

REFLECTIONS

E C E D E P A R T M E N T

HOD'S DESK



I remember the senior batches, I said good bye. This year the department has given farewell to 12th batch with two ceremonies. The junior students have given farewell to the 2017 pass

out batch on 28/4/17 and the Principal has distributed course completion certificate to the students on 19/6/17.

The department staff members and students feel proud of despite hard task, that the students encountered in the course of studies in the college at the end of it. All students completed this part of journey with great achievements and beautiful memories.

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I place on record the student demonstrated positive attitude towards studies, relationship with staff members, management, the junior students and even among themselves.

“The future belong to those who believe in the beauty of their dreams”- Eleanor Roosevelt

COURSE COMPLETION CEREMONY

The course completion ceremony of 12th batch of ECE (2013—2017 batch) was conducted on 19/6/17 at 10 am in Digital Theatre. Prof. Asha Panicker, HOD, delivered the welcome address. Er. Biju Varghese, Chairman, Mangalam College of Engineering presided over the function. Dr. M. M Paulose, Principal and Dr. Abraham Chettisery, Legal Advisor also addressed the function. The ceremony ended with a high tea and a photo session.



LA REVEDERE - FAREWELL - 12th BATCH

The 2013-2017 batch stepped out of college after the wonderful 4 years of engineering and it was time to bid a bye. The students of S6 ECE batch conducted the farewell. The event **La Revedere** held at B.Ed hall on 28th April. The program started with a prayer followed by a short speech by our HOD, Prof. Asha Panicker and the class in-charges of ECE 8A and 8B batches.

Best student award was given to Mr. Justin Waltson and Ms. Vineetha Vijay Nair. By this, programs came to an end and a grand lunch was arranged. The farewell was a grand event cherished by all the students and teachers.



INDUSTRIAL VISIT

The students of S2 ECE visited the HIGH POWER TRANSMITTER section of DOORDARSHAN at Kakkanad, Kochi on 26/04/2017 as a part of their industrial visit. They reached the section by 11 am and had an interaction with the Assistant Engineer C V Joy. He handled the class and took the basics of the transmission process. The class continued for almost 1 hour. Then the students were taken to the equipment room. They saw different equipments in the input rack and the monitoring rack. The students got exposure to the different antennas used there.

A total of 64 students along with 4 faculty members attended the industrial visit and they were highly motivated to study the process taking place in the core sector.



MOTIVATIONAL TALK

As a part of Student Enrichment activities of ECE Department, a motivational talk on the comprehensive topic "Science and Scientists" by our eminent faculty Dr. Karthikeyan Chittayil, held on 25th April 2017 at the Digital Theater from 11:00 a.m. to 12:30 p.m. The event was attended by S2 and S4 students of ECE.



ADD ON COURSE & BRIDGE COURSE

An add on course on MATLAB and a bridge course on Mathematics, Network Theory and Digital Electronics was conducted for S3 (2016—20 batch) students from 19/6/17—23/6/17. The courses were conducted in-house and courses were handled by the faculty members of ECE department.

S7 (2014—18 batch) students also attended an add on course on MATLAB from 21/6 to 23/6 and a course on Arduino from 27/6 to 29/6. The course was handled by experts from Arvin Technologies, Kochi.



INTERNSHIP

23 students from S4 ECE (2015—2019 batch) attended 5 days internship at Keltron Knowledge Centre, Palai. The internship dealt with the Basics of Raspberry Pi and Python Programming. The internship outlined the following concepts :

- Introduction to Raspberry Pi
- Architecture and Hardware Specifications
- Python—Programming Language
- GPIOs

With the completion of this internship, the 23 students are eligible to get 20 activity points as per APJ KTU.

STUDENT ACHIEVEMENTS

Sreelekshmi Gopinath of 1st Year ECE has secured **5th rank** in the NPTEL online course offered by **IIT Madras** in the subject “ETHICS”.



Twenty students of 1st Year ECE got certified in the NPTEL online course offered by **IIT Madras** in the subject “ETHICS”. They are eligible to get 50 activity points as per KTU regulation.

Ms. Amala Chacko of S4 M.Tech (VLSI & ES) published the paper “**Modified Vedic Multiplier Using Modified GDI Technique**” in **International Journal of Innovative Research in Science, Engineering & Technology (IJIRSET)**, Volume 6, Issue 4, April 2017, pp 5367-5374, ISSN 2347-6710.

STAFF ACHIEVEMENTS



Mr. Rakesh S, Assistant Professor, ECE has secured **2nd rank** in the NPTEL online course offered by **IIT Madras** in the subject “ETHICS”. He also achieved **ELITE** category certification in the NPTEL online course offered by **IIT Roorkee** in the subject “FIBER OPTICS”.

Ms. Aswathi Gopan, Assistant Professor, ECE has achieved **TOPPER** certification by securing a position in the **TOP 5%** of the certified candidates in the NPTEL online course offered by **IIT Roorkee** in the subject “FIBER OPTICS”.



Dr. Nirmal Raja, Professor, ECE has published the paper “**Secure Data Aggregation in Wireless Sensor Network-Fujisaki Okamoto(FO) Authentication Scheme against Sybil Attack**” in the **Journal of Medical Systems** published by **Springer**.

Mr. Gopakumar M.G, Assistant Professor, ECE has registered for **Ph.D** in the area “Design and Simulated Characteristics of MOSHEMT on InP Substrate for High Frequency Application” at **Sathyabama University, Chennai, Tamil Nadu**.



Mr. Ajit Joseph, Associate Professor, ECE has achieved **TOPPER (TOP 5%)** Certification in the NPTEL online course offered by **IIT Kharagpur** in the subject “WIRELESS ADHOC AND SENSOR NETWORKS”. He also achieved **ELITE** category certification in the NPTEL online course offered by **IIT Kanpur** in the subject “FUNDAMENTALS OF ACOUSTICS”.

Ms. Kriza Baby, Mariya Stephen, Ms. Mariya Vincent and Ms. Neethu Thomas has attended one day workshop on “Innovative Techniques in Teaching and Learning for Professionals_US Perspective”, conducted at Mangalam college of Engineering on June 3rd 2017.

FAREWELL

The department gave farewell to Ms. Jency Andrews who served the department in the role of Assistant Professor for 3 years. We express our gratitude for her selfless service and wish her a very bright future.



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