



SYED AMMAL ENGINEERING COLLEGE



(An ISO 9001: 2008 Certified Institution)

Dr. E.M.Abdullah Campus, Ramanathapuram – 623 502

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

NEWSLETTER- 2015-16

College Vision:

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

College 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.

Department Vision:

- ❖ To contribute the quality Engineers to the society by making students powerful and employable in Electronics, Communication and Computer technologies.

Department Mission:

- ❖ To enhance the quality of education in Electronics and Communication Engineering.
- ❖ To empower the rural students to gain innovative ideas by inculcating them with curricular and co-curricular activities.
- ❖ To train the students in developing intellectual excellence with ethical values to meet the global challenges.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs):

1. To prepare the students to excel in industry and to motivate for higher education by educating students along with high moral values and knowledge.
2. To encourage the students in developing their competency in the field of Signal processing, Embedded systems, VLSI and wireless communication technologies.
3. To train the students with good engineering breadth so as to comprehend, analyze, design and create novel products and solutions for the real life problems.
4. To inculcate professional and ethical attitude, effective communication skills, team work skills, multidisciplinary approach, entrepreneurial thinking and an ability to relate engineering issues to broader social context in students.
5. To provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines and the self-motivated life-long learning needed for a successful professional career.

PROGRAMME SPECIFIC OUTCOMES (PSOs) :

PSO1: The students should be able to apply the concepts of electronic devices, integrated circuits, Microprocessor and Microcontroller, Signal and Image Processing, VLSI Design, Communication and Networking to satisfy the needs of the society by solving basic technical issues.

PSO2: The students should be able to design analog and digital electronic system using analytical concepts or/and modern computational tools like CADENCE, ORCAD PSPICE, MATLAB, SCILAB, XILINX, PROTEUS, etc. to attain employability.

Department Activities:

Student Symposium:

A National level Technical Symposium Erazzles'16 was conducted by the Department of Electronics and Communication Engineering on 28-02-2016.

This Symposium is conducted every year to motivate the students, to enhance their technical skills, to develop their leadership quality and to promote their communication skills through the events such as paper presentations and project presentations, Quiz programme, circuit debugging.

Mr.Senthil Kumar, PG Assistant (CSE), Govt. Higher secondary school, Arasanoor was the chief guest of the Inaugural function.



Inaugural speech by the chief guest

STUDENT ACTIVITIES:

SI. No	Date	Name of the students	Class	Events	Organized by	Result
1	14.08.15	D. Vijibarkavi	III ECE B	PAPER PRESENTATION	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
2	14.08.15	N. Nandhini	III ECE B	PAPER PRESENTATION	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
3	14.08.15	M. Shalini	III ECE B	PAPER PRESENTATION	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
4	14.08.15	M. Saranya	III ECE B	PAPER PRESENTATION	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
5	26.08.15	B.Vignesh Gowtham	IV ECE B	PROJECT PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
6	26.08.15	B.Vignesh Gowtham	IV ECE B	PAPER PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
7	26.08.15	G.K. Sabari Nathan	IV ECE B	PROJECT PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
8	26.08.15	G.K. Sabari Nathan	IV ECE B	PAPER PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
9	26.08.15	N. Arivazhagan	IV ECE A	PROJECT PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
10	26.08.15	N. Vignesh	IV ECE B	PROJECT PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION

11	26.08.15	N. Vignesh	IV ECE B	PAPER PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
12	26.08.15	S. Manohari	IV ECE A	PAPER PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
13	26.08.15	J. Bharath kumar	IV ECE A	PROJECT PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
14	26.08.15	D. Bala Dharani	IV ECE A	PAPER PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
15	26.08.15	S. Hemalatha	IV ECE A	PAPER PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
16	26.08.15	M. Anandhajothi @ Vinothini	II ECE A	PAPER PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	FIRST PRIZE
17	26.08.15	G. Jothi Prakash	IV ECE A	PAPER PRESENTATION	MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
18	28.08.15	K.G. Vishalini	III ECE B	PAPER PRESENTATION	RENGANAYAGIVA RATHARJ COLLEGE OF ENGG.,	PARTICIPATION
19	28.08.15	M. Nasreen	III ECE B	PAPER PRESENTATION	RENGANAYAGIVA RATHARJ COLLEGE OF ENGG.,	PARTICIPATION
20	28.08.15	M. Shalini	III ECE B	PAPER PRESENTATION	NADAR SARASWATHI COLLEGE OF	PARTICIPATION

					ENGINEERING AND TECHNOLOGY	
21	28.08.15	M. Saranya	III ECE B	PAPER PRESENTATION	NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
22	28.08.15	T. Suruthie	III ECE B	PAPER PRESENTATION	NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
23	28.08.15	T. Suruthie	III ECE B	PRESENTATION, DEBUGGING AND QUIZ	NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
24	28.08.15	S. Sivasankari	III ECE B	PAPER PRESENTATION	NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY	FIRST PRIZE
25	12.09.15	M. Karthik Raja	II ECE A	PAPER PRESENTATION	AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
26	12.09.15	S. Satheek	II ECE B	PAPER PRESENTATION	AKSHAYA COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
27	14.09.15 to 15.09.15	S. Sivasankari	III ECE B	VORTRAG	PAAVAI ENGINEERING COLLEGE	FIRST PRIZE
28	14.09.15 to 15.09.15	S. Sivasankari	III ECE B	MULTIMEDIA PRESENTATION	PAAVAI ENGINEERING COLLEGE	FIRST PRIZE
29	14.09.15 to 15.09.15	T. Suruthie	III ECE B	MULTIMEDIA PRESENTATION	PAAVAI ENGINEERING COLLEGE	FIRST PRIZE
30	14.09.15 to	T. Suruthie	III ECE B	VORTRAG	PAAVAI ENGINEERING	FIRST PRIZE

	15.09.15				COLLEGE	
31	16.09.15	K.G. Vishalini	III ECE B	PAPER PRESENTATION	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
32	16.09.15	D. Viji Barkavi	III ECE B	MATHS QUIZ COMPETITION	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
33	16.09.15	M. Valarmathi	III ECE B	MATHS QUIZ COMPETITION	VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY	PARTICIPATION
34	18.09.15	A. umamaheswari	IV ECE B	PAPER PRESENTATION	KINGS COLLEGE OF ENGINEERING	PARTICIPATION
35	25.02.16	M.R. Parthasarathy	III ECE B	PAPER PRESENTATION	P.S.R ENGINEERING COLLEGE	PARTICIPATION
36	25.02.16	J. Pravin Raja	III ECE B	PAPER PRESENTATION	P.S.R ENGINEERING COLLEGE	PARTICIPATION
37	19.02.16 To 20.02.16	M. Nasreen	III ECE B	PAPER PRESENTATION	KALASALINGAM UNIVERSITY	PARTICIPATION
38	19.02.16 To 20.02.16	M. Yuvarani	III ECE B	PAPER PRESENTATION	KALASALINGAM UNIVERSITY	PARTICIPATION

Workshop / Conference / Seminars attended by the Faculty members:

SI. NO	DATE	NAME OF THE STAFF	TYPE OF THE PROGRAM ATTENDED	ORGANIZED BY
01	09.10.15	M.Periyasamy	Measurement of RF and wireless communication.	MIT Chennai
02	29.10.15 to 30.10.15	B.Ramasubramanian P.Ravivvarma	Advancement in Bio-medical signal and image processing	MIT Chennai
03	07.12.15 to 14.12.15	Babumohan.B Arunmani.G Sathyaprakash.K.P	Discrete time systems and signal processing	KLNCE Madurai
04	30.11.15	Banupriya.P	Linear Integrated circuits	KLNIT

	to 06.12.15	Sugnaya.P Archanadevi.D Karthigadevi.K		
05	14.12.15 to 19.12.15	Valanarasi.A Priya.C	1D and 2D processing using MATLAB and GUI	Kamaraj College of Enigneering
06	30.01.16 to 31.01.16	S. MofiyaFargana V. Amirthavalli	Analog and Digital system design using cadence tools	Thiyagarajar College of Engineering

PLACEMENT RECORD:

Name of the Company	No. of Students Placed
CTS(COGNIZANT)	2
TNQ	13
HCL	3
CMS	10
SUNBRANDING SOLUTIONS Pvt Ltd	11
AEGIS	41
SUNSINE SOLUTIONS	5
I Interchage	1
OBO BETTERMANN INDIA Pvt Ltd	2
PHA	18
AXIS BANK	12
MAGUS	20
ANDROMEDA	4

Publication by the Faculties in International /National Journals and International/National Conferences:

SI. NO	NAME OF THE STAFF	PUBLICATION DETAILS
01	Dr. G. Mahendran Professor, ECE.	➤ Presented a paper titled "Investigation of Diabetic Retinopathy using GMM classifier" in IEEE International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT), May 25-27, 2016.
02	Mrs. C.Priya Assistant Professor, ECE	➤ Presented a paper titled "A FAULT TOLERANT ROUTER WITH OPTIMIZED ANT COLONY ALGORITHM" ➤ Presented a paper titled "MULTIPLIERDESIGN USING MTCMOS WITH ADAPTIVEHOLD LOGIC".
03	Dr. Sithi Shameem Fathima. SMH Professor, ECE	➤ Presented a paper titled "Low power cache memory architecture using bandwidth scalable controller" ➤ Presented a paper titled "Elliptical Model For Normal and

		<p>Abnormal Gait Classification”</p> <ul style="list-style-type: none"> ➤ Presented a paper titled “Gait Based Human Recognition with Various Classifiers Using Exhaustive Angle Calculations in Model Free Approach”
04	Mrs. A. Valanarasi. Associate Professor, ECE	<ul style="list-style-type: none"> ➤ Presented a paper titled “A review on Design Considerations of Implantable Antennas” ➤ Presented a paper titled “Human Gait Recognition using RVM Classifier”
05	Mr. B.Ramasubramanian Assistant Professor, ECE	<ul style="list-style-type: none"> ➤ Presented a paper titled “A Comprehensive Review on Various Preprocessing Methods in Detecting Diabetic Retinopathy” in 5th IEEE International Conference on Communication and Signal Processing - ICCSP' 16, 6-8 April 2016. ➤ Presented a paper titled “A Stand-alone MATLAB Application for the Detection of Optic Disc and Macula” in IEEE International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT), May 25-27, 2016.
06	Ms. S. Mofiya Fargana Assistant Professor, ECE.	<ul style="list-style-type: none"> ➤ Presented a paper titled “Investigation of Diabetic Retinopathy using GMM classifier” in IEEE International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT), May 25-27, 2016.
07	Mrs. S.Murugeswari Associate Professor, ECE	<ul style="list-style-type: none"> ➤ Presented a paper titled “Investigation of Diabetic Retinopathy using GMM classifier” in IEEE International Conference on Advanced Communication, Control and Computing Technologies (ICACCCT), May 25-27, 2016.