



REFLECTIONS



Prof. Asha Panicker



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HOD'S DESK

ECE DEPARTMENT

Women who are the most dormant segment of Indian population have now become active participants in all walks of life. Now, women are becoming not only a significant unit of the society but also influencing the course of social change in society. Women are an important element of our Society. The modern society has started recognizing the individual identity of women. She is believed to have her aspiration, abilities and qualities as a man does have and it is also agreed that she should have the opportunities to develop her faculties and to express them according to her own choice.

The woman is now an important instrument of social change. The extent of woman's participation in the corporate life is thus the measure of social change in India. **Women Empowerment** refers to increasing and improving the social, economic, political and legal strength of the women, to ensure equal-right to women, and to make them confident enough to claim their rights, such as:

- freely live their life with a sense of self-worth, respect and dignity.
- have complete control of their life, both within and outside of their home and workplace.
- to make their own choices and decisions.
- have equal rights to participate in social, religious and public activities.
- have equal social status in the society.
- have equal rights for social and economic justice.
- determine financial and economic choices.
- get equal opportunity for education.
- get equal employment opportunity without any gender bias.
- get safe and comfortable working environment.

E-SMART 2K15

Women empowerment Program

20 NOV 2015

As part of extension activity of ECE department, we conducted one day public awareness program for women. This program served as a unique facilitating opportunity for all women 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.

The session was inaugurated by Ms. Rosamma Sibi (Vice Chairperson, Ettumanoor Municipality). Ms. Lovely George, Ms. Beena Shaji (councilors), Ms. Toshma Biju Varghese (Managing Editor, Kanyaka), College Principal Dr. Mary Thomas and Prof. Asha Panicker (HOD, ECE Dept.) delivered the talks.

Theory sessions were conducted in the FN session and lab classes in the AN session. The theory sessions were handled by the Assistant Professors, Mr. Reneesh, Mr. Gopakumar, Ms. Resma, Ms. Simi and the lab sessions by the lab assistants Mr. Anoop, Mr. Bino, Mr. Christin, Mr. Prasanth, Mr. Febin, Ms. Lasitha and Ms. Aneesa. The entire program was coordinated by Ms. Aswathi Gopan and Ms. Neethan Elizabeth under the leadership of Prof. Asha Panicker.

Almost 150 external women participants attended the program and effectively utilized the rare opportunity.



S1 ECE(KTU) EVENTS

OPEN HOUSE

An open house meeting was conducted on 31st to interact with the parents and to analyze their wards' performance in the exams. The Department Head, Prof. Asha Panicker, the class tutors and various course-in-charges attended the meeting.



EXHIBITION

An exhibition was arranged on 13th November 2015 for the 1st semester ECE students where they got an opportunity to experience the working of different microprojects done by the 3rd year students. A total of 13 projects were exhibited and the event was a motivation to the students.



GRAPHICAL SYSTEM DESIGN (LabVIEW) IN ENGINEERING APPLICATIONS

15-16 DEC 2015



LabVIEW provides the state-of-the-art way to effectively teach and learn basic and advanced engineering concepts using a graphical programming platform. Nowadays engineers and scientists rely on LabVIEW for a variety of applications: test and measurement, process control and automation, monitoring and simulation.

The objective of faculty development program was to present theoretical and practical concepts and hands-on in LabVIEW intended to teach participants tools of LabVIEW with an emphasis on various applications.

This Faculty Development Programme introduced the fundamental principles of graphical system design using NI LabVIEW. Hands on training with NI hardware was also given to the participants. The experts from NI, Bangalore conducted the training sessions.

Almost 30 external participants were there for the two day program which was being coordinated by Mr. Reneesh C and Ms. Sunu Ann (Assistant Professors) and the certificates were distributed by our respected Chairman Er. Biju Varghese.





ALUMNI MEET

27 DEC 2015



The alumni meet of the pass out students of ECE Department of Mangalam Engineering College was held as a grand event at the campus on 27th December 2015. It was attended by the alumni from the 2006 batch onwards. Following the registration of the alumni, there was a small interactive session held at the Digital Theatre.

The program started with a prayer song. It was followed by a welcome note by Prof. Asha Panicker, HOD, ECE in which she emphasised on the need of the hour for forming an alumni association. An informative talk by Dr. Abraham Chettiserry, Legal Advisor, Mangalam group of Institutions served as the presidential address. It was followed by talks regarding placement activities and admission activities by Mr. Ajith Joseph, Associate Prof. ECE and Mr. Mathew Alex, Admission Coordinator respectively. The alumni from each batch were called upon to share their views. The office bearers for the Alumni Association were unanimously selected from among the alumni. They were trusted with the responsibility of continuing the alumni meet in the coming years.

The meet was coordinated by the Assistant Professors Mr. Jibu, Mr. Rakesh, Ms. Jyothisree and Ms. Lakshmy.



INDUSTRIAL VISIT

09 NOV 2015

The students of S5 ECE visited Doordarshan Kendra at Kakkanad, Kochi as a part of their Industrial Visit. They got exposure towards different equipments used there and the transmission process. The students were accompanied by four faculty members.

STUDENT ACHIEVEMENTS

Kerala State Council for Science, Technology And Environment (KSCSTE) has selected two of our student projects to the final round of State Level Contest for "Innovative Engineering Projects KTU -TECH FEST 2015" and will award fund for the Project.

1. 'Electric Lineman Safety' by Jidhin, Jithin, Jerin, Diab
2. 'Smart Speed Governor' by Asish, Aparna, Ashitha, Anuja



PLACEMENT

Congratulations!



Jidhin John and Merin Jacob of S7 ECE got placed in ITC Infotech.



Jithin M Das of S7 ECE got hired by Ernst and Young.



Seethalakshmi and Hima S Nair of S7 ECE got placed in Aabasoft.



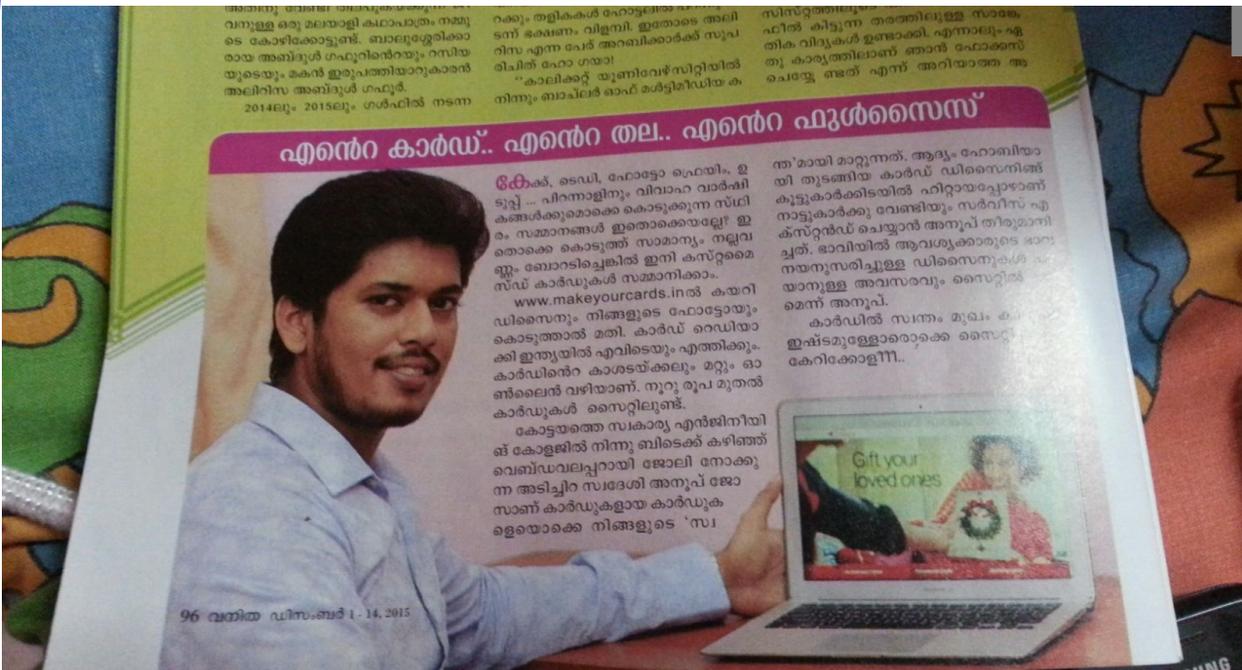


START UP

Makeyourcards.in is the most convenient way to make a totally unique, one-of-a-kind greeting card with our own words and photos. All we have to do is to add a little thoughtfulness!

They offer a wide range of spectacular greeting cards for every occasion. Choose our favorite design. Once we have finished uploading photos and payment, they professionally print our cards. Then ship them directly to us or stamp and mail them.

The brain behind this nice idea is Mr. Anoop Jose, who is an alumni of ECE dept. (2012 passout). Recently an article has been published in "Vanitha" magazine. We the department of ECE is very proud to have him as our alumni.



STAFF CORNER

WEDDING BELLS

Ms. Ankitha Chandran , Assistant Professor, is married to Mr. Achu M K on 20th November 2015. We wish her all the best for a prosperous married life.



FAREWELL



Ms. Mrudula K , who was a faculty member, served ECE dept. for one semester and left to join a company called Polycab in Gujarath. We extend our sincere gratitude for her services and wish her a bright future.

ACHIEVEMENTS

Kerala State Council for Science, Technology And Environment (KSCSTE) has selected two of our student projects for final round of State Level Contest for "Innovative Engineering Projects KTU -TECH FEST 2015" and will award fund for the Project.

1. The project 'Electric Lineman Safety' under the guidance of Mr. Jinu Issac Kuruvila, Asst. Prof., ECE, received an amount of Rs. 4200.
2. The project 'Smart Speed Governor' under the guidance of Mr. Gopakumar M G, Asst. Prof., ECE, received an amount of Rs. 2600.

XMAS CELEBRATION

18 DEC 2015

December is considered as a great season of goodwill and happiness. So Christmas is greeted with special merriment and rejoicing everywhere. It is an occasion for happy family gatherings and festivities.

The Department of ECE conducted the X'mas celebrations on Friday, December 18, 2015. The faculty members made a beautiful crib. Prof. Asha Panicker, HOD ECE and other senior members of the department delivered X'mas message. "Cutting the cake" function and exchanging of X'mas gifts made the celebration even more colourful and joyful.





FUN ZONE



1. WHAT IS UNIQUE ABOUT 8549176320 ?
2. OBTAIN THE RESULT 24 BY ONLY USING THE NUMBERS 8,8,3,3. (YOU CAN USE ADD, SUBTRACT, MULTIPLY, DIVIDE AND PARANTHESES SYMBOLS)
3. FIND A NUMBER WITH ITS LETTERS IN ALPHABETICAL ORDER. EXAMPLE: "FIVE" HAS "FIV" IN ALPHABETICAL ORDER, BUT NOT "E".
4. FIND A 10-DIGIT NUMBER WHERE THE FIRST DIGIT IS HOW MANY ZEROS IN THE NUMBER, THE SECOND DIGIT IS HOW MANY 1'S IN THE NUMBER ETC.. UNTIL THE TENTH DIGIT WHICH IS HOW MANY 9'S IN THE NUMBER.

4. 6210001000

3. FORTY

1. DIGITS ZERO - NINE IN ALPHABETICAL ORDER

2. $8/(3-(8/3))$

ANSWERS



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