

Newsletter

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

June 2014- Nov 2014

The department was established in the year 1999. Initially it offered under graduate course with the strength of 60 and successfully increased to 120 during the academic year 2004-2005 and 180 in the year 2011. It also offers post graduate in M.Tech-Power Electronics and Drives from the year 2011 with an approved intake of 18.

The Department of Electrical and Electronics Engineering offers under graduate in Electrical and Electronics Engineering and Post Graduate in M.Tech-Power Electronics and Drives with industry required syllabus. It offers Professional and need based continuing education to conduct training Programmes in frontier areas of Electrical Engineering on par with consultancy and technical services to the industry.



The Department is considered as a unique centre for promotion of excellence in Electrical Engineering and has been successful in fulfilling its role in this end of rocketing technologies. The faculty members have the tireless effort in contributing research papers to International journals like IEEE, Elsevier and Springer etc.

Electrical and Electronics Engineering discipline is multi-disciplinary by nature, representing a veritable synergy of different technologies. To meet the challenges of the new millennium, we train our students in the areas of artificial neural networks, fuzzy logic, finite element analysis, computer aided design of electrical machines, micro-controllers and digital signal processing, generation, transmission and distribution of power, Power system operation and control, Electrical Machines, Power Electronics and their control using computer methods etc.

Vision of the institute

To be a stimulating place to learn and practice technology and to become a leading college of engineering nationally and internationally recognized for its outstanding education research and outreach programs.

Mission of the institute

M1: (Foster the Inbuilt qualities)

To foster the inbuilt qualities of the students to face the challenges of the new millennium.

M2: (Innovative Ideologies)

To provide an opportunity to explore and experiment innovative ideologies.

M3: (Potential Dexterity)

To equip our students with the vital and potential dexterity in order to flourish in the corporate and industrial sectors.

M4: (Excellence in Engineering)

To dilate as centre of relevance and excellence in engineering and technology.

Vision of the Department

“To be an effective source of technical manpower for the nation and to contribute to the growth of the nation by constantly upgrading the quality of technical education by meeting the challenging needs of the twenty first century and effectively coordinating the activities of the staff, students and the industry while keeping up the ethical and moral standards required”.

Mission of the Department

M1: (Quality education and Ethics)

To provide quality education with ethical values.

M2: (All round competitiveness)

To train and educate students with all round competitiveness.

M3: (Centre for Research studies)

To develop the department as a Centre for research studies in various Specialized areas and to strengthen the Industry-Institute Interaction.

M4: (Higher studies and Society oriented research)

To motivate the students to do higher studies and to undertake society oriented research.

M5: (Team Spirit, Leadership Quality)

To nurture the talent and to facilitate the students with Team Spirit, Leadership Quality and Flexibility in Budding Electrical Engineers that makes a positive difference to society through education.

Gold medalists



Details of Gold medal and rank holders		
Year	University Gold medal	Other Top Fifteen Rank holders
2011-15	1	2,6,7,11
2010-14	1	3,5,6,10,11,12,13,15
2009-13	1	2,4,5,6,7,9,11,12,13
2008-12	1	2,4,9,13,14,15

STUDENTS ACHIVEMENTS



Mr.Kumaran.R and Mr. Vengatakrishnanyadav.V of EEE Department (2011-2015 Batch) received the **placement offer** from Mr. Harish Agarwal, Chief Executive Officer of **SUPREME & Co. Pvt. Ltd**, Kolkata on 25th January, 2014 through **IEEMA** project competition held at Bangalore.

STUDENTS ACHIVEMENTS



Mr. Vivin, Mr. Karthikeyan, Mr. Krishnakumar of EEE department (2010-14 Batch) won the **best project award in ISTE project competition** in the year 2013 held at Adiyamaan Engineering college, Hosur.



Our Chairman and Managing Director Shri.M.Dhanasekaran and Director cum Principal Dr.V.S.K.Venkatachopathy congratulates the III year students who won the **first prize** in the VIDYUT 2014 held at Amirta University

STUDENT'S ACTIVITIES

Students participation in Project Expo



Mr.Ajai Ghosh .J, Mr.Raghavendra. B, Ms.Dhivya. K, Ms.Afrinbegam. S, Ms.Asvini. T, Mr.Harikrishnan.R from 3rd year participated in A National Level Project Contest at SMVEC



Mr.Vengatakrishnan Yadav.V, Mr.Kumaran. R participated in IEEMA-ELECRAMA-2014-11th International Exhibition of Electrical and Industrial Electronics Industry, Bangalore



Mr.Vincent.S, Mr.Sriram.K, Gurubrasath.V, Mr.Y.Thalep Hussain, Mr. R.Dinesh Kumar secured 2nd place in ROBO WAR competition at KURUKSHETRA- 2014, Anna University, Chennai.

Guest Lecture



Mr. Balakumaram, M.S (Automobile Engg), Technical University of Ingolstadt, Germany delivers the guest lecture on Motivational aspects on 21-02-2014



Mr. K. Arunprasath, Telecom Technical Assistant, BSNL India, Tindivanam, delivered the guest lecture to the students of III year-A, B & C Section on "Call management in a GSM network".



To enhance the knowledge of the students, guest lecture was arranged for the students of III year-A & B Section on 25.01.14 (Saturday) at 1.00 PM and it was delivered by Mr. M. Velmurugan, Head-Design, Sai Power Zerve, Velacherry



Mr. Sivakumar, MD, Sriram power UPS, Puducherry, delivers the guest lecture on solar energy

Guest Lecture



Mr S.M.Amuthan, Deputy General Manager-Operations (DGM) Chennai Metro Rail Ltd, delivered the guest lecture to the III & II year students about “**Electric Traction Drive System**” on 02.08.14



Ms.C.Sandhiya, Quality Control Engineer, Whirlpool India Ltd, Puducherry delivered the guest lecture to the III year A&B section students about Motor Control of Washing Technology. on 12.07.14



Mr.Sathiyamoorthy - Executive engineer, Security Printing and Minting Corporation of India Limited, (SPMCIL),MP, India delivered a lecture on “Motivational talk -How to prepare for the public sector exams” for III year B section students on 04.7.14



Mr.Amirtha Ganesh, course trainer, TCIL, Puducherry delivered a lecture (IV year B section) in the value added course entitled as “PLC and SCADA” held on 03.7.14.

Industrial Visit

Industrial Visited– June 2014 to Nov' 2014

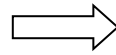
SL. No	Semes-ter	Subjects studying	Visited Date	Name of the industry relevant to the subjects
1.	III	Electrical Machines – I	A sec-24/07/2014 B sec-01/08/2014 C sec-28/08/2014	General Transformer Lucas Tvs
2.	V	1.Transmission and Dis-tribution 2.Power Electronics	Section A, B, C 30 students per day 23/07/2014 25/07/2014 28/07/2014 30/07/2014 31/07/2014 01/08/2014	Thondamanatham substation, Electricity Board, Puducherry
3.	VII	Solid State Drives	A sec 04/07/2014 05/07/2014	HMT Machine Tools
			B sec 10/07/2014 11/07/2014	Hykon Industries
				Kerala Electricals and Allied Engineering co. Ltd

Faculty achievements



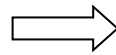
Dr.S.Anbumalar Head of the department, Department of Electrical and Electronics Engineering, received award for Woman achiever award from CII

SOCIAL ACTIVITY



A special awareness program was conducted on the occasion of founders day by Mr.K.Vijayakumar, Prof/EEE, SMVEC. He gave presentation on rural development in the Holy flowers Higher Secondary School, Kariamanikkam

Alumni Meet



2007-2011 Batch passed out students with faculty

Founder's day



Mr.N.Ilayaraje, Asst.Professor EEE, SMVEC gave the demonstration on the troubleshooting of fans for the final year



Mr.Hemachander, Asst.Professor EEE, SMVEC gave the demonstration on students Induction motors for the final year students



Mr.P.Sivaprakasam, Asst.Professor EEE, SMVEC gave the demonstration on DC starters for the final year students

NEWS LETTER

{JUNE 2014– Nov 2014}

The Editorial Board

FACULTY ADVISORS

Dr.S. Anbumalar, HOD, EEE Dept.

Mr.B. Parthiban, Assistant Professor, EEE Dept.

Mr.K. Arun, Assistant Professor, EEE Dept.

EDITORS

Mr.J. Chandrasekaran [IV-A], Mr.C.S. Ananth [IV-A]

Mr.T. Barath [III-A] , Mr.A. Yokesh Kumar [III-B],

ASSOCIATE EDITORS

Mr.C. Ajai Gosh [III-C]

Mr.Rajesh Kumar [II-A], Mr.Keerthivasan [II-B]