

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:



The department of Electrical and Electronics Engineering organized one day Guest lecture entitled “**Future scope in power system**” for Final year students on 19th June 2018. Dr.R.M.Sasiraja, Associate Professor, Sethu Institute of Technology, Virudhunagar.

Publication by Faculty:

- ❖ Mr.D.Tamilselvan, A.Abirami, Assistant Professor published a paper entitled “Implementation of fly back micro inverter with dual transformer to achieve High Efficiency for photovoltaic applications”, in Global journal of Engineering Science Researches), Vol.17, Issue.4, pp: 193 – 204, 2018.
- ❖ Ms.A.Abirami, AP and Mrs.B.Muthuselvi, Assoc.Prof., published a paper entitled “Single Phase Cascaded Half Inverter based on photovoltaic applications”, International Journal Electronics Engineering , Vol.17, Issue.2, pp: 715 – 719, 2018.
- ❖ Mrs.B.Muthuselvi, Assoc.Prof., A.Abirami Assistant Professor published a paper entitled “Newly Configured High Step up Chopper with coupled inductor and voltage doubler circuits”, International

Journal Electronics Engineering , Vol.10, Issue.2, pp: 720 – 725, 2018.

- ❖ G.Gurumoorthy, Assistant Professor published a paper entitled “ANFIS Based fault current limiter with energy management system”, International Journal of scientific Research and review, Vol.7, Issue.9, pp: 528 – 535, 2018.
- ❖ Dr.U.Sureshkumar, Professor published a paper entitled “Horizontal Axis Sun Tracking System is implemented through Arduino Microcontroller for Rural Healthcare Buildings”, International journal of scientific Research and review, Vol.7, Issue.12, pp: 777 – 789, 2018.
- ❖ Dr.M.Vijayarathy, Professor published a paper entitled “An Improved Way to Compute Depth Maps for Multi-View Videos”, **IJRECE VOL. 6 ISSUE 4 2018.**

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

- ❖ M.Elansezhian, P.Farookdeen, P.Manikandan, third Year EEE students participated in the IEEE Sponsored National Level Technical Symposium(KRYPTO-18) organized by the Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli on 2nd August 2018.
- ❖ S.Salmankhan & K.M.Mohammed Mufasil Mufeeth from final year EEE participated in the event “**Paper Presentation**” in the National level Technical Symposium, Gnanamani College of Technology, Namakal on 30th August 2018.
- ❖ S.Sowndharya & B.Prakash from final year EEE participated in the event “**Paper Presentation**” and won second prize in the National level Technical Symposium, Gnanamani College of Technology, Namakal on 30th August 2018.
- ❖ M.Jayabalan & M.Manimaran from final year EEE has participated in the National level Technical Symposium,(ELENTRUS-2K18) M.A.M College of Engineering ,Trichy on 31st August 2018.

- ❖ B.Prakash, C.M. Kirubanethi & W.Leoantony from third year EEE participated in the “**XEMPLAR’18**” National level Technical Symposium organized by Department of Electrical and Electronics Engineering, Velammal Institute of Technology, Ponneri on 7th September 2018.
- ❖ M.S.Mohamed Mustaq, M.Mohamed Yaseer, S.Ameersuhail, E.Muthumari, R.Rubi, J.Nandhini from Final year EEE students participated in one day National Level Workshop on “**HANDS ON TRAINING in Advanced Embedded Systems**” Organized by the Department of Electrical & Electronics Engineering, K.Ramakrishnan College of Engineering, Samayapuram on 7th September 2018.
- ❖ P.Manikandan & N.Kalaiarasu from Third year EEE has participated in the National level Technical Symposium, (ELECTROVATARZ-2K18) PRIST University,Thanjavur on 19th September 2018.
- ❖ P.Manikandan & D.Salmankhan from third year EEE participated in the event “**Tech Hunt**” and won first prize in the National level Technical Symposium, Mookambhigai College of engineering, Pudukkottai on 28th September 2018.
- ❖ S.Brito & S.Sujith from third year EEE participated in the event “Mr.Hide world” and won first prize in the National level Technical Symposium, Mookambhigai College of engineering, Pudukkottai on 28th September 2018.
- ❖ N.Kalaiarasu& S.Mohammed Aslam from third year EEE participated in the event “**Tech Hunt**” and won Third prize in the National level Technical Symposium, Mookambhigai college of engineering, Pudukkottai on 28thSeptember 2018.
- ❖ B.Govindaraj, J.Mohamed Asik, G.Vinoth, S.Ameer suhail from final year EEE has undergone Inplant training in Central Workshops, Southern railway, Ponmalai during the period from 17.12.2018 to 22.12.2018.

- ❖ S.Sowndharya & B.Prkash from final year EEE has participated in the event “**Paper Presentation**” and won second prize in the National level Technical Symposium, Gnanamani College of technology, Namakal on 30th August 2018.
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Industry based value added course:

Value added course on “**Power system Planning and Reliability**” have been conducted for III year students by department of Electrical and Electronics Engineering during July 2018 to September 2018. All the students learnt the basic concept of the courses. Effectiveness of the Value added courses were found good and well utilized. Student’s feedback was found good and appreciated for the efforts made. S.Pandiyarajan, AP/EEE, K.Arunkumar, AP/EEE and

E.Muthukumar, AP/EEE handled both theory and practical sessions.

The examination on the course was held on 04-04-2018. In which 80% of the students have secured 66-85 marks and 20% secured 50-65 marks.