- ❖ M.Sammil II Year M.E - P.E.D student has participated in the IEEE International Conference on Circuit, Power and Computing Technologies - 2016 (ICCPCT’2016) and presented a paper entitled “Optimal Structures For Cascaded H-Bridge Inverter Topologies” organized by Department of Electrical and Electronics Engineering,

Noorul Islam Center for Higher Education, Noorul Islam University, Kanyakumari on 18<sup>th</sup> & 19<sup>th</sup> March 2016.

- ❖ S.Abinaya II Year M.E - P.E.D student has participated in the 2<sup>nd</sup> International Conference on Emerging Enhancement in Engineering and Technology (ICEEET'16) and presented a paper entitled “ A Parallel Snubber Capacitor Based High Step Up Isolated Bidirectional Full Bridge Dc To Dc Converter” organized by Indira Ganesan College of Engineering, Tiruchirappalli on 18<sup>th</sup> & 19<sup>th</sup> March 2016.
- ❖ K.Sharmila Banu II Year M.E - P.E.D student has participated in the 2<sup>nd</sup> International Conference on Emerging Enhancement in Engineering and Technology (ICEEET'16) and presented a paper entitled “ A Resonant Push Pull Converter Topology For Renewable Sources Using Bi-Directional Switch” Organized By Indira Ganesan College Of Engineering, Tiruchirappalli on 18<sup>th</sup> & 19<sup>th</sup> March 2016.

Topology” organized by Indira Ganesan College of Engineering, Tiruchirappalli on 18<sup>th</sup> & 19<sup>th</sup> March 2016.

- ❖ M.Sobana II Year M.E - P.E.D student has participated in the 2<sup>nd</sup> International Conference on Emerging Enhancement in Engineering and Technology (ICEEET'16) and presented a paper entitled “ A High Step Up Voltage Gain DC – DC Active Network Converter” organized by Indira Ganesan College of Engineering, Tiruchirappalli on 18<sup>th</sup> & 19<sup>th</sup> March 2016.
- ❖ M.Sathish III Year EEE student has participated in the National Level Technical Symposium (ESHOCK-2k16) in the event of technical quiz and won First prize in Shanmuganathan Engineering College, Pudukkottai on 2<sup>nd</sup> April 2016.

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- ❖ R.Prithivi II Year M.E - P.E.D student has participated in the 2<sup>nd</sup> International Conference on Emerging Enhancement in Engineering and Technology (ICEEET'16) and presented a paper entitled “A New Soft Switching Series AC – Link Inverter With Reduced