



REFLECTIONS ECE DEPARTMENT

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HOD'S DESK

Women empowerment refers to the creation of an environment for women where they can make decisions of their own for their personal benefits as well as for the society.

There is no tool for the development more effective than the empowerment of women. Education is a potent tool for progress in life. And what better way to uplift and empower women than by educating them. Through various initiatives young girls and women with quality education even in the remotest corners of the rural area can be empowered with knowledge.

As extension activity of the department we started with women empowerment program 'E-SMART'. It has been successful this year also with 111 women attending this program.



Prof. ASHA PANICKER
HOD

INSPIRING QUOTES

- *Man needs difficulties in life because they are necessary to enjoy the success.*
- *All of us do not have equal talent. But, all of us have an equal opportunity to develop our talents.*
- *Thinking should become your capital asset, no matter whatever ups and downs you come across in your life.*

A P J ABDUL KALAM

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ESMART 2K16

ECE department conducted one day public awareness program for women on 17th December 2016, as part of extension activity. This program helped women power to become aware about the efficient and safe usage of electronic and electrical equipments.

The specific objectives were :

- Expose the participants to efficient use of electronic and electrical equipments in our daily life.
- Safety measures and precautions.
- Power consumption tips.
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The session was inaugurated by Ms. Rosamma Sibi (Vice Chairperson, Ettumanoor Municipality). Ms. Lovely George, Ms.Beena Shaji, Ms. Usha Suresh (councilors), College Principal Dr. M. M. Paulose and Prof. Asha Panicker (HOD, ECE Dept) also lighted the lamp. The program was enriched with talks delivered by eminent faculties of Mangalam College of Engineering.

Talk on

- Energy consumption by Mr. Gopakumar MG, Asst. Prof. ECE
- Domestic Energy conservation by Mr. Reneesh C Zacharia, Asst. Prof. ECE
- Efficient Utilization of Domestic appliances by Ms. Simi P Thomas, Asst. Prof. ECE
- Lightning, safety & first aid by Ms. Resma Chandran, Asst. Prof. ECE
- Impact of Demonetization and Various Method Of E- Payment by Mr. Bose Tom, Asst. Prof. MBA

There was a lab session by the lab assistants Mr.Anoop, Mr.Bino, Mr. Christin, Mr.Prasanth, Mr.Febin, Ms.Lasitha and Ms.Aneesa. Thereafter a visit to radio Mangalam (91.2) was also arranged. The entire program was coordinated by Ms. Neethan Elizabeth, Asst. Prof. ECE and various committee members of ECE department. Almost 120 participants attended the program and effectively utilized.





TESLA 2016

The Electronics and Communication Engineering Department organized one day workshop - "TESLA 2016" (Technical Up-gradation & Skill Development Program for Laboratory Instructors) on 22nd December 2016. The program was designed to train lab instructors in the area of Internet of Things (IOT) and Raspberry Pi so that they can help students in guiding academic projects.

The primary goal of this program is to promote research and developmental activities in recent advancement in Internet of Things, also to promote scientific information interchange between researchers and developers. This program offer special project based learning approach including applications of various peripherals, sensors and social media applications using Raspberry Pi.

The specific objectives

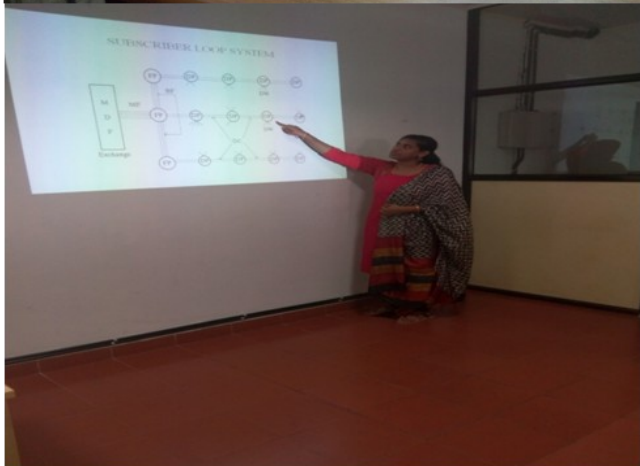
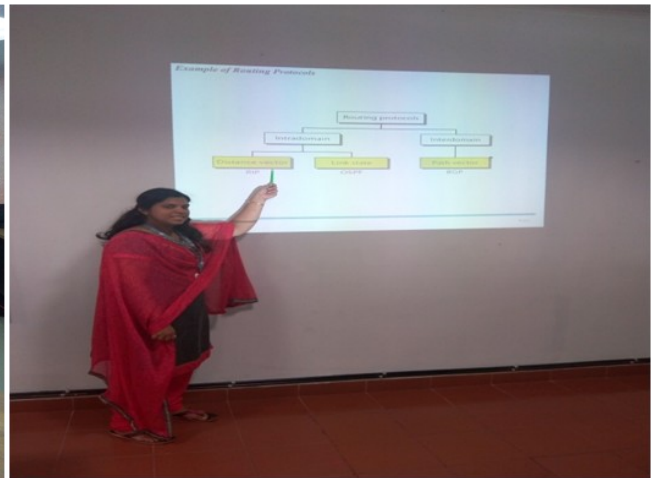
- Expose the participating Lab instructors to the technical activities in their colleges.
- Equip them with technical skills, practical knowledge and competencies for effective initiation of projects and developments for the students.
- Familiarize the current trends in single board computing system.





FACULTY LECTURE SERIES

- An expert talk on the informative topic "Deep Learning" by our eminent faculty Dr. Karthikeyan was held on 8th December 2016
- Ms. Sreelekshmi K presented a seminar on "Localization in under water networks" on 04/11/16
- Ms. Mariya Vincent presented a seminar on Novel Fuzzy based joint base station and relay station deployment schemes for 4G and beyond network on 04/11/16
- Ms. Mariya Stephen presented a seminar on "A unique technique for reducing the effects of hot carrier induced degradations in CMOS bistable Circuits for Fault tolerant VLSI Design" on 21/11/16
- Ms. Neethumul Jose presented a seminar on "Multistage adaptive Weiner filter for direct sequence ultra wideband systems" on 21/11/16
- Ms. Kriza Baby presented a seminar on "Dynamic Channel Allocation in Cognitive Radios" on 20/12/16
- Mr. Dhanoop K Dhanpal presented a seminar on A Cluster-based routing protocol for wireless sensor networks with non uniform node distribution" on 20/12/16
- Ms. Neethu Thomas presented a seminar on Non-uniform Unit Selection using Fuzzy ARTMAP for memory based Malayalam TTS" on 20/12/16





S3 ADD ON COURSE

As a part Of Curriculum Enrichment, an add on Course on PIC Microcontrollers is given to the Students of S3 ECE by Arvin Technologies, Ernakulam from 19/12/16 to 23/12/16. It Introduces the students an Introduction to PIC Microcontrollers, how to program PIC Microcontrollers in C Language, and demonstrated some interfacing in PIC EDK Board. It is an application oriented knowledge transfer to the students. They can get new information, re-learn and reinforce existing knowledge and skills, and most importantly have time to think and consider what new options can help them improve their effectiveness beyond the class rooms. The goal of the 5 day course is to create an impact that lasts even after the training ends



QUIZ WINNERS

Ms. Amrutha P Nair from ECE 1A won the first prize in the IEEE PES QUIZ 2016 conducted on Oct 4th 2016 as part of IEEE day celebrations and is selected for the next level, which will be conducted at Bishop Jerom College, Kollam



Ms. Gayathri Varma B and Ms. Radhalekshmi V R of ECE 1B have secured first prize in the QUIZ competition conducted by Civil Engineering department of Mangalam College of Engineering, on 22/12./16.





SAMBODHYA 2K16

As a part of Sambodhya 2K16 a Technical workshop on basic electronics for higher secondary students was conducted on 03/12/2016. This Workshop aimed to provide an opportunity for the school students to get hands on experience on applications of Physics. The workshop covered the fundamentals of Electronics & Communication, fun filled presentations and interesting experiments & projects.



EXTENSION ACTIVITY

One day class on “Introduction to Arduino module” was taken by Leon Creator on 04/11/16 for the S1 and S3 students at Digital theatre. The class covered the scope of Arduino and its basic concepts.

Dr. Karthikeyan Chittayil, Professor, ECE has taken a motivational class for the S1 students on 21/12/2016.





ALUMNI MEET 2016

The alumni meet took place on 26 December 2016, at Digital Theatre, Mangalam College of Engineering, Ettumanoor. The program was started in digital theatre with prayer song by Ms. Mariakkutty V V, of 2012-2016 ECE Batch. Prof. Sebastian Joseph, HCR, Training and Placement, Mangalam College of Engg. delivered the welcome address, who gave an overview of the program. After the welcome speech, Dr. Abraham Chettissery, Legal Advisor, MLMCE delivered the presidential address. After the presidential address, Prof. Asha Panicker, HOD - Electronics and Communication Engineering Dept., Prof. Reshma Kasim, HOD - Civil Engineering Dept., Prof. Vinodh P Vijayan, HOD - Computer Science and Engineering Dept, and Ms.Susan V Ninan, Associate Professor, Electrical and Electronics Engineering Dept. delivered felicitations. The interactive session started by 12.00 pm and ended by 1.00pm. After the interactive session Ms. Jyothisree K R, Asst.Professor, ECE Dept. delivered the vote of thanks.





CHRISTMAS CELEBRATION 2016

Christmas, the birth of Jesus is the most celebrated day in the world by all the people irrespective of their different religious beliefs. It is a festival that spreads Christ's message of peace, joy and love to the mankind. Merriment of Christmas has a long history and believed to bring goodwill. It is the time of loving and forgiving and to feel the joy and happiness of being loved & to love. May this Christmas be a joyous one as you ever had.

Christmas celebration was conducted on 23rd December 2016 at Digital theatre of MLMCE. The program started with a prayer by Rev. Fr. M.P. George and the auspicious occasion was fulfilled with the presence of our beloved chairman Er. Biju Varghese, Dr. M. M. Paulose, Principal MLMCE, Dr. Abraham Chettisseray ,Legal Advisor, MLMCE and HODs of various department. Our college choir team sang carol songs. Staffs exchanged Christmas gifts. Cake cutting ceremony was conducted and sweets were distributed among all.



MERRY CHRISTMAS
&
A HAPPY NEW
YEAR

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