

CREATING TECHNOLOGY  
LEADERS OF TOMORROW  
ESTD 2002

# CSE NEWS letter



## Computer Science and Engineering

Jyothi Engineering College is a Center of Excellence in Science & Technology founded by the Catholic Archdiocese of Thrissur situated in Cheruthuruthy, Thrissur.

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### Core Values

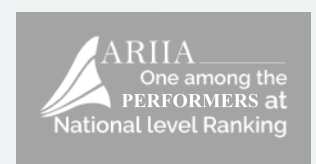
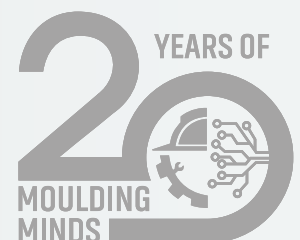
| Faith in God and man | Love of fellow beings | Belief in  
Universal Citizenship | Moral integrity | Social commitment |

### Mission

- » To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-of-the-art facilities.
- » To equip the students with appropriate skills for a meaningful career in the global scenario.
- » To inculcate ethical values among students and ignite their passion for holistic excellence through social initiatives.
- » To participate in the development of society through technology incubation, entrepreneurship and industry interaction.

### Vision

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.



# Computer Science and Engineering

## Department Vision

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

## Department 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.

## Programme Educational Objectives

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

Students in the programme at the time of their graduation are expected to possess the following capabilities :

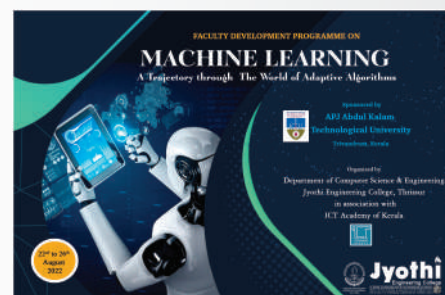
1. Ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Ability to Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Ability to design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. Ability to use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.



5. Ability to create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. Ability to apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Ability to understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ability to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Ability to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings
10. Ability to communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Ability to demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Ability to recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## Department Major Activities

Conducted KTU Sponsored Faculty Development Programme on MACHINE LEARNING: A Trajectory through The World of Adaptive Algorithms August 22 nd -August 26th, 2022 Organized by Department of Computer Science and Engineering in Association with ICT Academy Kerala



The annual activities of students association, CESA (Computer Engineering Students Association), will be inaugurated on Friday, 11 November 2022 at 02:30 p.m at Auditorium. Chief Guest : Mr. Serin Paul, Product Manager, GoTo Group

## Faculty Achievements

Mr. Anil Antony led a session “Everything you need to know about Python”, for the students of VHSE Aryampadam organized by Department of General Education VHSE Wing and IIIC Jyothi Engineering College.







Dr. Saju P John for being nominated as the Governing Body Member of Mar Baseleose Peerumedu

Ms Sonia Joseph Qualified UGC NET 2022



Ms. Aswathy Wilson appointed as Academic auditor of KTU University in 2021-2022



Dr. Saju P John appointed as Academic auditor of KTU University in 2022-2023



## Student Achievements



Mr. Arun K Nair CSE S3 A student for being selected as the Campus Mantri by GeeksforGeeks for the year 2022 -23.

Aleena Babu of S7 CSE got placed in IBM



Deo Shaju, Govind Raj R, Muhammed Zakim, Nitish T, Sraddha Sateesh of S7 CSE were placed in 6D Technologies.



Team Thinker Bytes ( Sidharth S Unnithan S7 CSEB , Ajin K J S7 MR and Benat Jose S7 MR) won 2nd prize in 24-hrs hackathon LiteBytes conducted by IEDC GECT, Sidbi and Swavalambhan Chair For MSME Solutions on 24th and 25th Nov, 2022 at Government Engineering College, Thrissur

Ms. Andrea Sunny from CSE S3 A selected to APJ AKTU Basketball team for inter University tournament 2022-23.



Sneha C Shaji, has selected as GHC Scholar'22 (Grace Hopper, is organized by the Anita Borg Institute for Women and Technology.)



S7CSE Students Team Trogen Horse got second in the Magnathon 24 hours national level hackathon conducted by college of engineering, vadakara Team Members- Deo Saju, Aneena E A, Maria Rose Thayil, Nazish mohammad.



Sanchez Joshy, Fasna Faisal and Tara Martin were placed in Cognizant.



ABIN BIJOY, AKHIL JOSE, ALAN JOSE and ATHUL MURALI T of S3 CSE(A) have passed the Swayam/NPTEL MOOC course on "Problem Solving Through Programming in C" conducted by Indian Institute of Technology Kharagpur.



Mr. Ageto Sunny from CSE S3 A selected to APJ AKTU Volleyball team for inter University tournament 2022-23.



Team UnicornDev ( Sidharth P, Kiran T Suresh, Sidharth S Unnithan from S7 CSE B) got the Best Education Product Category Award for the event Error 404 Hackathon Conducted by Micro Company from 19th to 22nd August 2022.



Ann Merin and Gowtham of S7 CSE A got placed in SOTI - 7.5 lakh/Annum



Following students of S3 CSE were participated in  
**TECHFEST 2022 of KSCSTE:**

Sarath S Nair, Sneha P S, Steve Tanex, Krishnasri (AGROSHIELD)  
Vishnudath M, Alita Antony, Sachidhanand, Merilyn JOYSON (KRATOS).

Following students of

**S7 CSE were Placed in TCS:**

A Krishnaprasad, Annrose Jenson,  
Anurag N Nair, Mariya Rose Thayyil



Following students of

**S7 CSE were Placed in Cognizant:**

A Krishnaprasad, Adel Yahiya Ali, Akshara C, Aleena Babu, Aleena Lorance, Alex C Prakash,  
Anaida Babu M, Anjana P S, Ann Rose Jenson, Arshad M, Ashlyn Joshy, Ausni Elizebath C,  
Christeena Edison, Fincy Shafi, Govind Raj R, Gowtham Krishna K, Maria Rose Thayil, Mohammed,  
Namita Joseph, Nehel Sunny, Pranav K, Sanjay Krishnan P, Sidharth S Unnithan, Sijukrishnan R,  
Sradha Satheesh P, Seby (M Tech )

