

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.

Guest lecture:

- ❖ The department of Electrical and Electronics Engineering organized one day Guest lecture entitled “Transmission & Distribution” for Second year students on 19th January 2018. Mr.R.Dhinakaran, Assistant Engineer, T.N.E.B. Erode delivered this lecture.



Technical Symposium:

- ❖ The department of Electrical and Electronics Engineering organized and conducted a National Level Technical Symposium (E3SPARTA'18) on 24th February 2018. Guest speaker and Jury for paper presentation Dr. M. Bala Singh Moses, M.E, Ph.D., Head of the Department, Department of Electrical and Electronics Engineering, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli- 620024 delivered the key note address. Various events were conducted for exhibiting the technical skills of the participants from various colleges across the state. Dr. M. Bala Singh Moses selects the winners and distributes the prizes to winners.



Publication (Faculty):

- ❖ Dr.L.Jebaraj, Professor & Head with two other authors are published a paper entitled “Performance Comparison Of TCSC And Split TCSC Under ATC Enhancement Through Plant Root Foraging Algorithm”, in Journal of Electrical Engineering (Annexure - I), Vol.17, Issue.4, pp: 193 – 204, 2018.
- ❖ J.Gopi, Assistant Professor has participated in the International Conference on Energy, Environment and Industrial Safety (ICEEIS- SALVATIO’18) and presented a paper entitled of “Design Of High Efficient DC – DC Converter For Solar Based Electric Vehicle Battery Charging Application” organized by Department Applied Science and Technology, A.C.Tech, Anna University, Chennai on 22nd & 23rd February 2018.

Conference / Paper Presentation / Workshop / Events attended (Students):

- ❖ S.Shahana Begam, M.Mohamed Thagir, third year EEE and Y.Antony Sevlam final year EEE student has undergone the training on “Introduction To AUTOCADD” at CADD Centre in Trichy Junction from 26th to 28th January 2018.

- ❖ S.Shahana Begam, S.Ashika & M.Mohamed Thagir from third year EEE has participated in the “SCADA” National level Technical Symposium organized by Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli on 30th January 2018.
- ❖ M.Kirubaaneethi, B.Mohamed Nabil, M.Sivakumar and M.Mohamed Mustak Ali from third year EEE have presented a paper in National Level students Technical Symposium (KALINGA’18) in SNS College of Engineering, Coimbatore on 31st January and 1st February 2018.
- ❖ M.Kirubaaneethi, B.Mohamed Nabil, M.Sivkumar and M.Mohamed Mustak Ali from third year EEE has participated in the “Emerging Trends In TIMSP430 Microcontroller” National Level students Technical Symposium organized by SNS College of Engineering, Coimbatore on 1st February 2018.
- ❖ M.Kirubaaneethi and M.Mohamed Mustak Ali from third year EEE has participated in the “Emerging Trends In TIMSP430 Microcontroller” National Level students Technical Symposium organized by SNS College of Engineering, Coimbatore on 1st February 2018.
- ❖ M.Sivakumar and B.Mohamed Nabil from third year EEE has participated in the “Best Manager” National Level students Technical Symposium organized by SNS College of Engineering, Coimbatore on 1st February 2018.
- ❖ S.Shahana Begam & M.Mohamed Thagir from third year EEE has participated in the event “Electro Buzz” and won first prize in the National level Technical Symposium, Sudharsan Engineering college, Pudukkottai on 2nd February 2018.

- ❖ B.Prakash & S.Ashika from third year EEE has participated in the event “Electro Buzz” and won second prize in the National level Technical Symposium, Sudharsan Engineering college, Pudukkottai on 2nd February 2018.
- ❖ S.Shahana Begam & M.Mohamed Thagir from third year EEE has participated in the event “Paper Presentation ” and won first prize in the National level Technical Symposium, Sudharsan Engineering college, Pudukkottai on 2nd February 2018.
- ❖ S.Shahana Begam & M.Mohamed Thagir from third year EEE has participated in the event “Technical Quiz” and won Second prize in the National level Technical Symposium, Sudharsan Engineering college, Pudukkottai on 2nd February 2018.
- ❖ C.M.Kirubaanethi, A.Anif Nabi, J.Mohamed Asik, I.Haja Mohamed Irfan & M.Noorul Ameen third Year EEE students participated in the National Level Technical Symposium in the event of “PCB Design Workshop” (CURRENTS’18) organized by the Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli on 15th to 18th February 2018.
- ❖ C.M.Kirubaanethi, A.Anif Nabi, J.Mohamed Asik, I.Haja Mohamed Irfan, S.Salman Khan, D.Nancy & M.Noorul Ameen third Year EEE students participated in the National Level Technical Symposium in the event of “Renewable Energy Systems Workshop” (CURRENTS’18) organized by the Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli on 15th to 18th February 2018.
- ❖ S.Salman Khan third Year EEE student participated in the National Level Technical Symposium in the event of “Smart Grids Workshop” (CURRENTS’18) organized by the Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli on 15th to 18th February 2018.
- ❖ M.S.Mohamed Mustaq, W.Leo Antony from third year EEE students and N.Manirajan,G.Kannan from final Year EEE students are participated in the two days National Level Workshop on “Hands On Training In Recent Trends In Industrial Automation” Organized by the Department of Electrical & Electronics Engineering, K.Ramakrishnan College of Engineering, Samayapuram on 20th & 21st February 2018.
- ❖ M.Yasar, A.Sheik Abdul Azeez, B.Mohamed Nabil, J.Mohamed Nasurudeen,J.Sheik Abdulla Sha and A.Mohamed Thareek from third Year EEE students are participated in the One day National Level Workshop on “Mobile Robotics” Organized by the Department of Electronics and Communication Engineering, Government College of Engineering, Salem on 27th February 2018.
- ❖ S.Salaman Khan and M.Mohamed Mustak Ali from third year EEE have participated and presented a paper entitled “Energy Efficiency Improvement in Thermal Power Plants” in the National Conference on “Cutting Edge Technologies in Electrical, Communication and Soft Computing Techniques (NCCEECS’18) organized by department of Electrical and electronics Engineering, Saranathan College of Engineering, Tiruchirappalli on 9th March 2018.

Faculty Achievements:

100 % Result (NOV./DEC. – 2016)

Name of the Faculty	Subject code & Name
B.Muthuselvi, A.P/EEE	PX7301 & Power Electronics for Renewable Energy Systems
K.Bharani, A.P/EEE	PS7005 & High Voltage Direct Current Transmission
D.Jayaraj, A.P/EEE	PS7007 & Wind Energy Conversion Systems

NPTEL Certification Program:

Name of the Faculty	Name of the Course	Grade
S. Pandiarajan	Control Engineering	Successfully Completed
D.Tamilselvam	Basic Electronics	Successfully Completed
J Gopi	Industrial Automation control	Successfully Completed
E.Muthukumar	Control Engineering	Successfully Completed
S.Samaya Sanjeevi	Basic Electronics	Successfully Completed
B.Muthuselvi	Control Engineering	Successfully Completed

Industry based value added course:

Value added course on “Power Quality Issues In Industrial Loads” have been conducted for department of Electrical and Electronics Engineering III year students during February 2018 to March 2018. All the students learn 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. Mr.E.Muthukumar, Assistant professor/EEE, K.Arunkumar, AP/EEE and S.Pandiyarajan, 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

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