

News Bulletin June 2015 to December 2015

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 and economic.

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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Guest lecture conducted by EEE Department:

- ❖ The department of Electrical & Electronics Engineering organized one day Guest lecture entitled “Recent Trends In Power System” on 31st July 2015. Dr.P.Sivakumar, Associate Professor/ EEE, Rajalakshmi Engineering College, Chennai, delivered this lecture.



- ❖ The department of Electrical & Electronics Engineering organized one day Guest lecture entitled “Role of Power Electronics in Electrical Applications” on 12th August 2015. K.Sathiyarayanan, B.E., Service Head (South Zone), EMT Megatherm Pvt. Ltd, Chennai delivered this lecture.



Conference / Workshop/ FDP (Faculty):

- ❖ G.Gurumoorthy, E.Muthukumar, K.Arunkumar, S.Samaya Sanjeevi and S.Rajasekar. Assistant Professor has participated in the seven days Faculty Development programme on “Flexible AC transmission systems” organized by Department of Electrical and Electronics Engineering, SSN college of Engineering Chennai from 30th November to 6th December 2015.
- ❖ S.Pandiarajan, Assistant Professor has participated in the two days National Level Technical Seminar on “Design, Modeling and Control of Electrical Machines using Artificial Intelligence” organized by National Engineering College, Kovilpatti from 28th & 29th October 2015.
- ❖ S.Pandiarajan, Assistant Professor has participated in the two days Workshop on “Embedded Engineering Solutions for Automation” organized by Anna University of Technology Trichy from 14th & 15th October 2015.

Publication by the Faculty Members

- ❖ Mr.E.Muthukumar, Assistant Professor & two other authors published a paper entitled “Optimal Capacitor Placement in Radial Distribution Feeders Using Fuzzy-Differential Evolution for Dynamic Load Condition” Vol.36, Issue.4, pp: 363-370, 2015 in the Journal of Electrical Engineering.
- ❖ Dr. L. Jebaraj, Associate Professor published a paper entitled “A New Multi Level Dc Link Inverter Topology with Variable Frequency Inverted Sine Carrier PWM under Equal Switching Transition” DOI: 10.1109/ICIECS.2015.7193229 in IEEE.
- ❖ Dr. L. Jebaraj, Associate Professor published a paper entitled “Voltage And Real Power Loss Analysis Incorporating Ce-Sssc Withvs-Svc Combination Through Fruit Fly Optimization”. Volume 10, 2015,Art. #7, pp. 55-72 in the journal of WSEAS Transactions on Power Systems.

- ❖ Mr. D.Tamilselvan, Assistant Professor published a paper entitled “Input Current Ripple Reduction Based Boost Converter through T-Filter Network” DOI: 10.1109/ICIECS.2015.7193109 in IEEE.
- ❖ Mrs. B.Muthuselvi Assistant Professor published a paper entitled “A Novel Five Level Inverter with Reduced Switches for Dc–Ac Conversion” Volume-8 • Number-2 Jun -Dec 2016 pp. 41-46 in the journal of CS JOURNALS.
- ❖ Mr. K.Arunkumar Assistant Professor published a paper entitled “Static Var Compensation Using Multilevel Inverter” Volume-8 • Number-2 Jun -Dec 2016 pp 32-35 in the journal of CS JOURNALS.
- ❖ Mr. S.Samaya Sanjeevi Assistant Professor published a paper entitled “Input Current Ripple Reduction Based Boost Converter through T-Filter Network” Volume-8 • Number-2 Jun -Dec 2016 pp. 36-40 in the journal of CS JOURNALS.
- ❖ Mr. E.Muthukumar Assistant Professor published a paper entitled “A Novel Five Level Inverter with Reduced Switches for Dc–Ac Conversion” Volume-8 • Number-2 Jun -Dec 2016 pp. 41-46 in the journal of CS JOURNALS.
- ❖ Mr. D.Jayaraj Assistant Professor published a paper entitled “Static Var Compensation Using Multilevel Inverter” Volume-8 • Number-2 Jun -Dec 2016 pp.32-35 in the journal of CS JOURNALS.

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

- ❖ A.Kausar Raza, V.Vignesh & K.Murali Krishnan final Year EEE students are undergone the inplant training at Uniq Technologies, Chennai on 12.07.2015.
- ❖ A.Kausar Raza, V.Vignesh & K.Murali Krishnan final Year EEE students participated in the ANDROID Workshop organized by the Uniq Technologies, Chennai on 13.07.2015.

- ❖ J.Jayasri, S.Pavithra, M.Elakkiya, A.Kavisurya & V.Jeyalakshmi final Year students are undergone the inplant training in 230/110 KV Sub Station located at Alundur, Trichy from 13.07.2015 to 17.07.2015.
- ❖ P.M.Abdul Hameed, A.Kausar Raza, M.Mohamed Asarudeen, A.J.Mohamed Riyas, A.Mohamed Abdullah & Z.Ahamed Zaheer final Year EEE students participated in the practical training on LED light product manufacturing organized by the Sri Eshwar College of Engineering, Coimbatore on 04.09.2015.
- ❖ R.M.Marxia & A.Meena final Year EEE students has participated & won first prize (Rs.750/-) in the event of paper presentation at 17th National Level Technical Symposium (SPARK 2K15) conducted by EETA and presented a paper entitled of “Speed Based State Of Charge Tracking Control For Metro Trains With On board Super Capacitor” organized by J.J. College of Engineering and Technology, Trichy on 30th September 2015.
- ❖ G.Ramya IV Year EEE student participated in the event of “Circuit Debugging” 17th National Level Technical Symposium (SPARK 2K15) conducted by EETA in J.J. College of Engineering and Technology, Trichy on 30th September 2015.

- ❖ E.Avinash & M.Samiil, final Year M.E P.E&D students has participated in the one day seminar on “Challenges and Research Perspectives in Renewable Energy Systems” Organized by the Department of Electrical & Electronics Engineering, Kongu Engineering College (Autonomous), Perundurai, Erode on 1st October 2015.
- ❖ E.Avinash & M.Samiil, final Year M.E P.E&D students has participated in the one day National Level workshop in “MODELLING AND SIMULATION OF POWER SYSTEMS IN MICROGRID ENVIRONMENT” Organized by the Department of Electrical & Electronics Engineering, PSG College of Technology, and Coimbatore on 14th October 2015.

PUBLICATIONS

BOOKS

- Mr. R.Saravanan Assistant Professor EEE published the following books in Lakshmi Publications Chennai during Nov 2015; “Electrical Machines-I and Electrical Machines-II”

PLACEMENT ACTIVITIES

6 Companies recruited students from our department in the recruitment drives conducted during June to December 2015, A total of 35 placement have been arranged so far.

Published by :

Chief Editor :

Editors :

Technical Support :