# INBOX CSE COMMUNICATIONS

GREETINGS FROM PROF. E GOPINATHAN

To foster global competencies among the students, the higher education institution is to be innovative, creative and entrepreneurial in their approach. I am very happy to note that the Department of Computer Science and Engineering is bringing out the next issue of their newsletter called "INBOX". There is a famous saying, "Skills, not degrees, take you far". There will never be a dearth of opportunities, but there is always a dearth of talent.

This newsletter is a best example of talent our faculty and students have shown in bringing out the various curricular and extra-curricular activities being carried out by the department during the last six months. The college administration too has taken sufficient steps to enrich the learning experiences of the students by proving them with the state-of-the- art technologies. I wish to congratulate the INBOX team in bringing out this newsletter.

Prof. E Gopinathan

Inside this issue:

FDP on Concept Coaching

A faculty development program was conducted by **E.V Swaminathan** from ICT Academy on 4th January to 6th January 2016 . He give a new way of teaching the concepts so that the students get full advantage of listening to classes.

The FDP covered different aspects of teaching, change management, visual, audio and kinesthetic way of learning mechanisms. It also had a micro teaching by all faculty.

Workshop on Netprenuership

The event was organized by Product development centre & IEDC of Mangalam college of Engineering on February 11th 2016. The workshop's targets group was young entrepreneurs and business aspirants.

The resource person was Mr. Sujai G Pillai, MyGov India ambassador founder of 2tion.com, Book Bucket Challenge & many more internets based services. The workshop mainly focused on topics like starting successful companies from an idea bud, social media marketing, funding mechanisms etc and certain live examples.

This event will give an opportunity to the young entrepreneurs to meet interact each other. In the afternoon section there was idea presentation competition "Eureka" hosted by the presenter himself.

JYOTHI 2K16-*"Awaken the women"*

The Department of Computer Science & Engineering organized a women empowerment programme "JYOTHI 2K16- Awaken the women within" on 11th March 2016. The chief guests of the event were Ms Divya S Iyer, Assistant Collector, Kottayam and Mr. V.G.Vinod Kumar, DYSP (DCRB), Kottayam.

The Assistant Collector inaugurated the function by lighting the lamp and declared Mangalam Campus as a Women friendly Campus. The Principal Mrs Mary Thomas gave the Welcome address and our Chairperson Mrs Toshima Biju

Varghese had the Presidential address. There was also a talk by the DYSP on the subject "Offences against women" which gave the audience a clear idea about outside world and how she should protect herself and what all she can do if anything happens.

The day also saw the traditional art form "Thiruvathirakali" which was performed by the highly talented faculties in the department.

Workshop on Share Market & Online Trading

The Innovation and Entrepreneurship Development Centre (IEDC) and Product Development Centre (IEDC) of mangalam College of Engineering jointly organized workshop on the topic " Share market & Online Trading" on 20th April 2016 at digital theatre.

The resource person from GEOJITH BNP, marketing agency will lead the workshop. Students and faculty members interested in online share trading are invited to

Alumni Corner

Jerin Jacob
(2015 Passout)
Software Engineer
UST Global

The soul of a professional story starts from a professional environment and truly, it's our college. In the beginning of my graduation career, frankly speaking, I never thought that I was into a competitive world. I have gone through a lot of up's and down's in this span of four years of my college life. The support from my family, teachers, and friends really encouraged me throughout the course. Every moment in college is still memorable and is always fresh and beautiful. Today, as a software professional, I can say that here it's all about responsibilities. I joined as a fresher with graduate knowledge. Trained from the scratch with all the company standards and most importantly to become a good responsible professional. Before Concluding, remember the world famous quote of Dr. APJ Abdul Kalam "**Sometimes its better to bunk a class & enjoy with friends, because now, when I look back, marks never make me laugh, but memories do**". Take your chances now. Good luck to all my Mangalam folks.

Placement Activities

Ms. Neena Susan Shaji

The Placement activities of CSE Department have set new records in generating placements for 2012 - 2016 Batch students. Till now we have received around 40 placement offers. Around 20 companies visited campus especially for CSE students and students have attended many pooled recruitment drives in different parts of the state. Many students got multiple offers from top companies. We provide rigorous individual grooming, career mapping, industrial visits, internship facilities, expert talks and guidance which have greatly endowed students to tackle and clear each interview this orientation helped their entry into top MNCs.

Student Achievements

- Mr.Manzoor Samad , S8 CSE secured third prize in Cerebro 2016 [National Level IT Quiz Competition] held at St. Joseph's College of Engineering & Technology , Palai, on 9th March 2016.

- He also secured First and Second in Web Designing event in Inter Collegiate Techno-Cultural Fest, DHRUVA 2K16 held at Christ Knowledge City on 27th of February 2016 and Lumiere 16, National Level Techno-Cultural Fest, conducted by College of Engineering, Kidangoor on 17th and 18th February 2016.

- Aparna Alphonsa Shajan and Anupama maria

Shajan of CS 4A participated in 3rd national level open karatae championship held at Uduppi on 2016 Jan 23rd and 24th and won price in several events.

Faculty Corner

Computer chip manufacturers furiously racing to make next microprocessor that will topple speed records. Microprocessors will eventually reach their speed limits. An alternative to transistor technology is DNA computing.DNA might one day be integrated into a computer chip to create, so called biochip that will push computers even faster.

 DNA computing is a branch of computing which uses DNA, biochemistry and molecular biology hardware. Adleman is the inventor of DNA computers.They used to solve complex problems and there capacity for memory storage is tremendous.

Enormous parallelism and extraordinary energy efficiency are other advantages.

Ms. Sruthy Emmanuel

Arduino Based Robot With Obstacle Avoidance

AnanthaKrishan J

Adruino project by AnanthaKrishan J of CS4 A project is based on a prototyping development board called as arduino. This automated robot is able to sense the obstacles in front of it and move avoiding those obstacles.

The basic sensor used is an HC-SR04 ultrasonic distance sensor which measures the distance between the obstacle using ultrasonic sound. Anantha Krishnan and Githin Suresh of CS-4A also presented this project in student project Expo in RIT EXPO 2016 from 10th to 13th February.

Student Publications

" Academic Success depends on Research and Publications"

- Manzoor Samad and Ajay Krishnan of CS8 published a paper on "Internet Based home appliance control "in Vidyarti, ICTAK Student magazine, Vol 1.

- Anathakrishnan J of CS4 A published a paper on "Arduino based Robot with obstacle avoidance in Vidyarti, ICTAK Student magazine, Vol 1.

Faculty Development Program

Three of our faculty members conducted Faculty development Program:

- FDP by Prof: Vinod P Vijayan on "Quality In Publications" was conducted on 27th of May 2016. He elaborated on how to judge the quality of a journal and the key terminologies for evaluating them.

- FDP by Assistant Professor Divya S.B. on" A Survey of Network Simulation Tools: Current Status and Future Developments" was conducted on 4th june

2016. She a gave comprehensive survey on current network simulators, their features, advantages and disadvantages, and discuss the current and future developments. This survey could be used as a good reference source for those who feel difficult to find the appropriate network simulators for their research or practical requirements.

- FDP by Assistant Professor Mitha Jose on "How Cloud Computing Propels IT Security" She described in detailed 7 ways of cloud computing that propels the IT Security.
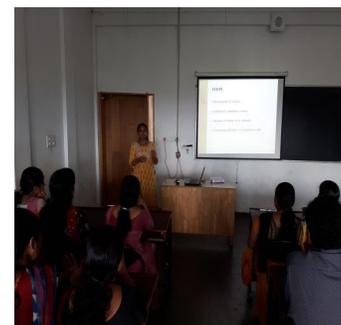
Farewell to our Students….

The department arranged a farewell party to the B-tech 2012-2016 batch students.

Our Placements...

Sl.No.	Name	Company
1	Basil Thomas	Speridian Technologies
2	Kevin George	
3	Manu Pothen	Mphasis Unleash the Next
4	Sachu K Shaji	
5	M. Ananthapadmanabhan	ibs Inventing future
6	S. Saividya	
7	Sandra Liya James	Oxygen
8	Renju Aravind	
9	Sachu K Shaji	
10	Bony Sunny	
11	Lukose Wilson	
12	Manu T Mohan	
13	Jinson Mathew	
14	Nimiya Alex	Tech Mahindra
15	Aswathy Rajendran	
16	Remya Jacob	
17	John Scaria	
18	Anjali R Nair	
19	Sruthi Treesa George	
20	Manu Pothen	

21	Neethu Jose
22	Manu Pothen
23	Manish Mohan
24	Krishnaprasad
25	Manu Pothen
26	Ananthapadmanabhan M
27	Gaurav Varghese
28	Jeena S Paul
29	Sreehari Chandran
30	Sumi Nettikkadan
31	Sreehari K Chandran
32	Anjali R Nair
33	Thejus Jose
34	Neethu Jose
35	Sachu K S
36	Renju Aravind
37	Krishna Prasad
38	Manu Pothen
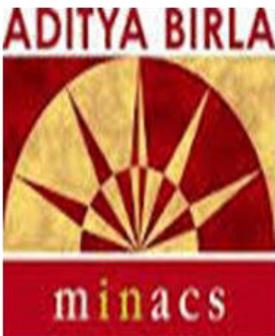
SUTHERLAND GLOBAL SERVICES

ADITYA BIRLA minacs

- Our Alumni Mr. PAUL GEORGE (2014 Passout) has won **"The Golden Beam Award"** for values from EY on May 2016.

MANGALAM
COLLEGE OF ENGINEERING
Inspire|Imbibe|Innovate

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 toung talents to achieve academic excellence as well as professional competence by imparting star 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.