



# Jyothi Engineering College

CHERUTHURUTHY

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

June – December

Volume 2, Issue 2

### OUR VISION

Creating eminent and ethical leaders in the domain of Computational Sciences through quality professional education with a focus on holistic learning and excellence.

### OUR MISSION

To create technically competent and ethically conscious graduates in the field of Computer Science and Engineering by encouraging holistic learning and excellence.

To prepare students for careers in Industry, academic and the Government

To instill entrepreneurial orientation and research motivation among the students of the department.

### Programme Educational Objectives (PEOs)

- ◆ The graduates shall have sound knowledge of Mathematics, Science, Engineering and Management to be able to offer practical software and hardware solutions for the problems of industry and society at large.
- ◆ The graduates shall be able to establish themselves as practicing professionals, researchers or Entrepreneurs in computer science or allied areas and shall also be able to pursue higher education in reputed institutes.
- ◆ The graduates shall be able to communicate effectively and work in multidisciplinary teams demonstrating value driven and ethical leadership

### Programme Outcomes (POs)

Graduates in the programme at the time of their graduation are in possession of:

- a) An ability to apply knowledge of mathematics, computing, science and engineering.
- b) An ability to design and conduct experiments, as well as to analyze and interpret data.
- c) An ability to design and construct a hardware and software system, component, or process to meet desired needs, within realistic constraints.
- d) An ability to function on multi-disciplinary teams.
- e) An ability to identify, formulate, and solve engineering problems.
- f) An understanding of professional, social and ethical responsibility.
- g) An ability to communicate effectively.
- h) The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- i) A recognition of the need for and an ability to engage in life-long learning.
- j) A knowledge of contemporary issues.
- k) An ability to use the techniques, skills, and modern engineering tools necessary for professional practice.
- l) An ability to develop software components using emerging technologies like JAVA, .NET, PYTHON, PEARL, PHP etc.

CSE

CSE

## Activities

### CESA

#### (Computer Engineering Students Association)

The inaugural function of CESA for the year (2014-2015) was organized on 24th July 2014, Thursday. The Chief Guest of the day **Pranav Kumar Suresh C.E.O. Startup Village** delivered the keynote address. He inaugurated the CESA website.



#### Tech Term:

#### Salami Attack

It is a Cyber Crime.

In the salami technique, cyber criminals steal money or resources a bit at a time.

The key here is to make the alteration so insignificant that in a single case it would go completely unnoticed.

E.g. a bank employee inserts a program, into the bank's servers, that deducts a small amount of money (say Rs. 5 a month) from the account of every customer. No account holder will probably notice this unauthorized debit, but the cyber criminal will make a sizable amount of money every month.



CESA organized a Seminar on the topic “Java Fundamentals” by **Anil Kumar R.V, Think Force, Ernakulam** for the CSE student on 21st August 2014 for the S5 students.

CESA organized a two workshop on “**HACKADROID**” was conducted on 23<sup>rd</sup>, 24<sup>th</sup> September 2014 by **Tech Defence, Ahmedabad**. Resource person of the day was **Mr. Mahesh Rakheja, Ethical Hacker- Tech Defense, Ahmedabad**.



M.TECH Induction Ceremony was held on 19st August '14 in Decennial Hall. The Ceremony was inaugurated by **Dr. T.V BABU RAJENDRAN**, Senior Professor, Dept of EEE, Vidya Academy of Science and Technology, Thrissur.



## Industrial Visit



**S4 CSE A** Industrial Visit – from 27/11/14 to 29/11/13 – Amritha Agro Industries, Nilambur, ACE Components & Electronics, Mysore & Khushal Plywoods, Coorg. They also went for sight seeing at Mysore, Coorg.

**S4 CSE B** Industrial Visit – from 27/11/14 to 29/11/13 – Cybrose Technology, KINFRA, Kozhikode & Polyflex Packaging Industries, KINFRA, Kozhikode. They also went for sight seeing at Wayanad and Ooty.



## Achievements



**Prof. Muralee Krishnan C** got "**SADHGURU AWARD 2014**" from University of Calicut which was presented by Vice Chancellor of University of Calicut on 19<sup>th</sup> September 2014 @ St. Joseph College, Irinjalakuda.



**Soorya M** got "**SADGUNA AWARD 2014**" from University of Calicut which was presented by Vice Chancellor of University of Calicut on 15<sup>th</sup>

*Mr. Gijo Varghese, Mr. Joe Mathew, Mr. Sanjo Simon of S5 & Mr. Viju Shankar, AP CSE* took a class on "*Computer Awareness Programme for School Students*" @ Govt. Higher Secondary School, Cheruthuruthy on



*Ms. Tessa Jose of S5 & Mr. Varghese John of S7* won First & Second prize respectively in **Best Technie** event. *Ms. Tessa Jose of S5* included in the "**Top FIVE**" & *Varghese John of S7* participated in Final Round of **Agon Quiz Competition event** which were conducted as part of "AZURE 14", a Tech Fest conducted by Amal Jyothi Engineering College,

*Mr. Gijo Varghese, Mr. Joe Mathew, Ms. Reshma R of S5* are selected for visiting TechFest IITD as part of participating in the workshop conducted by IEEE on "**Embedded System with Arduino**"



*Mr. Dany Varghese Mtech, CSE & Mr. Viju Shankar Asst. Professor, CSE*

Paper Name : **COGNITIVE COMPUTING SIMULATOR – COMPASS** was presented in **International Conference on Contemporary Computing and Informatics(IC3I)** by IEEE Bangalore section to be held in SJCE, Mysore, from 27 to 29 November 2014 and published in **IEEE Xplore Digital Library**

*Ms. Neethu Joseph Mtech, CSE & Ms. Aswathy Wilson Asst. Professor, CSE*

Paper Name : **Retrieval of Images using Data mining techniques** was presented in **International Conference on Contemporary Computing and Informatics(IC3I)** by IEEE Bangalore section to be held in SJCE, Mysore, from 27 to 29 November 2014 and published in **IEEE Xplore Digital Library**



*Ms. Neena George P, Ms. Midhya Mohan E of S7IT, Ms. Diana Davis Asst. Professor, CSE* published paper title : "**ZigBee Technology For Data Communication- A Comparative Study With Other Wireless Technologies**" in **International Journal of Advanced Research in Computer Science(IJARCS)** Vol-

*Ms. Neena George P, Ms. Silpa Johnson, Mr. Arif P.A, Mr. Naveen Pavitrana of S7IT, Ms. Diana Davis Asst. Professor, CSE* published paper title : "**Color Code –The Replacement for Bar Code**" in **International Journal of Computer Sciences and Engineering**



*Midhya Mohan E, Filma Mathew, Glemin George, Harikrishnan V, Vaneza Benny of S7IT, Bineesh M Asst. Professor, CSE* published paper title : **Lab Tracer- The Remote Desktop Technology in International Journal of Computer Sciences and Engineering (IJCS)** Volume 2, Issue 10, November 2014 ISSN No. 2347-2693 : PP 62-66



## Jyothi Engineering College

### Department Coordinators

EDC - Mr. Anil Antony, AP

CESA - Ms. Seenia Francis, AP

CSI - Mr. Bineesh M, AP

Dept. Library - Mr. Viju Shankar, AP

*In a world that's increasingly run on technology, computer science is a liberal art that every student should be exposed to regardless of their path in life.*

Result Analysis			
Semester		Pass Percentage	Topper
SI&2 B Tech	Batch A	66	Anumol (8.89)
	Batch B	53.33	Sona S (8.58)
S4 BTech		47.54	Minara P Anto (8.3)
S6 BTech		92.31	Soorya M (8.95)
S8 BTech		100	Athira Sasikumar (8.45)
SI MTech		82.35	Litti Tom (7.67)

Sl. No	Name	Company	Class
1	ANNA VARGHESE PADINJARETHALA	Infosys	S8 CSE (B.Tech)
2	CIJO JOSE	Infosys	S8 CSE (B.Tech)
3	JESNA.JOSE.K	Infosys	S8 CSE (B.Tech)
4	SOORYA M	Infosys	S8 CSE (B.Tech)
5	SREENATH V	Infosys	S8 CSE (B.Tech)
6	VINAYA K VISWANATH	Infosys	S8 CSE (B.Tech)
7	TWINKLE ANTONY	Infosys	S4 MTech CSE

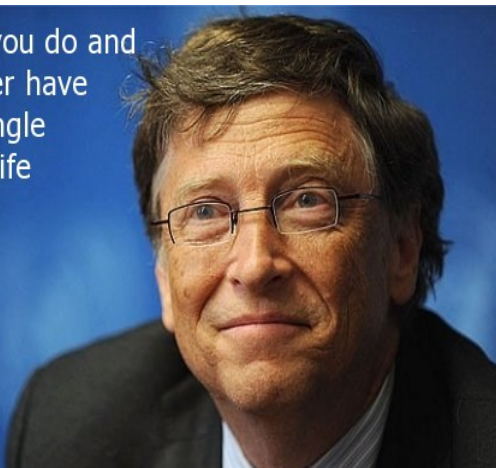
CSE

Department of Information Technology and Department of Computer Science & Engineering merged to Department of Computer Science & Engineering and **Prof. Muralee Krishnan C** is the Head of the Department.

### THOUGHT BITE

Enjoy what you do and you will never have to work a single day of your life

~ Bill Gates ~



### WIT BITE

