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

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

Mission
- *To emerge as an institution par excellence of global standards by imparting quality engineering and other professional programmes with state-ofthe-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.*

Department Vision

Creating ethical leaders in t he domain of Computational Sciences through quality professional education with a focus on holistic learning and 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.*

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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

Dr. Saju P John appointed as Academic auditor of KTU University in 2021-2022

Ms. Lufiya George C has successfully Completed three AICTE 12 week course of National Initiative for technical Teachers training from Online Swayam Platform

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

2. Consolation prize in all Kerala Hackathon organized in connection with NAtional Science Day 2022 by ICAR-institute of Spices Research, Kozhikode under the supervision of Ms. Aswathy Wilson

3. Team Uni_Ted was declared as the runner-up of the IPL HAckathon organized by KSUM at the IEDC Summit 2022 and team received cash prize of 10000 rs under the supervision of Aswthy Wilson

4. Ms. Aswathy Wilson participated in the conclave of Women in Business

Faculty Achievements

Student Achievements.

1. *Students from S4 CSE Abhin Murali, Anusha Joseph, Arjun M S, Edwin Moncy, Sneha C Shaji had participated in Hackathon conducted by Kerala STARTUP MISSION, KALAMASSERY on May 2022*

2. *Our student Sneha C Shaji form S4 CSE B participated in Build-A-Thon conducted by Kerala STARTUP MISSION, KALAMASSERY on May 2022*

3. *Sneha C Shaji From S4 CSE B participated in Coding competition conducted by Tinkerhub TKMCE*

4. *Aneena E A, Deo Saju, Mariya Rose Thayil, Sidharth S Unnithan, Sidharth P has secured first prize in Hackathon conducted by GEC Thrissur*

5. *Students from S6 CSE Sidharth P, Kiran T Suresh, Pranav K has participated in Hackathon conducted by FISAT on May 2022*

6. *Aneena E A, Deo Saju has secured first prize in HAckathon conducted by TKM COLLEGE OF ENGINEERING KOLLAM*

7. *Aneena E A, Deo Saju, Mariya Rose Thayil, Sidharth S Unnithan has secured second prize in Hackathon conducted by CHRIST COLLEGE OF ENGINEERING*


8. *Sidarth S Unnithan From S6 CSE participated in BUILD-A-THON conducted by KSUM KALAMASSERY*
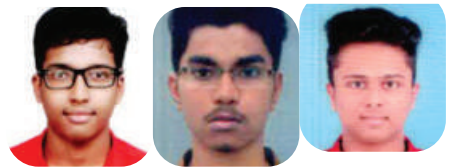
9. *Rosmin John C , Sruthi P A, Manu Madhav, Praveen S, Praveen Kumar, Sanjon Rion, from S4 CSE has successfully completed the workshop conducted by Jyothi Engineering college Cheruthurthi*

10. *Rosmin John C and Srtuhi P A participated in coding competition conducted by Jyothi Engineering College Cheruthuruthi*
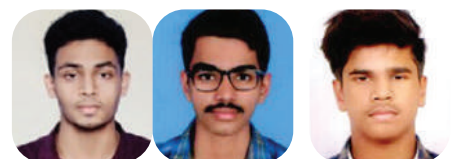
11. *Ajsal Iqbal E P,Vishnu Prasad V S, Sanjo T S, Nived Raj P, Vishnu Dath P R, Sarin Madhav M have successfully completed the Cyber security and ethical hacking workshop organized by CET Trivandrum on June 2022.*

12. Our student from S3 M. Tech CSE Jeena Varghese got placed in HCL.

Student Achievements.

Student Achievements.

13. Our students from S5 CSE team UNICORNDEV had qualified for the state level Yuva BootCamp 2021 as one of the top two teams from the Thrissur District.
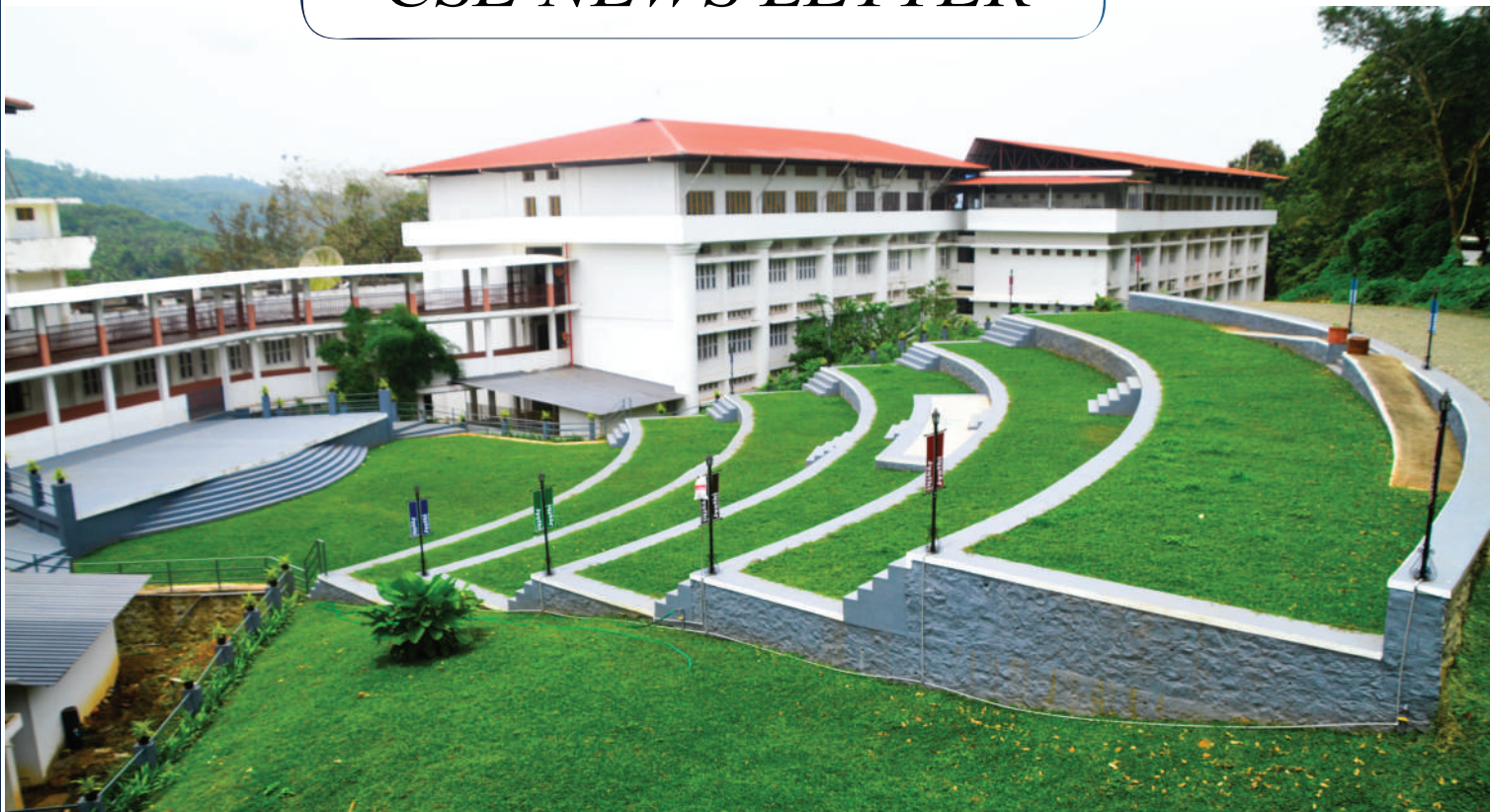
14. Our students from S7 CSE Adithya HAridas, Amal Sebastian, Anit Mary, Edwin T joy, G Ramgopal, Harsha, Jissy Joy, K Ajishkumar, Kailashnad, Kevin, Nair Midhun, Raichel, Sarath C P, Shafna, Shemy Shabu are placed in VIRTUSA Corporation

15.Students from S6 CSE Sidharth P, Kiran T Suresh, Pranav K has participated in Hackathon conducted by FISAT on May 2022

CSE NEWS LETTER