

SYED AMMAL ENGINEERING COLLEGE



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Department of Electrical & Electronics Engineering

Objectives of the News Letter

To motivate students and make them involved in all events organized in the college, thereby improving their curricular, co-curricular and extra curricular skills and make them employable. It is also an important task to publish the activities carried out in our department in the global market to capture the attention of industrial and academic community to promote the marketing image of our students.

Preamble of the Department

The Department was established in the year 1998, now offering B.E. (EEE) and M.E. (Embedded System Technologies). It is one of the pioneer departments having Research Centre status approved by Anna University, Chennai out of 600 engineering colleges in Tamil Nadu. The department regularly produces university rank holders.



Founder
Dr. E.M. Abdullah

Spark

Igniting Young Minds
2nd July, 2016



Correspondent
Dr. Chinnadurai Abdullah
MD, DMRD.,



Principal
Dr. P. Marimuthu M.E. Ph.D.,



Dr. R. Nagarajan, Associate Professor / EEE addressing the students

Association of department of Electrical and Electronics Engineering was inaugurated by Dr.S.Selvaperumal, Professor & Head/EEE, Syed Ammal Engineering College, Ramanathapuram on 02-07-2016 at 1.30 P.M. Followed by the inauguration

Dr.R.Nagarajan, Associate Professor / EEE addressed about the importance of association activities and about the carrier opportunities after B.E. and also provided tips & tricks to face interview. On the same day Mr .A.Jeyasaravanan, Associate Professor / EEE provided tips to prepare for GATE Examination.

Chief Patron :

Dr. Chinnadurai Abdullah
Correspondent

Patron :

Dr. P. Marimuthu
Principal

Mentor

Dr. R. Dhanasekaran
Director Research

Chief Editor

Dr. S. Selvaperumal

Editors

Dr. R. Nagarajan
Mr. A. Jeyasaravanan
Mr. P. Nedumal Pugazhenth
Mrs. S. Muthulakshmi

Coordinators

Mr. P. Muthukrishnan
Mr. M. Senthil Kumar
Mr. G.S. Naganathan
Mrs. S. Aiswariya
Mr. M. Pauljeyaraj
Mr. P. Gnanaskanda Parthiban
Mr. K. Duraipandian
Mr. G. Prabhakar



News Letter

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News Letter

Institute Vision

➤ To be an Institute of eminence and to evolve disciplined and globally competent engineers and technocrats.

Institute Mission

- Generating an enabling environment for academic excellence through quality work.
- Moulding rural students into professionally competent and intellectually proficient employable force through curricular, co-curricular and extracurricular activities.
- Creating globally talented human resources with ethical outlook and moral values, for the larger benefits of the society.

Mr. Senthilvelavan, IRS,

Joint Director, Directorate General of Central Excise Intelligence, Chennai, motivated final year students to face civil service examinations on 9-7-2016 at 1.30P.M in EEE - Seminar Hall.



Ms. Kirtanya Krishnamoorthi,

CEO & NLP Trainer, Mindfresh, Chennai, conducted a motivation programme “Believe In Yourself” to the final year students on July 13, 2016 at 1.30 P.M.



Mr. Muthu Selvam Muniyandi,

Alfano Electrical Systems, Saudi Arabia, delivered a seminar on “New product Design and Development” to the final year students on July 15, 2016 at 3.15 P.M.

Fragrhen Academy conducted soft skills training programme to II year students from 14-07-2016 to 16-07-2016 (3 Days) and to III year EEE students from 19-07-2016 to 23-07-2016 (5 Days). They trained the students in the following areas

- 1.Quantitative Aptitude-Basic

2.Attitude

3.Creative Thinking

4.Memory Technique

5.Communication Skills

6.Problem Solving
- 7.Time Management

8. Number System and Properties

9.Self Awareness

10.Success Principle

11.Introduction to Reasoning

12.Verbal Ability

13.Group Discussion

Mr. R. Nagarajan, has successfully completed his oral PhD-Viva-voce Examination under the guidance of **Dr. R. Dhanasekaran**, Professor / EEE & Director-Research, Syed Ammal Engineering College on 22-07-2016 at 10 A.M. The Oral Examination board has recommended the award of Ph.D. degree to Mr.R.Nagarajan.



Mr. R. Nagarajan presenting his research work

Dr. R. Dhanasekaran introduces the candidate and initiating the viva voce examination

The examiners questioning the candidate during viva voce



Department of EEE Congratulates Dr. R. Nagarajan for successfully Completing his Ph.D.,

Mr. G. Prabhakar, Assistant Professor/EEE, conducted Quantitative Aptitude session to the Section-A students on 09-07-2016 at 3.15 P.M.

Mr. G.S. Naganathan, Assistant Professor/EEE, gave GATE coaching to the section-B students to solve the problems related to Power Systems on 16-07-2016 at 1.30 P.M.

Dr. S. Selvaperumal, Professor/EEE, gave GATE coaching to the section-C students to solve the problems in Power Electronics on 16-07-2016 at 1.30 P.M. and **Mr. P. Muthukrishnan**, Assistant Professor / EEE, gave GATE coaching to the same students to solve the problems related to DC motors and Generators on 16-07-2016 at 3.15 P.M.

Mr. P. Gnanaskanda Parthiban, Assistant Professor / EEE, conducted Group Discussion activity to the Section-A students on 23-07-2016 at 3.15 P.M.

Mr. M. Senthilkumar, Assistant Professor / EEE, gave GATE coaching to the section-C students to solve the problems related to stability analysis in Control Systems on 23-07-2016 at 1.30 P.M.

Dr. R. Nagarajan, Associate Professor,EEE, gave presentation to know and understand Do's and Dont's in Group Discussion to the Section-B students on 30-07-2016 at 3.15 P.M. and conducted Group Discussion activity with the group of six members. The following students were participated **1. A. Soundarya** **2. R. Jothi Priya** **3. S. Lakshmi Prabha** **4. K. Ajith Nayagam** of III year EEE Students, **5. M. Hari Chandar** and **6. M. Janani** of IV year EEE students. The GD topic is "Mobile Phone/Internet-a boom or nuisance".

Mr. A. Jeyasaravanan, Associate Professor,EEE, conducted group discussion activity to the Section-C students on 30-07-2016 at 1.30 P.M. A group of six members participated and discussed about the advantages and issues of current examination system followed by indian institutions.

Dr. S. Selvaperumal, Professor & Head / EEE, Convened the Second Doctoral Committee meeting for the part time Ph.D. research scholar **Mr. G.Prabhakar**, Assistant Professor, Syed Ammal Engineering College, on 28-07-2016 (Thursday), at 11.30 am, in the department of EEE, Syed Ammal Engineering College.

Dr. S. Selvaperumal, Professor & Head / EEE acted as a Doctoral Committee member and attended DC meeting on 21-07-2016, 11 A.M. at Anna University- University College of Engineering, Dindigul.

Dr. S. Selvaperumal, Professor & Head / EEE has published a technical paper titled "Reactive power compensation and harmonic mitigation through quasi Z source converter for marine applications" in Indian Journal of Geo-Marine Sciences (IJMS) NISCAIR- CSIR, India, Vol.45, No.7, pp.897-910, July, 2016. **(Anna University Annexure - I Journal), Impact Factor - 0.313**

Department Vision

- To be a centre of excellence in teaching and research in Electrical and Electronics Engineering, to produce highly skilled, excellent engineers who can serve the society.

Department Mission

- Provide exemplary learning environment and quality professional education.
- Empower rural students with skills and knowledge for innovation through curricular, co- curricular and extracurricular activities.
- Providing ample opportunities to learn moral and ethical values to serve the society and nation.



Mr. M. Senthilkumar, Assistant Professor / EEE, gave GATE coaching to the section- B students to solve the problems related to stability analysis in Control Systems on 09-07-2016 at 1.30 P.M.

Mr. P. Muthukrishnan, Assistant Professor/ EEE, gave GATE coaching to the same students to solve the problems related to DC motors and Generators on 09-07-2016 at 3.15 P.M.

Mrs. S.Aiswariya, Assistant Professor / EEE, conducted an activity to know new vocabularies to enrich word power to the Section-A students on 09-07-2016 at 1.30 P.M.



Mr. G. Prabhakar, Assistant Professor / EEE, conducted Quantitative Aptitude session to the Section-A students on 09-07-2016 at 3.15 P.M.

Dr. R. Nagarajan, Associate Professor,EEE, Discussed and trained the students to give self-introduction and suggested the important information to be included while giving self introduction to the Section-C students on 09-07-2016 at 3.15 P.M.



Programme Educational Objectives

The graduates of Electrical and Electronics Engineering shall

- PEO1: Excel in professional career, higher education and research.
- PEO2: Have good fundamental and advanced engineering knowledge to comprehend, analyze, design and create novel solutions for real life problems.
- PEO3: Demonstrate professionalism, entrepreneurship, ethical behavior, communication skills and collaborative team work to adapt the emerging trends by engaging in lifelong learning.

Mr. G.Prabhakar, AP / EEE, delivered a seminar on “Modelling, Control and Experimental Investigations of Cyber Physical Systems” to the faculty members and PG Scholars on July 23, 2016 at 11 A.M.



Mr. A. Jeyasaravanan, Associate Professor / EEE, conducted quantitative aptitude session to the Section-A students on 23-07-2016 at 1.30 P.M.



Mr. P. Nedumal Pugazhenth, Associate Professor, EEE, handled Logical Reasoning session, shared the speech of Professor. Gnanasambandam and highlighted the important points to be developed in public speaking to the Section-A students on 30-07-2016 at 1.30 P.M.



Program Specific Outcomes

- PSO1** Inculcate the ability to utilize applied sciences, transform methods, discrete mathematics, applied differential equations and numerical methods in support of electrical and electronics engineering.
- PSO2** Demonstrate the knowledge and hands on competence appropriate to the goals of the program in the applications of circuit analysis and design, analog and digital electronics, computer programming, embedded systems and associated software to the building, testing, operation and maintenance of electrical and electronics systems.
- PSO3** Demonstrate the ability to analyze design and implement control and instrumentation systems, computer systems and power and energy systems.
- PSO4** Introduce and improvise the ability to apply project management techniques to electrical and electronics systems.

Mr. P. Gnanaskanda Parthiban, Assistant Professor / EEE, conducted Quantitative Aptitude session and solved the heights and distances calculation problems to the Section-A students on 30-07-2016 at 3.15 P.M.



Mrs. S. Muthulakshmi, Associate Professor / EEE, gave GATE coaching to the section-B students to solve simple problems in “Network Theorem” on 30-07-2016 at 1.30 P.M.

Mr. K. Duraipandian, Assistant Professor / EEE, discussed Do's and Don'ts in Mock Interview to the students on 16-07-2016 at 3.15 p.m.

