



Jyothi Engineering College

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWS LETTER

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PROGRAMME EDUCATIONAL OBJECTIVES (P E O S) :

- ◆ 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.

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.

PROGRAMME OUTCOMES (P O S) :

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

- An ability to apply knowledge of mathematics, computing, science and engineering.
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design and construct a hardware and software system, component, or process to meet desired needs, within realistic constraints.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional, social and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- A recognition of the need for and an ability to engage in life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for professional practice.

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.

To emerge as a leader in education in the region by encouraging teaching, learning, industry and societal connect.

Man is still the most extraordinary computer of all.

John F. Kennedy



EDITORIAL BOARD

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TECH BITE

Shadow IT is hardware or software within an enterprise that is not supported by the organization's central IT department.

Although the label itself is neutral, the term often carries a negative connotation because it implies that the IT department has not approved the technology or doesn't even know that employees are using it.

For example, end users use **DropBox** or other free cloud storage services to store corporate data.

THOUGHT BITE



"Computers are incredibly fast, accurate and stupid; humans are incredibly slow, inaccurate and brilliant; together they are powerful beyond imagination."

Albert Einstein

ACTIVITIES

Workshop

Conducted a two days workshop on "**Python**" at Jyothi engineering college, Cheruthuruthy on 31st July and 1st August 2015. Resource person of the workshop was Mr.Pankaj Kumar,Asst. Prof., FISAT.



PG Induction

Induction ceremony of third batch of MTech programme was conducted on 3/08/2015. Inaugurated by Rev. Fr. Jos Punnoliparambil, Executive Manager, Jyothi Engineering College, Thrissur.



Cluster Meeting Under KTU

Third Cluster Meeting for the MTech programme under KTU(Palakkad Cluster) was conducted in Jyothi Engineering college, Cheruthuruthy, Thrissur on 25/7/2015.The Chairman, PG Cluster, Dr. Jayakumar, Professor, NIT, Warangal, called the meeting. All the Principals and PG coordinators under this cluster was participated in this event.

CESA

CESA inaugurated by Mr. Satish Varma, former Vice president, TCS on 08/09/2015. CESA organized two days Workshop on

Robotics Swarm 16/10/2015,17/10/2015



MOOC

Mr. Thomas George K completed MOOC course in **Programming for Everybody(Python)** from **University of Michigan**.

Ms. Divya M Menon completed MOOC course in **Introduction to R Programming from Microsoft and Introduction to Computer Programming from IIT Bombay**

Ms. Aswathy Wilson, Bineesh M, Jyothis Ts, Aneesh Chandran, John Paul Martin, Seenia Francis, Namitha TN, Sobha Xavier, Reshma K V, Ninu Francis, Swapna B Sasi, Jisna V.A, Kumary R Soumya, Fousiya K.K, Majo John, Diana Davis and Snitha Thomas completed MOOC course in **Introduction to C++ from Microsoft**.

All Students of S7 IT and S3 MTech completed MOOC course on **Introduction to C++ from Microsoft**.

All Students of S1- MTech completed MOOC course in **Introduction to R Programming from Microsoft and Introduction to Computer Programming from IIT Bombay**.

Industrial Visits

S7 CSE Industrial Visit from 17/09/15 to 23/09/15 –Magic Tech Solutions, Hyderabad, WebNock Technologies, Chamarajapuram, Mysore and VWF Industries Ltd, Metagalli, Mysore. They also went for sightseeing at Hyderabad, Bangalore, Mysore and Coorg.

S3 CSE B Industrial Visit from 18/09/15 to 20/09/15 – VWF Industries Ltd, Metagalli, Mysore and Industrial Visit at WebNock Technologies, Chamarajapuram, Mysore. They also went for sightseeing at Mysore, Coorg.



S3 CSE A Industrial Visit from 21/09/15 to 23/09/15 – VWF Industries Ltd, Metagalli, Mysore and Industrial Visit at WebNock Technologies, Chamarajapuram, Mysore. They also went for sightseeing at Mysore, Coorg and Wayanad



PUBLICATIONS



Ms. Divya M Menon, Asst. Professor, CSE presented a paper entitled “Design of secure communication architecture for last mile communications in smart grid systems” on international conference on smart grid technologies, ICSGT 2015, august 6-8 2015.



Gowri Prasad M (S4 M.Tech CSE) and Fousiya K. K, Asst. Professor, CSE published a paper titled “ Named Entity Recognition for Malayalam Language: A CRF based Approach”, in IEEE sponsored International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Ma-



Diana Benny(S4 MTech CSE) and Kumary R Soumya, Asst. Professor, CSE published a paper titled “New Dynamic Self-Organizing Feature Maps for the classification of extracted feature vectors of characters” in IEEE sponsored International Conference on Robotics, Automation, Control and Embedded Systems (RACE), 2015.



Twinkle Antony (S4 MTech CSE) and Kumary R Soumya, Asst. Professor, CSE published a paper titled “New local adaptive thresholding and dynamic self-organizing feature map techniques for handwritten character recognizer” in IEEE sponsored International Conference Circuit, Power and Computing Technologies (ICCPCT), 2015.



Neethu Joseph (S4 M.Tech CSE) and Aswathy Wilson published a paper titled “Retrieval of images using data mining techniques”, in IEEE International Conference on Contemporary Computing and Informatics (IC3I), 2014.



Athira Ram (S4 M.Tech CSE) and Ms. Jyothis T S published a paper titled “Security improvement in fingerprint authentication system using virtual biometric” in IEEE International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2015



Prof. Rajappan Pillai took charge as the Head of The Department, Computer Science & Engineering with effect from 1st June 2015.

Prof. Rajappan Pillai, HOD has been nominated as an external auditor of KTU.

He is also the member of board of studies in Engineering(PG) of the University of Calicut.

ACHIVEMENTS



Mr. Sanjo Simon, Ms. Thasviya Haroon, Mr. Rejoice Wilson have received Computing and IT innovation students 2015 award for their project titled “**Interactive Learning Tool Using Augmented Reality**” under the guidance of Mr.Viju Shankar, Instituted by the University of Calicut.

Mr. Arun Rappai.C, Ms. Leenat Chacko, Mr.Alwin Vincent, Ms. Lia Pulikan have received Computing and IT innovation students 2015 award for their project titled “**Share point**” under the guidance of Ms. Jyothis T.S , Instituted by the University of Calicut.

Ms. Manju .B.Menon, Ms. Anmol Tony, Mr. Leyo Janko have received Computing and IT innovation students 2015 award for their project titled “**REDTACTON**” under the guidance of Mr. Bineesh .M., Instituted by the University of Calicut. They also got First prize in project presentation organized by Sree Narayana Guru Institute of Science and Technology, Eranakulam.



Ms. Tessa Jose of S7 CSE has been selected as **Internshala Student Partner (ISP)**.



Akash Thomas of S5 CSE has been selected as RJ at Asianet Best FM 95 and VJ at TCV.



Kerala Startup Mission (KSUM) in association with **Openfuel.org** conducted workshop on 19th, 20th, 21st October 2015 “**Startup i3**”. **Ashith S5 CS, Aatmaj S3 CS ,Manu S5 CE, varun S5 ME, Sharon S3 EC** got first prize for their innovative idea of the **Holographic Alarm Clock** conducted as part of the workshop and won cash prize of Rs. 15000/-

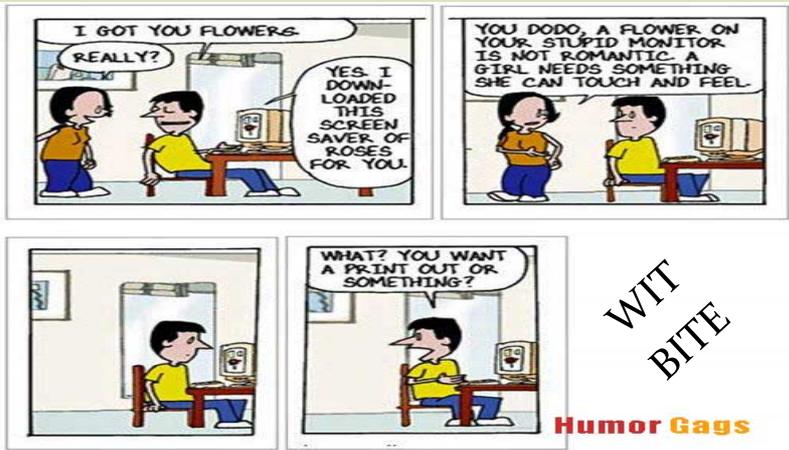
RESULT ANALYSIS

Semester	Pass Percentage	University Position	Topper
S8 CSE	98.8	2 nd	Soorya M,9.11
S8 IT	90	1 st	Maria Flower ,9.57
S5 CSE	62.3	-	Minara P Anto, 8.93
S5 IT	90.9	1 st	Ladlie Dias ,8.36
S3 CS A	73. 21	-	Fraceena Francis, 8.79
S3 CS B	53.66	-	Sona S, 8.5
S1 MTech	92.3	2 nd	Aparna U R, 8.17

HIGHER STUDIES(2012-2016 Batch, B.Tech)

The following students have joined for the higher studies in various institutions after their graduation .

Name	Course Name	Institution
Akhil A S	MTech	Amritha Institute, Kollam
Haritha R B	MTech	Jyothi Engineering College, Cheruthuruthy
Susan Shaju	MTech	Jyothi Engineering College, Cheruthuruthy
Roshmy George	MTech	Jyothi Engineering College, Cheruthuruthy
Veena P V	MTech	Amrita Viswa vidyapeedam, Coimbatore
Deepthi P Kuttichira	MTech	Amrita Viswa vidyapeedam, Coimbatore
Soorya M	MTech	Government Engineerin College, Thrissur
Donia Augustine	MTech	Thejus Engineering Col-lege, Thrissur
Varghese John	MBA	Christ University Institute of Management, Banga-luru



PLACEMENT

In addition to campus placement the following students of Jyothi Engineering college have got placement in various organiza-tions.

2012-2016 Batch		2013-2017 Batch	
Name	Company	Name	Company
Abin Joy	Ecodons Technologies, Infopark, Koratty	Tessa Jose	ITC, INFOSYS
Arun Jose	QBurst,Infopark, Koratty	Minara P Anto	ITC,INFOSYS
Niji Devassy	QBurst,Infopark, Koratty	Dalwin	ITC,INFOSYS
Sooraj Antony	Ernst and young (Cyber Sec Soc Team),Technopark, Trivandrum	Reshma	INFOSYS
Ann Teresa Kenny	Sotnotions Technolgies,Technopark, Trivandrum	Thasviya Haroon	INFOSYS
Nishal K R	Osica Technology,Thrissur	Milbin(IT)	INFOSYS
Joice Joseph	QBurst,Technopark, Trivandrum	Rakesh (IT)	INFOSYS
Ann Maria Antony	Fotpe Technology, Thrissur	Aparna (S3 MTech)	INFOSYS
Sini Jose	Amritha (Software Department),Thrissur		