



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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 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 with team spirit demonstrating value driven and ethical leadership.

PROGRAMME OUTCOMES (POs)

Students 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, Academia 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.

We are very happy to inform you that our college accredited by The National Assessment and Accreditation Council (NAAC) for three years w.e.f. 1st July 2016 and our programme Computer Science and Engineering of Jyothi Engineering College has been accredited by National Board of Accreditation (NBA) for three years w.e.f. 1st July 2016 !!!

This was possible because of support from the sincere efforts of Students, Alumni, Staff and Faculty members with active involvement and timely support and guidance from the Management and stakeholders including Industries/ Employers / Corporate for wonderful success !!!

ACTIVITIES

All the faculty of CSE attended the seven days FDP on “**Performance based Work Ethics**” at Jyothi engineering college, Cheruthuruthy from 13/06/2016 to 19/06/2016

Dr. Mohammed Abdul Wajeed joined as Professor in the CSE Department.



Dr. Wajeed

Ms. Aswathy Wilson participated in the **Syllabus Framing workshop of KTU** at Trivandrum on 14/06/2016



Ms. Aswathy

Under the banner of CESA, our VII semester students conducted a Project Exhibition which helped the junior students to acquaint with different areas and scope of the projects that they can do as part of their curriculum.



Ms. Jisna V A attended 5 days FDP on “**Life Skills**” at MITS from 11th July to 15th July

A Bridge Course on **C Programming** conducted for third year CSE (KTU) students from 11th July to 22nd July.

A mock NBA Audit was conducted by Prof. Joseph Joshy on 29th July. The venue was Department Library. The Mock Audit very much helped to examine the preparations and how we should present ourselves in the NBA audit.



Dr. C K Raju

An interactive session was handled by **Dr. C K Raju, HOD IT MES College, Kuttipuram** on “**Issues faced by Engineering Students**” with VII semester CSE Batch-A students

An interactive session was handled by **Dr. V Kabeer HOD CSE Farook College Calicut** on “**Career Development**” with VII semester CSE Batch-B students

CESA inaugurated by **Mr. Promode C E**, founder of Recursive Lab on 30/9/2016.

A Workshop on **RUST Programming Language** for V & VII semester CSE students by **Mr. Promode C E** on the same day under the banner of CESA.



Under the banner of CESA, Ms. Malini Bhaskar interacted with VII semester students and Mr. Abhilash interacted with V semester students through Skype.

VII semester CSE students have completed their final year Industrial Visits.



S7 A



S7 B

A Send off meeting to adieu Prof. Joseph Joshy, Director Startups and Assistant Administrator was held on 28th October 2016.



Prof. Joseph Joshy

Under the banner of IEI **World Habitat Day** was celebrated

CESA and R&D Cell jointly organized one day FDP on “**How to write a Research Paper**” on 10.11.2016. The program included three sessions – The topics **Structure of the paper & Language and Plagiarism** were handled by **Dr. Usha Menon**, the topic **Research – a stray thoughts** was handled by **Dr. V P Mohandas** and the topic **Intellectual Property Rights** was handled by **Dr. C K Raju**. All the faculty members of CSE and PG Students attended the FDP.

A talk on “**Soft Computing**” was organized by CSI Jyothi Student Chapter on 22-11-16 by Dr. V P Mohandas. Faculty members of CSE and PG Students attended the talk on “Soft Computing” by **Dr. V P Mohandas** on 22-11-16.



Ms. Seenia Francis and Mr. Dany Varghese attended 5 days FDP (28/11/2016-2/12/2016) on Theory of Computation at Sahrudaya College of Engineering and Technology

Contd.

EDITORIAL BOARD:

Chief Editor: Dr. C K Raju HOD, **Sub Editor:** Ms. Reshma K V

Executive Members: Jithin S3 MTech, Alfin Lawrence S7, Lipin Pius S5, Immanuel S3

Ms. Aswathy Wilson attended five days FDP (29/11/2016- 3/12/2016) on **Essential Mathematics for Engineers** at Vidya Academy of Science and Technology



Ms. Aswathy

Ms. Jyothis T S attended PG cluster meeting of KTU at **Sreepathy Institute of Management and Technology**.



Ms. Jyothis

A Send off meeting to adieu **Dr. Mohammed Abdul Wajeed**, Professor of CSE department was held on 30th November 2016.



Dr. Wajeed

All the non teaching staff of the department CSE participated and secured certificates in FDP organized by **Jyothi Engineering College** for nonteaching staff on the topic **“PERSONAL EMPOWERMENT”** which was powered by **ICT Academy of Kerala** on 30th November 2016 to 2nd December 2016.

Department conducted a FDP on **“Machine Learning”** on December 7th, 8th and 9th 2016. Sessions were handled by eminent resource persons– **Dr. Govindhan V K** (Professor, Indian Institute of Information Technology, Kottayam), **Dr. K P Soman** (Professor and HOD, Centre for Computational Engineering and Networking, Amrita University, Coimbatore) and **Mr. Vinith R** (Research Scholar, NIT, Calicut).

Mr. Bineesh M, Mr. Aneesh Chandran, Ms. Ninu Francis, Ms. Reshma K V, Ms. Jisna V A, Ms. Sobha Xavier and Ms. Snitha Thomas have participated and secured certificates in Two Day Workshop conducted by ECE department of Jyothi Engineering College on the topic **“Simulation using NS3”**.

ACHIVEMENTS

Ms. Jisna V A, Ms. Sobha Xavier, Ms. Ninu Francis published a paper titled **“ZigBee Security for home automation: A comparison of different approaches”**, in International Journal of Computer Science Trends and Technology (IJCS T) – Volume 4 Issue 3, May - Jun 2016



Ms. Jisna



Ms. Sobha



Ms. Ninu

Mr. John Paul Martin secured **PhD** Admission at **NIT Surathkal**.

Mr. Anil Antony participated in **IEDC Summit Trivandrum**.



Mr. John



Mr. Anil

Ms. Sona S selected as Student Member in **ECell IIT Bombay**.

Mr. Allen Francis Antony of V semester selected as **Internshala Student Partner**

Ms. Sona S of VII semester secured the first prize in **Start-up i3** competition at **Al- Ameen Engineering College, Kulappully**. And **Mr. Deen Shifaz** of VII semester secured the third prize in **Start-up i3** competition.



Ms. Sona S



Mr. Allen



Ms. Sona S



Mr. Deen

Ms. Sona S, Mr. Jithin Joy C, Mr. Simpson Joseph Stanley of VII semester participated and presented the project in **IEDC Summit, Trivandrum**

Mini project named **VOXIO** by **Ms. Sona S** and **Mr. Jithin Joy C** got selection as one of the best projects in **Dyuthi Project Expo 2016** at **Saintgits College of Engineering, Kottayam**



Ms. Sona S



Mr. Jithin



Mr. Simpson



Mr. Jithin



Ms. Sona S

Mini project named **Holographic Display** by **Mr. Alfin Lawrence, Ms. Agna Bastin, Ms. Anna Joby, Mr. Deen Shifaz C** got selection as one of the funded projects **KSCTE & KTU** under the guidance of **Ms. Sobha Xavier C**



Mr. Alfin



Ms. Agna



Ms. Anna



Mr. Deen

Ms. Sona S and **Mr. Sevier Tom** are selected for final round the **Tech Fest** at **IIT Bombay**



Ms. Sona S



Mr. Sevier



Toppers

| Name | Semester | Batch | CGPA |
|---|-----------|-------|------------|
|  Ms. Tessa Jose | VIII | CSE | 8.64 |
|  Ms. Jisna P J | VII, VIII | IT | 8.18, 8.77 |
|  Ms. Minara P Anto | VII | CSE | 8.73 |
|  Ms. Freceena Francis | V | CSE A | 8.95 |
|  Ms. Sona S | V | CSE B | 8.48 |

Congratulations!

Congratulations..!



Ms. Soorya M
CGPA: 9.17



Ms. Mariya Flower
CGPA: 8.59

We feel happy and privileged to announce that our students Ms. Soorya M of CSE and Ms. Mariya Flower of IT Department secured First rank in Calicut University BTech Programme 2015.

WIT BYTE



TECH BYTE

Funnel

Series of events or actions a person takes in moving from being a potential customer to an actual customer.

Example: Visit a website, then sign up for a newsletter, and then buy a product.

QUOTE BYTE

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

-Albert Einstein

We are Placed...!

Congratulations!

Mr. Nikhal Rajan P of S7 CSE B placed at **EXPERION TECHNOLOGIES**.



Mr. Nikhal Rajan

Ms. Dhanya Iyer of S7 CSE A, **Ms. Lakshmi**, **Mr. Umesh Nair**, **Ms. Sanjana Vinod** of S7 CSE B placed at **Sutherland Technologies**.

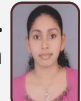


Ms. Dhanya Iyer Ms. Lakshmi



Mr. Umesh Nair Ms. Sanjana

Ms. Aleena Sebi of S7 CSE A and **Ms. Sreelakshmi G** of S7 CSE B got placement in **SLK software**.



Ms. Aleena Ms. Sreelakshmi

Ms. Anagha Paulson and **Ms. Haritha G** of S7 CSE A, **Ms. Sreelakshmi G** and **Ms. Sona S** of S7 CSE B got placement in **IBS**.



Ms. Anagha Ms. Haritha



Ms. Sreelakshmi Ms. Sona S

Mr. Ashith Wilson of S7 CSE A and **Ms. Swathi K Sukumaran** of S7 CSE B got placed in **Poornam Info Vision**.



Mr. Ashith Ms. Swathi