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MESSAGE FROM HOD...

Once again congratulations for the editorial team for the great effort. I would like thank the entire faculty colleague for their effective contribution in the last semester which gifted one more fruitful semester with lot of academic and co-curricular activities. The upcoming semester we would like view with lot of hopes and passionate milestones which include practicing quality outcome based education and proving technical and academic friendly environment for the learners.

The industry scenario is rapidly changing than growing which

ultimately become huge challenge to the students to meet the requirements. The domination new technology like IOT, AI and bigdata offers lot of opportunities at the same time it invoke lot of challenges too.

I request all my students to be become a great fan of latest technologies and follow them passionately. At the same time I am sure that young generation is facing information overloading because of variety of gadgets they use, hence it is important to manage your quality time for spend for learning. I wish all stake holders a very good new year ahead.



Mr. Vinodh P Vijayan
Head of the department



INAUGURATION

The inaugural function of the association activities, MAC 2K17 took place on 11th October in the Digital theatre. It was buzzing with vibrant energy as the crowd comprising mostly of all the students to pour in.

Mr. Lentin Joseph (CEO Qubotics Lab/Robo academy, Kochi) was the chief guest. He is a highly passionate robotics enthusiast for 7 years and is currently serving as the CEO of

Robo academy. He has also conducted a talk on '**Recent Trends in Robotics**'.

The main attraction of the day was an Innovative Idea Competition on **DREAM MACHINE** which would be conducted for students and the award ceremony is also done for the winners. Our principal Dr. M.M Paulose was also there for addressing all.



FACULTY CORNER

eSight - For the millions of people who are legally blind, navigation is a routine challenge. Though support canes and guide dogs can help, they cannot mimic vision. Using augmented reality headsets and digital technology, eSight helps bring the real world to individuals who are legally blind.

Using a high-speed HD camera and two organic LED displays, video is processed algorithmically to enhance contrast and quality, which allows users

with vision issues to better see the world around them. It's a fully portable device, with roughly six hours of battery life that's controlled using an attached remote.

eSight provides sight with virtually zero latency. It allows a user to instantly auto-focus between short range vision to mid range vision to long range vision. eSight is the only device for the legally blind that enables mobility without causing issues of the imbalance or

nausea. A legally blind individual can use eSight not just to see while sitting down but while being independently mobile (e.g. walking, exercising, traveling, etc).



Ms. Jeny George
Asst. Professor, Dept of CSE

INDUCTION & ORIENTATION PROGRAM

The Induction Program was organized for all first year students from 24th to 29th July. The theme of the program is “**Guide through program in Engineering**”.

This program was organized keeping in mind that proper induction to engineering education and career could give the students clarity and objectivity on the program they are about to start. Social Service, Technical Talk, Department Interaction, Sports, Games, Webinar, Soft Skill Training and cultural programs were the highlights of the program. The program was inaugurated by the principal Dr. M M Paulose on 24.07.2017.

The second day started with **Social Service** arranged at Mariasadanam, a charitable or-

ganization in Palai, providing services to people with mental illness in Kerala. Attraction of third day was a **Technical Talk** on “Introduction to Computer Engineering, IT Industry and Innovation Space”, by Mr. Mridul George, Senior Software Engineer, Visual IQ and followed by soft skill training program.

A **webinar** has conducted on the next day by KTU Dean and the fifth day was fulfilled with a **technical talk** by Ms. Anna Prathibha Shobak(Department of CSE) and also conducted various games and cultural programs. An **Orientation program** has organized in the last day 29-7-2017 at Mammen Mappila Hall,Kottayam.



ONAM CELEBRATION-2017



FACULTY DEVELOPMENT PROGRAM

Our department organized a three day Faculty Development Program on the topic “**IT tools for Academics and Research**” from 06.12.2017 to 08.12.2017., to be facilitated to whole faculty members of the college. This program was conducted by ICT Academy of Kerala and it focuses on ICT tools for Engineering and Moodle.

The program was provided the participants awareness about various ICT Engineering Tools and hands-on experience in some of them. The training also introduced various features of MOODLE which include attendance marking, assignments, online tests, teaching notes creation and upload, auto-evaluation of tests, progress report etc.



SEMINARS @Schools

- As part of social commitment, our faculties conducted seminars on “Cyber Crime Awareness” at various schools.



STUDENT ACHIEVEMENTS

- ◆ As part of college chess team, our students Arun K Stanly and Kavya Jayakumar of S1 A, Joel D, Haritha Sajikumar and Sharon Abraham of S3B have secured the runner-up position of KTU C-zone CHESS Championship in both boys and girls categories held at AJCET.
- ◆ Our students of Ananthakrishnan of S7 A, Anandhu Shimon, Arif Muhammed and Akshay V Anil of S3 A have participated in the SS12 IEEE International Innovation:Project Competition which was conducted on 27 -07-2017.They have presented an IoT based irrigation automation system-Sprout.



ALUMNI CORNER

Most students are very curious to learn, make friends and live an independent life when they first enter college. They have a lot of expectations already set about college life. They are inspired by the films and look for what they see in the movies. Are you also one of them? ,I think you all now understood that college life we used to see in movies and all are just a fantasy ,at least in our college especially our department.

You may feel our department is too strict but in my life our department teachers and our

HOD played a great role for making me what i am today.

It is the age when students can learn and grasp a lot of insights in respect to the subjects they opt for and also in general about life. College life molds a person in many ways. You learn to work in a team, strive to be the best at what you do, involve yourself in groups and extracurricular activities - and all this just helps you develop a great personality!

Students must not only confine themselves to bookish knowledge but also they must follow the practical approach of

learning. To conclude college life is a sweet memory in every one's life. So, keep it sweet forever and ever. Wishes all the fresher students for the new academic year.



Gizza Merin Thomas(2017 Passout)

**Java Developer
Aestir Technologies**

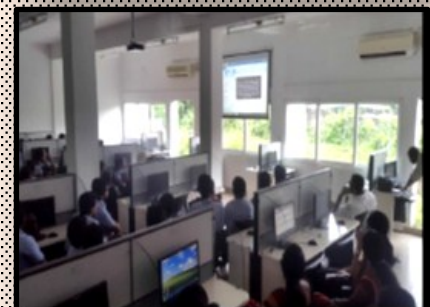
WORKSHOPS

- ◆ A workshop has conducted by Livewire Technologies on **Network Engineering** for the final year CSE students on 15th September. It was organized by **Mangalam Association of Computing & IEDC-Mangalam** and was taken in two sessions. Stepz India Technologies was the resource person. 80 Students were participated in this program.
- ◆ A workshop has organized in association with **CSI Student Chapter & Department Association-MAC** for S1 CSE students on **Online safety** to provide awareness among students regarding online safety and cyber security on 03/08/2017. Team from Bodhini (Kochi based NGO) was handled the sessions.



WEBINARS

- ◆ As part of induction program, a webinar arranged by APJ Abdul Kalam Technological University, Sankethaprevesham-2017, an Induction to Engineering Programme with emphasis on Start-up Culture.
- ◆ A live technical talk has conducted on the topic “The Future currency-Bit Coins” on 27-09-2017 for S3 students. The resource person was Mr.Gokul Alex,Infinity Labs,UST Global.
- ◆ ICT Academy of Kerala launched a live technical talk series on 29-08-2017 about industry relevance subjects. The program was organized by CSI of mangalam college and the main aim of this is to improve industrial connect with academia.



OUR PLACED STUDENTS..

Sl.No.	NAME	COMPANY
1	Herdilia Sunu	TouchQ Software Solutions
2	Manu Sajeevan	TouchQ Software Solutions
3	Akhila Nelson	Evobi Automations
4	Ananthakrishnan J	IVTL Infoview



NEWEST MEMBERS OF OUR FAMILY



Ms. Neena G Krishnan



Ms. Maria Baby



VISION

To become centre of excellence in computing and research where future generations embrace technologies wholeheartedly and use its possibilities to make the world a better place to live in.

MISSION

Enlight the young talents to achieve academic excellence as well as professional competence by imparting state of the art knowledge in computing and to be admirable individuals with ethical values and appropriate skills.

Program Educational Objectives

PEO1(Focus: Domain knowledge & Problem Solving)

Graduates will have strong foundation and profound knowledge in computing and be able to analyse the requirements of real world problems, design and develop innovative engineering solutions and maintain it effectively.

PEO2(professional Competence & Life long learning)

Graduate will adapt to technological advancements by engaging in lifelong learning and research, there by contribute to computing profession.

PEO3 (Focus: Ethics & Soft skill)

Graduate will foster team spirit, leadership, communication, ethics and social values, which will lead to apply knowledge of societal impacts of computing technologies.

Vettimukal P.O

Mangalam Hills

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