

DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VOLTSREADER'16-17

(Volume I- July 2016 to December 2016)

Volume 1, Number 1

FROM CHAIRMAN,

"Electrical science has revealed to us the true nature of light, has provided us with innumerable appliances and instruments of precision, and has thereby vastly added to the exactness of our knowledge"



HIGHLIGHTS:

01. ASSOCIATION
ACTIVITIES

02. CONSULATNCY
PROJECTS

03.FACULTY
ACHIEVEMENTS

Education is empowerment, irrespective of the socio economic status of a person it leads to a great deal of empowerment. The supremacy of Education is that it can empower even the poorest of the poor. Education is an ornament in Prosperity, and refuses in adversity "It drives away ignorance, encourages a man to a righteous thought and action, empowers woman and enlarges her vision to a higher and wider horizon.The curriculum alone is not enough for the overall development of a person. The Department of Electrical and Electronics Engineering plays a vital role in our Dhanalakshmi Srinivasan Engineering College like a diamond in the crown. I wish the team who worked for VOLTS Reader'16-17 .The Department has continued to work in Progressive during July-2016 to December 2016. I wish you all success...

“When the government and electrical utility company jointly harass an electrical fraud researcher, it confirms that the research is progressing in the right direction!”

— Steven Magee

“In Science don't confound Normal static electricity To ecstatic eccentricity. Here is what I found: Electric charges As they rise up your hair In contrast with a discharge, Rarity leaves you up in the air!”

— Ana Claudia Antunes

Ere long intelligence—transmitted without wires—will throb through the earth like a pulse through a living organism. The wonder is that, with the present state of knowledge and the experiences gained, no attempt is being made to disturb the electrostatic or magnetic condition of the earth, and transmit, if nothing else, intelligence.

— Nikola Tesla



**DR.T.ELANGO M.E.,PH.D.,
PRINCIPAL**

Electrical and Electronics Engineering is the fastest growing career and this trend is expected to continue over the next decade. Electrical Engineers work at the intersection of Engineering, the life sciences and healthcare, These Engineers take principles from applied science and physical sciences and apply them to Electrical and Electronics. Thus to initiate the students in this particular aspect, The department has issuing the newsletter called VOLTS Reader'16-17. It is an effort in the direction to give exposure to the students on the recent development in the field of Electrical and Electronics Engineering. I am sure that this will help to open avenues for exchanges of ideas in this important and emerging field in Electrical and Electronics Engineering.

FROM HEAD OF THE DEPARTMENT

Vision of the Department:

To infuse technical competencies of Electrical and Electronics Engineering and provide research ambience with values.

Mission of the Department:

M1: To impart quality education and training in Electrical and Electronics Engineering with an overall background suitable for making a successful Engineer in industry and research or higher education.

M2: To develop life-long learning skills that allows them to be adaptive and responsive to changes in society, technology and the environment, as well as career demands.

M3: To provide an accredited dynamic scholarly environment wherein students learn to develop communications and leadership abilities to blossom as a professional.

M4: To ensure that every graduate is aware of the roles and responsibilities of the professional engineer in society through exposure to ethics, equity, safety and health considerations.



**Dr.K.Anbarasan Ph.D.,
HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

The Department of Electrical and Electronics Engineering, Dhanalakshmi Srinivasan Engineering College, Perambalur was established in the year 2001 - 2002 and affiliated to ANNA UNIVERSITY, Chennai. Two Post-Graduate programmes M.E. in Power Electronics and Drives during the academic year 2011-2012 and Embedded System Technologies during the academic year 2012-2013 have been introduced. We have a leading edge teaching facility and state-of-the-art laboratory facilities to enhance the learning experience of the students. The department develops the analytical and practical skills of students to serve better industrial, organizational and research set ups. We provide individual attention and world class quality of education. We have a team of highly qualified, experienced and dedicated faculty to impart quality education to the students. The EEE Department has been organizing many Symposiums, Seminars, Conference, Workshop, Guest lectures and the IEEE Chapter. I wish the students and faculty who have worked hard for the newsletter VOLTS Reader'16-17. As it is very important to see our past also, In order to make good and progressive result in future. May this newsletter will help to provide the same. I wish all the best for the editorial board.

National Conference on **“Emerging Investigations In Electrical Engineering”**



Our department has organized National Conference on **“Emerging Investigations In Electrical Engineering”** on 02/09/2016. The inauguration function was started at 10.30am sharply , with a warm welcome address given by Dr.K.Anbarasan, Head of the Department (EEE). Our respected Chairman delivered the Presidential address and honoured the chief guest. Our honorable chief guest **Dr.K.Kanagasabapathy, General Manager, Electrical and Automation FLsmidth-Chennai** presented an energetic and valuable speech to encourage our students for their betterment and future.

STUDENTS ACHIEVEMENTS

S.No	Student Name	Year	Event Name	College Name	Date
1	Ram Kumar.J	IV	E- REVOLUTION S'16	MAM College of Engineering & Tech	07/09/16
2	Amala.T	IV			
3	Baalambiga.D	IV			
4	Chitra.D	IV			
5	Kamali.S	IV			
6	Kohila.S	IV			
7	Nithya.R	IV			
8	Ameer Mohamed.A	IV	QUASAR'16	Arunai Engineering College	19/09/16
9	Anthony Raj.A	IV			
10	Oviya.R	IV			
11	Ram Kumar.J	IV			
12	Balamurugan.M	III			
13	Gopal.P	IV			
14	Anbumani .S	IV	PRUDENTIA 2016	Saranathan College of Engineering	19/09/16 & 20/09/16
15	Manikandan. S	IV			
16	Ananthi.A	IV			
17	Jaya Priya. S	IV			
18	Monika.S	IV			
19	Neelima	IV			
21	Jaya Priya. S	IV			
22	Kohila.S	IV			
23	Nithya.R	IV			
24	Sathiyaraj.G	IV			
25	Venkatesan.N	IV			
26	Vignesh.M	IV			
27	Balaji N	IV			

ASSOCIATION ACTIVITIES

EVENT NAME	NAME OF THE RESOURCE PERSON	NAME OF THE COLLEGE
Association Inauguration	Prof.C.Madivanan,	DRDO/CVRDE, Chennai
One Day National level Seminar on “DSP and its Applications”	Dr.P.Rameshbabu,	Pondicherry Engineering College, Pondicherry
National Conference on “Emerging Investigations In Electrical Engineering”	Dr.K.Kanagasabapa thy,	General Manager, Electrical and Automation FLsmidth-Chennai
National Level Technical Symposium “Daselsy ‘7G”	Dr.K.Srinivasan	National Institute of Technology, Trichy
Guest Lecture on “Electrical Machines”	Prof.C.Madivanan	DRDO/CVRDE, Chennai
Guest Lecture on “Power System Analysis”	Dr. K.Dhayalini	K.Ramakrishnan College of Engineering,Trichy

CONSULTANCY PROJECTS

NAME OF THE FUNDING AGENCIES:

- Orbit Controls and Services
- VEE Technologies Solutions Pvt.,Ltd., Chennai
- AMS Battery Industries, Salem.
- Vi Microsystems Pvt., Ltd.,
- Foreview Technologies, Pvt.Ltd., Chennai

Our department has signed MoU with various organizations and institutions. We are having well equipped laboratories for the benefits of students. We are doing several consultancy projects funded by many funding agencies. The consultancy projects involves both faculty and students. The students are getting excellent knowledge in designing projects and it helps in future.

FACULTY ACHIEVEMENTS

- 8 of our faculty who have produced result more than 90% in the last semester 2015-2016 odd semester.
- 6 of our faculty who have produced result more than 80% in the last semester 2015-2016 odd semester.
- Our Faculty who have participated in various National and International Conferences and presented their papers in different advanced fields.

NAME OF THE FACULTY	NO.OF PAPERS PRESENTED (July 2016-December 2016)
Dr.K.Anbarasan	2
Mrs.T.Lavanya	2
Mr.R.Kabilan	2
Mrs.M.Parameswari	2
Mrs.K.Preetha	2
Mr.S.Selvakumaran	1
Mr.M.Asaithambi	1
Mr.C.Paramasivan@Vignesh	1
Mrs.S.Anandhi	1
Mr.R.Kannan	1
Mr.G.Sarathkumar	1
Mrs.A.Yazhini	1
Mr.S.Ranjith	1
Ms.K.Priyanka	1
Mrs.A.Sugasini	1
Mr.D.Velmurugan	1
Mr.D.Krishnamoorthi	1
Mr.V.Vinothkumar	1