DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING VOL. 13 MAY 2023

icon
ANNUAL NEWSLETTER

Programmes

- ♦ **B.Tech in Computer Science and Engineering**
- ♦ **B.Tech in Computer Science and Design**
- ♦ **M.Tech in Artificial Intelligence and Data Science**
- ♦ **Ph.D in Computer Science and Engineering**

VISION

To become a centre of excellence, moulding quality Computer Science professionals, catering to the ever-changing needs of the industry, society and promoting quality research.

MISSION

Department of Computer Science and Engineering is committed to :

M1- (Teaching-Learning) : Inculcate a passion for academic excellence through innovative teaching and learning process.

M2- (Develop Entrepreneurial Skills) : To create opportunities for students to pursue research and develop entrepreneurial skills.

M3- (Social Skills) : Nurture the students to be technically competent, morally upright and socially responsible computer science engineers to meet global challenges.

AT A GLANCE...

Mr. Shimith P R
Chairman, FISAT

As a College Chairman, it gives me immense pleasure to see our CSE department progressing consistently year after year. The Computer Science and Engineering Department is a core department of the college, and we take pride in the quality of education and the research guidance that we provide to our students. I believe that the newsletter will serve as a window through which the complete profile of the academic and co-curricular activities, achievements and progress made during the stipulated period can be viewed. Hearty congratulations to each and every one behind this success.

Dr. Manoj George
Principal, FISAT

It gives me immense pleasure to address you all through this department newsletter. CSE department has always been known for its academic excellence, and I am pleased to say that this trend has continued in the current academic year as well. This is a testament to the quality of education and training that the CSE department provides. Apart from the academic achievements, the department has also made significant progress in research and innovation. The faculty members as well as students have been actively engaged in research activities, and have published several papers in reputed journals. In conclusion, I would like to congratulate the students and faculty members of CSE department for their outstanding achievements. I am confident that they will continue to make great strides in the coming years, and will continue to uphold the high standards of excellence that the department is known for.

Dr. C Sheela
Vice-Principal,
FISAT

It is a matter of great pride and satisfaction for FISAT to bring out the Newsletter 'ICON' released from the Department of Computer Science and Engineering. I am confident that this edition of the Department Newsletter will send a positive signal to the staff, students and all those who are interested in the Technical education and Technology based activities. A Newsletter is like a mirror which reflects the clear picture of all sorts of activities undertaken by a Department and develops writing skills among students in particular and teaching faculty in general. I congratulate the Editorial Board of this Newsletter who have played a wonderful role in accomplishing this task. Also my heartfelt Congratulations to the staff members and the students for their fruitful effort.

Dr. Mini P R
Dean (Academics),
FISAT

Over the past year, we have made significant progress in several areas. Our faculty and staff have continued to produce ground-breaking research, publish influential papers, and win prestigious grants and awards. Our students have excelled both in their academic work and in their extracurricular activities, demonstrating their creativity, passion, and dedication to their chosen fields. I am sure that the newsletter will be a repository of news and information regarding the innovative events and programmes organized by the department for the year 2022.The initiatives taken by the faculty and students in the department deserve appreciation. I wish all the success for their Newsletter ICON-2022.

From HoD's Desk

"All of us have an equal opportunity to develop our talents"
- A P J Abdul Kalam

Greetings!!!

Dr. Jyothish K John
Professor & HoD

The department has become the largest in the institution with four undergraduate programmes, a postgraduate programme and Ph.D. Programme. The total number of students in the department is 716 and will soon be growing to 1000. The achievements of the department during the last year is portrayed in the Newsletter. I would rather focus on the challenges and the matters deserving immediate attention. The growing demand in the IT industry has given the institutions in Kerala, inspiration to increase the intake or to start allied courses.

The maintenance of quality and also the adherence and accomplishment of outcomes stipulated by the programmes deserves atmost importance. The desired level of attainment of outcomes of the new programme will lead to a separate realm of placement and career. The reaccreditation of NAAC and compliance audit of NBA is the priority of the department. The institution has to get itself included in the National Ranking introduced by the leading agencies in the immediate future itself. The Programme results have to be improved and brought above 80% marks. This will lead to an improvement in the number of students eligible for placements.

The research activities and enrolment of research scholars has increased over a couple of years. More faculty is presently eligible for the supervisorship of APJKTU. Encouraging quality publications of faculty and students is always the priority of the department as well as our institution. This will enhance the activity of research centre and improve quality research. The department has a good number of Ph.D. holders and majority are pursuing their academic research presently.

The department has appointed an adjunct faculty to give the students awareness about industry standards and practices. However, the gap between Academia and Industry is not at all addressed in the prescribed curriculum. Conscious efforts have to be made by the department to address the issue. More Industry projects have to be brought to the campus to bridge the gap. The challenge is to make the faculty and students equipped with new industry benchmarked technology and practices. This will be the focus of the department for the coming year. Besides that, the department must establish industry supported laboratories too.

The institution may step to the new status of being autonomous where our department should be able to take a leading role having the greatest number of programmes and student strength.

RELEVANCE OF THE B.TECH. COURSE - COMPUTER SCIENCE AND DESIGN

To address the growing need for engineering talent with skills in digital technology, AICTE has collaborated with leading industry leaders and academicians and designed a 4 years undergraduate programme on Computer Science titled "Computer Science and Design (CSD)". The programme has a small set of core courses in Computer Science and Design, and many electives which can be taken from Computer Science as well as Design and Digital Media.

Dr. Prasad J C
Professor, CSE Dept.

The course is appropriate for those who want to deepen their grasp of the principles, boundaries, and potential of computing. This course is also appropriate for those who are capable of designing and implementing effective software solutions utilising appropriate algorithms, data structures, and other computing approaches.

This course is perfect for those who wish to comprehend design concepts and approaches and have the skills to use them to create solutions to societal and human problems.

The B.Tech in Computer Science and Design(CSD) aims to create versatile software engineers who are well proficient with computing approaches, tools and technologies and are experienced with new Media Technologies and Design approaches. This undergraduate programme combines fundamental design courses with strong programming foundations. Students who complete this degree are well-prepared for a wide range of employment in fields like games, arts, entertainment, digital analytics, mobile application development, web/product design, cyber security, multimedia, and other interactive businesses around the globe. The Job roles include Software Engineer, Games Developer, 3D Programmer, Web Developer, Programmer, Cyber-Security Consultant, Data Engineer, Database Graphics Designer, Information Systems Manager, Multimedia Programmer, Machine Learning Engineer, Mobile Application Developer and Systems Architect. Job opportunities in a variety of sectors, including Government organisations, IT industry, education and research, are available to the graduates of the CSD programme.

Computer Science and Design graduates are in high demand across the globe in the current era. FISAT is the institution standing with the highest priority for CSD admission in Kerala. The students will develop the ability to design creative solutions in areas such as animation, AI-powered gaming, virtual reality, augmented reality, etc. The ability to design can be expanded to include leveraging Human Computer Interaction (HCI) and better product visualization to solve the challenges in the present. Some of the major topics covered in this course include Programming Languages, Software Development, Website Construction, Image Processing, Spatial Computing, Media Computing, Animation and Graphics, Game Design and Development, Fundamentals of Video and Photography for Engineers, 2D and 3D Animation, Human Centered AI, Robotics, Virtual Reality etc.The first year of study has subjects common to all engineering branches, and the remaining years of study comprises of core subjects and electives in CSD under KTU. After finishing the CSD course, students have the option of continuing their education in Design, Computer Science or Information Technology.

Humanoid Assistive Robot MiKa

The students of the Department of Computer Science in collaboration with IEEE FISAT SB and Center of Excellence in Robotics (CER) have developed a Humanoid Assistive Robot for Kochi Metro Rail Limited (KMRL) named MiKa under the mentoring of Mr. Mahesh C, Assistant Professor, CSE. The students of eighth semester - Rohit George Thomas, Sanjay Johny, Naigal Roy, R Sreyas, Vignesh S Kumar, Pranoy Lloyd, Vinayak Jayananth and Ayisha E A have been part of this team. With AI-based speech recognition system, the robot can communicate with passengers, handle the usual FAQs, and also be able to guide and provide instructions to them to ensure their safe transport in the metro station. This robot was exhibited as part of the 15th Urban Mobility Conference and Expo 2022 conducted at Grand Hyatt, Bolgatty, Kochi from 4th to 6th November, 2022. The programme was inaugurated by Shri Pinarayi Vijayan, Honourable Chief Minister of Kerala in the presence of Shri Hardeep Singh Puri, Honourable Minister of Housing and Urban Affairs and Minister of Petroleum and Natural Gas, Government of India.

Hydroponics

"Hydroponics", the most innovative farming technique of FISAT, developed by the FISAT faculties - Mr. Mahesh C, AP, CSE and Mr. Bejoy Varghese, AP, ECE has taken the brand name of 'FISAT' across the globe. A workshop named "Bhojan 2025" was conducted to help the farmers to get an awareness about IoT based farming techniques. The workshop received praise and admiration from agricultural researchers and entrepreneurs alike, who appreciated FISAT's enterprise and offered support to continue the efforts.

"Sign Learn" Smartphone App

ISLRTC launched the Indian Sign Language Dictionary (ISL Dictionary) which is being used by deaf people, special teachers, parents of deaf children, linguists etc. To make this ISL dictionary easily accessible, ISLRTC along with FISAT developed an Indian Sign Language Dictionary APP known as 'Sign Learn'. Paul Elias Sojan, Naveen B Jacob and Nino Joy (2018-2022 CSE batch) were involved in this project. Ms. Pratima Bhoumik, Minister of State for Social Justice and Empowerment, introduced the app.

ICEFOSS'22

The major attraction of ICEFOSS'22 is HACKFIT which was a 36-hour Hackathon in which a total of 28 teams participated (18 external and 10 internal teams). Each team was allowed to have a maximum of five participants. The total count of individual HACKFIT participants was 125. The teams were selected after a screening process from several registrations. Each team came up with software solutions of problems which were already published in the HACKFIT website www.hackfit.fisat.ac.in. The 36-hour hackathon was held in the Central Computing Facility labs of FISAT. Two floor walk-throughs were done by the hackathon mentors on 5th and 6th of May, 2022 to evaluate and guide each team. A presentation of their solution evaluation was done on the night of 6th May to select the top six teams. The final evaluation and the top three were selected on 7th May by a panel of esteemed judges: 1. Mr. Anoop Eledathuparambil - CTO at Emvigo Technologies Pvt. Ltd. 2. Mr. Francis Antony - V P, Systems and Architecture at TraceSafe 3. Mr. Muhammed Mustafa - CEO Rezoy App. The prize money of 50K for the Hackathon was sponsored by our title sponsors The Federal Bank Ltd. First prize (25K) was awarded to team BOIS from NSS college of Engineering, Palakkad. Second prize (15K) was awarded to team Codin' Raptors from M A College of Engineering, Kothamangalam. Third prize (10K) was awarded to team Amigos from Amal Jyothi College of Engineering, Kanjirappally.

MANTRA 2022

On 3rd June 2022, the Annual CSE Day – Mantra 2022 was conducted by Thyra, CSE Students Association to uphold its aim to provide a platform for the students of B.Tech Computer Science and Engineering Department to be encouraged to showcase their potential and to promote healthy competition among them. One of the major highlights of Mantra'22 was the project exhibition by the final year students.

Cash prizes were awarded, and certificates were provided to the students for the various competitions held as part of Mantra'22 and also for the best projects and other remarkable performances to acknowledge their effort and talents. Mr. Akhil K Menon, Student Chairman of Thyra, gave the Vote of Thanks.

Prizes – MANTRA 2022

◈ Honouring Ph.D Holders

Ms. Hema Krishnan
Assistant Professor, CSE

Ms. Reshmi Ajay
Assistant Professor, CSE

◈ Prizes of various events

◆ Fast Fingers – Fast Typing Contest

Lynn Moothedan
(S2 CSD)

Rahul Raj
(S2 CSE B)

Abhiram Gopakumar
(S2 CSD)

◆ Skribble Contest

Vismaya Prathap
(S4 CSE B)

Haniya Abdul Rahman
(S4 CSE A)

Liya Mary Paul
(S4 CSE B)

◈ Special Recognition

Basil Leju (S8 CSE A)

Rose Stombel (S8 CSE B)

◆ Radiant Quiz

Anna Rose Baiju, S1 CSE A
Diya K Dileep, S1 CSE A
Sreerag K, S1 CSE C

◆ Clash of Minds - Debate Competition

Anjal P Dijo
(S2 CSE A)

Aneeta Rose T R
(S2 CSE A)

Lynn Moothedan
(S2 CSD)

Sandra Rose Shijo
(S2 CSE A)

◆ Smrithi Coding Competition

Ajay Nair
(S6 CSE A)

Jopaul Joy
(S6 CSE B)

Bivin C Benny
(S6 CSE A)

◆ Pitch Perfect - Idea Pitching Competition

Aleena Unni
(S5 CSE A)

Aman Jose
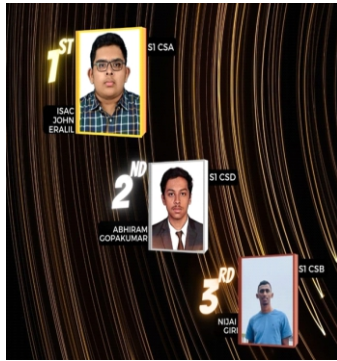(S5 CSE A)

Dreama Paul
(S5 CSE A)

Akshay K
(S5 CSE A)

Akash Suresh
(S5 CSE A)

RENASCENCE'22

The ACM Student Chapter, FISAT conducted "Renascence 2022", a department level contest with multiple technical events for 1st year CSE and CSD students. Various events included:-

* Webinar on Linux - was organized on 5th February 2022 by Aman K Shihab (S7CSEA).
* Introduction to Git - An introductory session on the topic was taken by Joel Nickson (S5CSEA) on 6th February 2022 which was attended by 30 students.
* TechZap - the Rapid Fire Quiz Competition was conducted on 6th February 2022 as part of Renascence'22. Isac John Eralil (S1CSEA), Abhiram Gopakumar (S1CSD) and Nijai Giri (S1CSEB) secured the First, Second and Third prizes respectively. in this Virtual Technical Quiz Competition.

Celestia'22

ACM Student Chapter, FISAT, organizes Celestia'22, an Inter-Collegiate Quiz Competition annually. This year Celestia '22 was conducted on the 29th June,2022. The Quiz was conducted as three different rounds. Daniel Alex Biju and Caroline Mary (S6CSE) were the Quiz Masters. Isac John Eralil and Azad Anvar (S2CSE) won the first prize worth rupees 1.5K, while Ebin J Alappat and Hisham Muhammad (S4CSE) secured the second position and won the cash prize worth rupees1K.

WORKSHOP on LaTeX

The CSE Department, FISAT in association with THYRA conducted a One-day Workshop on LaTeX by Dr.Jestin Joy, Assistant Professor, St. George College, Aruvithara, Kottayam on 5th December, 2022 for the S5 students. The workshop gave an overview of creating a document using latex overleaf.

EDGE+

The Intra College level Technical Event - "EDGE+" was organised by ACM Student Chapter on 26th November 2022. The event comprised of various technical and social events - a Workshop on "Make Your Own Chatbot", Gaming and Cultural sessions as well. Resource person of the workshop was Joel Boby (S7CSEA). Workshop was organized for the first year students and had about 125 students as participants from various departments.

Hour of Code'22

"Hour of Code" programme on "Basics of Python and HTML" was organized by the ACM Student Chapter, FISAT on 2nd December, 2022 from 2 pm to 4 pm at Government Higher Secondary School, Mookkannoor for the students of 8th, 9th and 10th standards. The session on "Basics of Python and HTML", was handled by Karthik Prasad, Nijai Giri, Naemma Sameer, and Aparna K (S3CSE). Srinand S (S3 CSE) welcomed the speakers and the participants. The session was very much informative and students were able to learn the basics of Python and HTML. The students were also given small gifts as appreciation.

National Conference on Artificial Intelligence and Cognitive Computing (NCAICC-2022)

NCAICC - 2022, the National Conference on "Artificial Intelligence And Cognitive Computing" was organized by Cognitive Computer Research Centre (CCRC), Department of Computer Science and Engineering, FISAT on 14th and 15th July, 2022. The conference provided a platform for Undergraduate and Graduate students to convene and swap over the ideas on recent research works in the domain of Artificial Intelligence and Cognitive Computing. 25 papers were accepted for presentation in the conference. The conference featured two talks by expert resource persons-"Extreme Learning Machine on Agriculture" by Dr. Suchithra M S (IIIT Kottayam) and "Application of Deep Autoencoder in miRNA Disease Prediction" by Ms. Sujamol S, ASAS , Kochi.

NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND COGNITIVE COMPUTING

Invited Talk on

Extreme Learning Machine on Agriculture

Dr. Suchithra MS
IIIT Kottayam

JUL 15 @ 9:45 AM - 10.15 AM
meet.google.com/ahu-ppru-ucb

Organized by: Dept of CSE, Federal Institute of Science And Technology

NATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND COGNITIVE COMPUTING

Invited Talk on

Application of Deep Autoencoder in miRNA Disease Association Prediction

Er. Sujamol S
ASAS, Kochi

JUL 15 @10.15 AM - 10.45 AM
meet.google.com/ahu-ppru-ucb

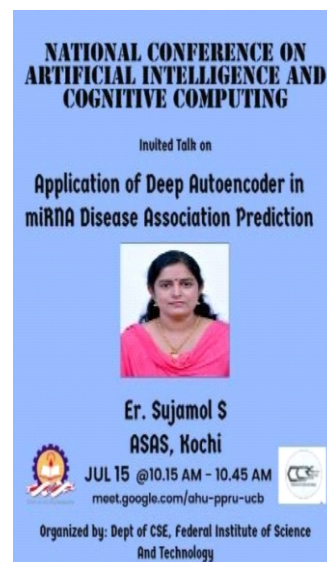Organized by: Dept of CSE, Federal Institute of Science And Technology

Achievements

Pankaj Kumar G, Aman K Shihab and Narayanan V Eswar received the Best Paper Award for the paper titled "Lithium-Ion Battery Modelling: A Machine Learning Approach", at International Conclave on Skills, Engineering, and Technology (ICSET), organized by the Information and Communication Technology (ICT) Academy of Kerala.

Publications

1. Pankaj Kumar G, Aman K. Shihab, Narayanan V Eswar, "Lithium-Ion Battery Modelling: A Machine Learning Approach", International Conclave on Skills, Engineering and Technology (ICSET), September 2022.

2. Aman K Shihab, Pankaj Kumar G, Narayanan V Eswar, "Named Entity Recognition in Malayalam Using Deep Neural Networks", International Conclave on Skills, Engineering and Technology (ICSET), September 2022.

3. Paul Elias Sojan, Joel Jorly, Nahid M.A, Shiv Shankar Nath, Pankaj Kumar G, "Advanced Small Object Detection and Tracking", National Conference on Artificial Intelligence And Cognitive Computing, July 2022.

4. Narayanan V Eswar, SheminAnto, Shreyas S Kumar, "Literature Review on Object Detection and Tracking", National Conference on Artificial Intelligence And Cognitive Computing, July 2022.

Alumni Interaction

A talk was conducted as part of Alumni Add-On Course for final year students (2018 admission) on "Data Warehousing" by Mr. Arun P V (2006-2010 batch) on 25th March, 2022. It was a highly informative session.

CSI

Department of Computer Science And Engineering in association with the Computer Society of India (CSI) Student Branch conducted an interactive talk by Mr. Mithun Raj from Techolas Technologies on the topic "Futuristic Career in IT". The talk was conducted on 27th June 2022. He focused on the importance of conceiving different technologies,learning different languages and understanding the requirements of IT companies. The session was very effective.

CSI Student Branch, FISAT hosted a seminar on "Importance of Profile Building for Higher Education and Placements"on 17th November 2022. The resource person for the event was Mr. Sanjay R from careerLabs. He gave an insight into the various opportunities for higher studies and career development after the B.Tech course. The speaker shared the reality of the rat race happening nowadays, especially in the engineering field. He spoke about competitive exams like GATE, IELTS, UPSC, and PSC exams and presented some tips to succeed in them.

Fisat Consultancy Services (FCS)

"Interested in Starting Up? Insights for your startup journey"- A talk on Entrepreneurship by Prasanth Pillai, CEO, Toffee Ride, was held on 3rd November 2022 at 3 pm. The event was organized by FISAT Consultancy Services under the guidance of staff-in-charges Ms. Hansa J Thattil and Ms. Chethna Joy.

Congrats...

Mohammed Nihal received the remuneration cheque for the project - **"M3 Homes"** completed and delivered. The project was undertaken by FCS. Congratulations to Mohammed Nihal, Jopaul Joy, Joyal Raphel, staff-in-charges - Ms. Hansa J Thattil and Ms. Chethna Joy and also for the tremendous support offered by Ms. Meera Treesa Mathews.

NDLI Club Event

NDLI Club in association with Department of CSE and IQAC, FISAT, conducted a seminar on the topic "Improve Your Emotional Quotient: How To Handle Stress Effectively" by Ms. Marymol K I, Clinical Psychologist and Counsellor, FISAT, on 28th April, 2022 at 11.00 am in the FISAT Main Seminar Hall. Objective of the session was to create awareness about the relevance of Emotional Quotient and various Stress Management techniques. It was conducted for the first year CS students (2021 admission batch). The session was coordinated by Mr. Sino Varghese (NDLI Club Secretary and the Chief Librarian) and Ms. Simi Stephen (NDLI Club CSE staff-in-charge).

Internal FDP by CSE

A Five-Day internal Faculty Development Programme on "Web Application Development and Application Deployment in Cloud" from 29th August to 2nd September 2022 was organised by the Department of CSE, FISAT. The FDP focused on familiarising with modern Web Application Development tools and also the steps involved in cloud deployment.
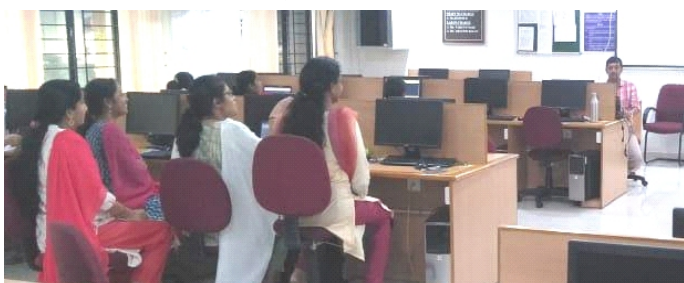
The course Contents were Building Responsive Websites Using Bootstrap4, Developing Dynamic Websites Using Flask, Database Connectivity and Cloud Deployment,

Interaction with an Expert

Mr. Hasum Jacob Thenumgal, Senior Director-Sales in Tata Consultancy Services and also one of our Department Advisory Committee member, conducted interactive sessions for the CS faculty members and S7 students placed in TCS, on 24th Nov 2022. Dr. Jyothish K John, HoD, CSE, delivered a brief presentation giving an overview of the department's vision, mission, and strategic objectives, and highlighting key achievements, ongoing initiatives, and challenges. This visit aimed to gain insights into the department's operations, engage with the faculty members, and interact with the students to understand their experiences and needs. Mr. Hasum Jacob provided valuable feedback and recommendations based on his observations and interactions during these sessions.

Introduction to Cloud and Amazon Web Services, Deployment of Application on EC2, Real Time Traffic Monitoring using WIRESHARK and Basics of Wired Network Simulation using NS2. The Resource Persons wereDr.Jyothish K John, HoD, CSE and Mr. Pankaj Kumar G, AP, CSE. The internal FDP was coordinated by Ms. Simi Stephen, AP, CSE, FISAT. Around 32 participants including both teaching and non - teaching staff from various departments of FISAT actively participated in the FDP.

STAFF ACHIEVEMENTS

Dr. Jyothish K John was recognized as a Resource Person for the FDP on "Web Application Development and Application Deployment in Cloud", conducted by CSE department, FISAT from 29/08/2022 to 02/09/2022.

Dr. Jyothish K John was recognized as a Resource Person for the Workshop "Wireshark and NS2" conducted by ECHO, ECE department on 14/11/2022.

Dr. Jyothish K John successfully completed NPTEL online certification course (Jan-April 2022) on "Computer Networks and Internet Protocol" with an Elite certificate.

Dr. Prasad J C has been selected as a KTU representative faculty on 3rd May 2022 in IGNITE 2022 for evaluating the student projects along with industry representatives.

Dr. Prasad J C chaired a session in one of the technical panel of the IEEE International Conference on Computing, Communication, Security and Intelligent Systems (IC3SIS-2022) organised by Department of Computer Science and Engineering, SCMS School of Engineering and Technology, Karukutty, Kerala on 3rd June 2022.

Dr. Arun Kumar M N has been selected as a member of the board of studies of 'CS and Allied courses in KTU'.

Dr. Paul P Mathai was selected as a member of the Syllabus Revision Committee, Kerala Technological University (KTU) M. Tech Programmes for 2022 Scheme.

Dr. Paul P Mathai was selected as Academic External Auditor of Kerala Technological University (KTU) for the academic year 2022-23.

Dr. Paul P Mathai secured Advanced Technology Programme certification on "AI and ML" conducted by Wipro Technologies from 31/10/2022 to 4/11/2022.

Dr. Paul P Mathai achieved Advanced Technology Programme Certification on "Artificial Intelligence and Machine Learning" conducted by TalentNext, WIPRO Technologies in November 2022.

Mr. Pankaj Kumar G was recognized as a Resource Person for the workshop on "Web Technology", conducted by IEDC METSCAS on 19/07/2022.

Mr. Pankaj Kumar G was recognized as Resource Person for the FDP on "Web Application Development and Application Deployment in Cloud", conducted by CSE department, FISAT from 29/08/2022 to 02/09/2022.

Ms. Meenu Mathew successfully completed NPTEL online certification course (July-Oct 2022) on "Social Network Analysis" with a Topper Stamp.

Ms. Merin Cherian successfully completed NPTEL online certification course (July-Oct 2022) on "Fundamentals of Artificial Intelligence" with an Elite certificate.

Ms. Meera Treesa Mathews successfully completed NPTEL online certification course (July-Oct 2022) on "Data Science for Engineers" with an Elite certificate.

Congratulations

Ms. Siyamol Chirakkarottu has been awarded Ph.D for the thesis - "Study, Design and Development of Novel Encryption Technique for Digital Images Using Chaotic Map and DNA Cryptography" from CUSAT on 19th October, 2022.

CS family is extremely proud of your perseverance and hardwork. Hearty Congratulations on your achievement!!!

Dr. Siyamol Chirakkarottu
Assistant Professor (Special Grade)

PUBLICATIONS IN CONFERENCES

Name	Details of Publications
Dr. Jyothish K John	"A Review Of Driver Drowsiness Detection Methods", National Conference on Artificial Intelligence and Cognitive Computing, FISAT, July 2022.
Dr. Prasad J C	"Data Security In Medical Reports And Online Medical Purchase Using Blockchain Technology", National Conference on Artificial Intelligence and Cognitive Computing, FISAT, July 2022.
Dr. Prasad J C	"Integrating Blockchain In Healthcare Supply Chain System Using Smart Contracts", National Conference on Artificial Intelligence and Cognitive Computing, FISAT, July 2022.
Dr. Arun Kumar M N, Ms. Anitha T Nair	"Disease Grading of Diabetic Retinopathy using Deep Learning Techniques", 6th International Conference on Computing Methodologies and Communication (ICCMC), 2022.
Dr. Hema Krishnan	"Pose Estimation of Yoga Poses using ML Techniques", IEEE 19th India Council International Conference (INDICON), 2022.
Dr. Hema Krishnan	"Pose Estimation Using Machine Learning Techniques", National Conference on Artificial Intelligence and Cognitive Computing, FISAT, July 2022.
Ms. Lakshmi S	"Prediction Of Student's Performance Based On Feedback Using Machine Learning Algorithms", National Conference on Artificial Intelligence and Cognitive Computing, FISAT, July 2022.
Ms. Soumya S Raj	"Planetary Exploration by Image Inpainting", National Conference on Artificial Intelligence and Cognitive Computing, FISAT, July 2022.
Ms. Sruthy Suresh	"On Decentralization Federated Reinforcement Learning in Multi-Robot Scenarios", 7th South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference (SEEDA-CECNSM), 2022.
Mr. Anuranj P	"Face Recognition Attendance System Based On Real-Time Video Processing", National Conference on Artificial Intelligence and Cognitive Computing, FISAT, July 2022.
Mr. Anuranj P	"VANET Hybrid Routing Protocol Featuring Perpetual Hopfield Network And Enhanced K-Means Clustering Algorithm", 4th International Conference on Communication and Intelligent Systems (ICCIS 2022), NIT Delhi, December 2022.
Mr. Pankaj Kumar G	"Advanced Small Object Detection and Tracking", National Conference on Artificial Intelligence And Cognitive Computing, FISAT, July 2022.
Mr. Pankaj Kumar G	"Lithium-Ion Battery Modeling: A Machine Learning Approach", International Conclave on Skills, Engineering, and Technology (ICSET), 2022.
Mr. Pankaj Kumar G	"Named Entity Recognition in Malayalam Using Deep Neural Networks", International Conclave on Skills, Engineering, and Technology (ICSET), 2022.
Mr. Pankaj Kumar G	"Literary Survey On Object Detection And Tracking Techniques", National Conference on Artificial Intelligence And Cognitive Computing, FISAT, July 2022.

PUBLICATIONS IN JOURNALS

Name	Details of Publications
Dr. Jyothish K John	"Storage Space Reduction In Picture Archiving And Communication System Using Generative Adversarial Network", Research Square, 2022.
Dr. Prasad J C	"Automated Invasive Ductal Carcinoma Breast Cancer Classification Using Deep Learning Algorithms", Journal of Education: Rabindra Bharati University, Vol:XXIV, No.: 1(XX), 2022, ISSN:0972-7175.
Dr. Hema Krishnan	"Sentiment Analysis Of Product Reviews Using Weighted Distance-Based Whale Optimisation Assisted Deep Belief Network", International Journal Of Business Information Systems, 2022.
Dr. Hema Krishnan	"A Comprehensive Survey On Sentiment Analysis In Twitter Data", International Journal Of Distributed Systems And Technologies, 2022.
Dr. Reshmi R, Ms. Soumya S Raj	"Implementation Of Baseband Binary Communications Over A Distorted Channel", Mathematical Statistician And Engineering Applications, 2022.
Dr. Siyamol Chirakkarottu	"Camouflage Object Detection System: A Review", Grenze International Journal of Engineering and Technology, June Issue, Grenze ID: 01.GIJET.8.2.517_2, © Grenze Scientific Society, 2022(SCOPUS).
Ms. Merin Cherian	"Evaluating The Grammatical Correctness Of Malayalam Text Using Improved Text GCN", SSRG-International Journal Of Engineering Trends And Technology, 2022.

Congratulations!!!

Dr. Prasad J C took initiative for the NCC activities in FISAT. The NCC Day Celebrations were held on 27th November 2022 and our FISAT NCC Unit was established on 1st December 2022. Cheerful Congrats!!!

Dr. Reshmi R has been awarded with a Certificate of Appreciation by SWAYAM-NPTEL for her instrumental role as active SPOC for its Local Chapter, for being NPTEL's Brand Ambassador at FISAT. (Active SPOC based on Performance and Participation of candidates for (Jan-Apr) and (Jun-Dec) 2022 semesters). Really appreciate your relentless efforts. Special Congrats!!!

Mr. Anuranj P has led one of the Staff Cricket Team and won the FISAT STAFF TROPHY 2022 - Intra College Staff Cricket Tournament, held in March 2022, organised by the College Staff Welfare Forum, FISAT. Hearty Congrats !!!

Hearty Congratulations…

Patent for CSE Faculties

Ms. Neenu Johnson, Assistant Professor, CSE, Federal Institute of Science and Technology (FISAT) has been granted the Indian Patent for the innovation with title "Farmchain Intelligent Network System" on 28th March 2022. The project is directed to the integration of Internet-of-Things (IoT), Deep Learning and Blockchain for developing a network of intelligent farms improving the communication between farmers, government, buyers, and other agricultural stakeholders.

Ms. Neenu Johnson
Assistant Professor
(Special Grade)
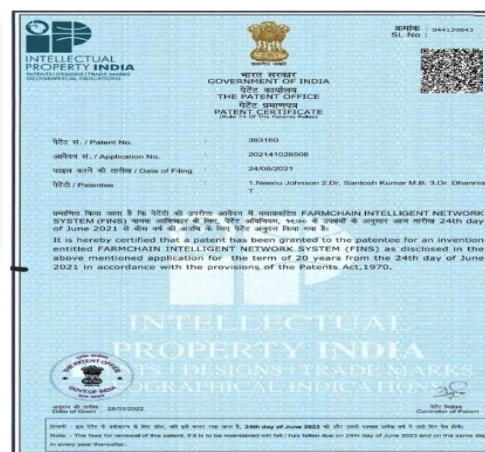
Dr. Jyothish K John
Professor & HoD

Dr. Paul P Mathai
Associate Professor

Dr. Jyothish K John and Dr. Paul P Mathai secured the Design Patent titled "Electronic ViewFinder for Digital Camera" from The Patent Office, Govt. of India on 8th August 2022. The design focuses on providing stands and supports for better view for Digital Camera devices.

Research Centre, CS Department

The Research Centre of the Department of CS is affiliated to Kerala Technological University (KTU). The centre provides guidelines for the research scholars to pursue Ph.D. and monitors and coordinates the progress of research activities of the research scholars. The Research Centre also encourages and coordinates consultancy projects as well as sponsored projects. The publications are ensured in quality journals and also industrial collaborations are highly promoted.

Dr. Arun Kumar M N and Dr. Paul P Mathai are the approved research supervisors under KTU.

Research Scholars:
Ms. Hansa J Thattil - Bioinformatics, Data Mining
Ms. Lakshmi Raj - Medical Image Analysis
Ms. Roshna K I - Image Compression
Ms. Raisa Varghese - Data Mining, Machine Learning
Ms. Sruthy Suresh - Data Mining, Machine Learning
Ms. Preethi N P - Graph Mining, Machine Learning
Ms. Sona Mary Louis - Data Mining, Machine Learning
Ms. Aiswarya Vijayakumar - Data Mining, Machine Learning
Ms. Meenu Mathew - Data Mining
Ms. Jency Thomas - Medical Image Analysis
Ms. Jisha James - Medical Image Analysis
Ms. Jyotsna E - Image Compression
(Full time scholar with KTU Doctoral Fellowship)

Name of Faculty	Title of the programme	Date of commencement	Date of completion	Institution which conducted the programme
Dr. Prasad J C	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Dr. Paul P Mathai	Artificial Intelligence and Machine Learning by Talent Next	31/10/2022	4/11/2022	WIPRO Technologies
	FDP on Outcome Based Education and Examination Reforms	03/08/2022	05/08/2022	Bapatla Engineering College
	FDP on Advanced Research and Quality Education	29/08/2022	02/09/2022	FISAT, Angamaly
Dr. Hema Krishnan	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
	Deep Learning for Beginners	26/8/2022	31/8/2022	TKM College of Engineering, Kollam
Dr. Reshmi R	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Divya John	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Shimy Joseph	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Lakshmi S	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Roshna K I	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
	Training on Java Full Stack programme by TalentNext	26/09/2022	17/10/2022	WIPRO Technologies
Ms. Preethi N P	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Soumya S Raj	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Hansa J Thattil	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Chethna Joy	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Dr. Siyamol Chirakkarottu	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Meenu Mathew	UGC Stride Sponsored Training Programme on Environmental Sustainability and Research Ethics	04/04/2022	06/04/2022	Avinashilingam Institute for Home Science and Higher Education for Women, Tamil Nadu
	Social Network Analysis-NPTEL	25/07/2022	14/10/2022	IIITB
	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Anitha T Nair	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
	Processing and Security of Digital Images	5/12/2022	9/12/2022	National Institute of Technology, Patna

Name of Faculty	Title of the programme	Date of commencement	Date of completion	Institution which conducted the programme
Ms. Simi Stephen	International Winter School on Cyber Security and Threat Intelligence	17/01/2022	28/01/2022	Cochin University of Science And Technology
	Systems and Usable Security - NPTEL	Feb 2022	Mar 2022	IIT Madras
	High Performance Computing And Deep Learning For Image And Text Analysis" Session-2	21/03/2022	25/03/2022	Mar Baselios College of Engineering, TVM
	UGC Stride Sponsored Training Programme on Environmental Sustainability and Research Ethics	04/04/2022	06/04/2022	Avinashilingam Institute for Home Science and Higher Education for Women, Tamil Nadu
	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Mr. Anuranj P	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Sruthy Suresh	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Meera Treesa Mathews	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
	Data Science for Engineers - NPTEL	01/07/2022	30/09/2022	IIT Madras
Ms. Jismy Mathew	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Merin Cherian	Artificial Intelligence - NPTEL	July 2022	Oct 2022	IIT Madras
Ms. Ambili N Menon	Advanced Research and Quality Publication(Online)	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Ambili N Menon	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Sreelalithambika P K	Advanced Research and Quality Publication(Online)	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Sreelalithambika P K	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Noma Mathew M	Advanced Research and Quality Publication(Online)	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Noma Mathew M	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Ambily Sekar C	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Neeba Cheriyachan	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Ms. Sandhya O C	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Mr. Aravind Balan	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly
Mr. Varun P Nair	Web Application Development and Application Deployment in Cloud	29/08/2022	02/09/2022	FISAT, Angamaly

Kudos!!!

LIST OF STUDENTS WITH HONOURS (2018-2022 Batch)

ANAGHA JAYARAJ	**ARUNIMA RAJ**	**ATHULYA K B**	**M NAVANEETHA**	**JEES MARIYA**	**CHRISTY THOMAS**

RITHIKA LIZ BOBY	**RONIYA VARGHESE**	**ROSE STOMBEL**	**SALMA SABIR**	**DEVANA C U**

STUDENTS WITH SGPA 10

CS Toppers

Anjusha Wilson S2 (2020-24)	**Jeswin Jose** S2 (2020-24)	**Joyal Devassy** S2 (2020-24)	**Shwetha Sugesh** S2 (2020-24)	**Nihala Kallil** S2 (2020-24)
Rose Benny S2 (2020-24)	**Samanuai A** S2 (2020-24)	**Shifa Sageer** S2 (2020-24)	**Sneha Joseph** S2 (2020-24)	**Vyshakh Madhu T** S2 (2020-24)
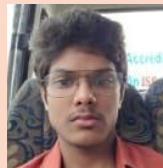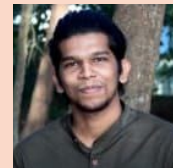
ATHULYA K B S8 (2018-22)	**KEERTHANA VIJAY** S1 (2021-25)	**NAVANEETH M NAMBIAR** S3 (2020-24)	**ANJANA S KAMATH** S1 (2020-24)

Best Outgoing Student (2018-22)

SHIV SHANKAR NATH

Best outgoing student is a prestigious award given every year to appreciate the student's excellent performance in curricular and co-curricular activities. This year this award is secured by Shiv Shankar Nath for his achievements in co-curricular and extra-curricular activities along with academic excellence.

Best Main Project Awards

First Prize

Project Title:- "Smart Sort: An MLP Based Method for Tracking Multiple Objects Tracking in Real Time"

Team Members: Shreyas S Kumar, Narayanan V Eswar, Shemin Anto (S8 CSE B)

In today's era, people rely more and more on machines for day-to-day activities. Machines have a great role in automation in various areas of living. A large amount of image data is used to recognize objects in fields spanning from a small phone to large objects like cars, robots, and so on. Furthermore, handling multiple objects in a context enhances the same. It has a wide range of applications including Automated Driving, Traffic Monitoring, Pedestrian Behaviour Analysis, Sports Analysis, Robotics, and much more. The models trained for the aforementioned task could be optimally reduced for making it suitable for low-power devices like Raspberry Pi, provided the same competitive results are obtained, it helps in cost-cutting. This can also be used as an edge computing unit as the model requires cheap machines like raspberry pi to run. It can be integrated into devices like cameras to detect objects, reducing the work of the main server computer.

Shreyas S Kumar

Shemin Anto

Narayanan V Eswar

2nd Prize

Title: "Retinal Segmentation using Improved MesNet"

Team Members: M Navaneetha, Naveen B Jacob, Kevin S Manavalan, Melvyn Joseph (S8 CSE B)

Glaucoma, Macular Degeneration, Diabetic retinopathy, etc. are some eye diseases that cause serious threats to mankind. It is important to detect these diseases earlier itself to prevent further damage to the eye and save the vision of individuals. In this project, a novel segmentation method is proposed for the retinal blood vessel segmentation from the given retinal image Improved Mes-Net. Improved Mes-Net includes MES-Net which adopts U-Net as the overall architecture and includes three additional blocks: the MFP-Block, the ESCE-Path, and the SE-Block for richer feature extraction that improve the performance of the U-Net model. The MES-Net model is concatenated with the U-Net model to produce the result accurately in less. Hence, it has excellent clinical applications for computer-aided diagnosis. The proposed model can be further extended in producing segmentation results for other medical image segmentation problems.
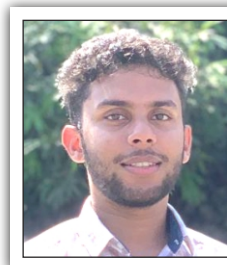
Kevin S Manavalan

M Navaneetha

Melvyn Joseph

Naveen B Jacob

Class	Name	Achievements
S2 CSE B	Keerthana Vijay	2nd Prize for Arangu'22 Painting Competition
S2 CSE B	Thomson T Jacob	1st Prize for Arangu'22 English Essay Writing
S2 CSE B	Jyothy P R	1st Prize for Group Dance Competition In SCMS, Ernakulam
S2 CSE A	Aneeta Rose T R	1st Prize for Mantra Debate Competition
S1 CSE B	Nijai Giri	3rd Prize for ACM Renascence'22 "TECH ZAP-the Rapid Fire Quiz Competition, ACM
S2 CSE B	Nijai Giri	Silver Medal for All India Inter-Collegiate Chess Inter College Competition,TKM College
S2 CSE B	Nijai Giri	2nd Prize for APJ KTU University State Chess Championship
S1 CSD	Abhiram Gopakumar	2nd Prize for ACM Renascence'22 "TECH ZAP-the Rapid Fire Quiz Competition
S2 CSE A	Agnes Shibu	2nd Prize for FISAT Volleyball Cup Girls
S2 CSE A	Amal Krishna M L	1st Prize for Musaliar Volleyball Tournament
S2 CSE A	Amal Krishna M L	1st Prize for TKM Volleyball Tournament
S2 CSE A	Amal Krishna M L	1st Prize for FISAT Volleyball Trophy
S2 CSE A	Amal Krishna M L	2nd Prize for Mar Baselios Volleyball Tournament
S2 CSE A	Amal Krishna M L	2nd Prize for ACE Volleyball Tournament
S2 CSE A	Amal Krishna M L	Hackfit 36-Hour National Level Hackathon
S2 CSE A	Aneeta Rose T R	PES Ambassador 2022
S2 CSE A	Aneeta Rose T R	2nd Prize for ITS Debate Competition
S2 CSE A	Anjal P Dijo	1st Prize for Mantra'22 Debate Competition
S2 CSE A	Anjal P Dijo	IEEE Day Ambassador 2022
S2 CSE A	Anjal P Dijo	1st Prize for Arangu'22 Poster Designing Competition
S2 CSE A	Gokul K Jayan	1st Prize for Saintgits Basketball Tournament
S2 CSE A	Gokul K Jayan	1st Prize for NIT(Ragam) Basketball Tournament
S2 CSE A	Gokul K Jayan	1st Prize for FISAT Basketball Trophy
S2 CSE A	Gokul K Jayan	1st Prize for Mohandas Basketball Tournament
S2 CSE A	Gokul K Jayan	1st Prize for Mar Baselios Basketball Tournament
S2 CSE A	Isac John Eralil	1st Prize for Celestia'22 Inter-Collegiate Quiz Competition
S1 CSE A	Isac John Eralil	1st Prize for ACM Renascence'22 "TECH ZAP" Rapid Fire Quiz Competition
S2 CSE B	Srinand S	1st Prize for Group Dance Competition, SCMS, Ernakulam
S2 CSE A	Azad Anvar	1st Prize for Celestia'22 Inter-Collegiate Quiz Competition
S4 CSE A	Ebin J Alappat	2nd Prize for Celestia'22 Inter-Collegiate Quiz Competition
S4 CSE A	Hisham Muhammad	2nd Prize for Celestia'22 Inter-Collegiate Quiz Competition

Class	Name	Achievements
S6 CSE B	Naigal Roy	3rd Prize for Beach Hack Hackathon In Christ College, Irinjalakuda
S2 CSE B	Nandana U	2nd Prize in FISAT Volleyball Trophy
S2 CSE B	Roshni Genome	2nd Prize in FISAT Volleyball Trophy
S4 CSE A	Ann Jose	Selected as Content Intern of IvidyaEEE RAS, Kerala Chapter
S4 CSE A	Ann Jose	3rd Prize in Fashion Show, SCMS, Ernakulam
S2 CSE B	Roshni Genome	1st Prize in FISAT Football Trophy
S4 CSE A	Ann Jose	2nd Prize in Theme Show, ASIET
S2 CSE B	Nova Steby	2nd Prize for FISAT Volleyball Trophy
S6 CSE B	Nanditha Balamurali	1st Prize in Arangu'22 Instrumental Band With Vocal
S6 CSE B	Nanditha Balamurali	3rd Prize in Arangu'22 Light Music Competition
S4 CSE A	Anupama Vidyasagar	1st Prize in Robotics Quiz Conducted by IEEE RAS, Kerala Chapter, 2nd July 2022
S6 CSE B	Sreyas Jayakumar	1st Prize in Arangu'22 Instrumental Band With Vocal
S4 CSE A	Anupama Vidyasagar	1st Prize in Escoge 2.0 Quiz Conducted By IEEE COMSOC, Kerala Chapter
S4 CSE A	Anupama Vidyasagar	1st Prize in Cognitions 2.0 conducted by IEEE SB, Govt. Engineering College Barton Hill,Trivandrum on 20th May 2022
S6 CSE B	Joyal Raphel	3rd Prize for Beach Hack Hackathon, Christ College, Irinjalakuda
S6 CSE B	Sanika T C	2nd Prize in Arangu'22 English Elocution Competition
S6 CSE B	Sanika T C	2nd Prize in P V Mathew Memorial English Elocution
S4 CSE A	Anupama Vidyasagar	1st Prize in Quiz Conducted By IEEE Kochi Subsection On 12th April 2022
S4 CSE A	Anupama Vidyasagar	2nd Prize in Ellipse Quiz Competition Conducted by IEEE Student Branch FISAT
S4 CSE A	Anupama Vidyasagar	3rd Prize in Break The Puzzle Competition Conducted by IEEE SB MESCE on 9th May 2022
S4 CSE A	Akshay K	Runners-Up In Volleyball Tournament, ACE College of Engineering, Kollam
S6 CSE B	Rona Benny	3rd Prize in Mono Act Competition, Arangu'22
S2 CSE B	Shinas S	1st Prize for Musaliar Volleyball Tournament
S2 CSE B	Shinas S	1st Prize for TKM Volleyball Tournament
S2 CSE B	Shinas S	2nd Prize for ACE Volleyball Tournament
S4 CSE A	Akshay K	Winners of Volleyball Tournament, Musaliar College Of Engineering, Pathanamthitta
S4 CSE A	Akshay K	Runners-Up in Volleyball Tournament, Mar Baselios College Of Engineering, Trivandrum
S6 CSE B	Vinayak N	Top Scorer in Mathematics in All Semesters
S6 CSE B	Mohammed Nihal N Ansar	3rd Prize for Beach Hack Hackathon, Christ College, Irinjalakuda
S6 CSE B	Rosemole M Babu	2nd Prize for English Essay Writing, Arangu'22
S6 CSE B	Rosemole M Babu	2nd Prize for English Story Writing, Arangu'22

Class	Name	Achievements
S6 CSE B	Rosemole M Babu	3rd Prize for Elocution English, Arangu'22
S6 CSE B	Rosemole M Babu	3rd Prize for Mono Act, Arangu'22
S4 CSE A	Archana K	Winners of Football Tournament, FISAT, 3rd June 2022
S6 CSE A	Daniel Alex Biju	1st Prize for Group Dance Male, Arangu'22
S6 CSE A	Ashlin Sam Thomas	1st Prize for Group Dance Male, Arangu'22
S6 CSE A	Antosh Mathew	1st Prize for Group Dance Male, Arangu'22
S6 CSE A	Ajay Nair	1st Prize for Group Dance Male, Arangu'22
S6 CSE A	Aswin Alex Rexy	1st Prize for Group Dance Male, Arangu'22
S6 CSE A	Adithyan Parambath Sreedharan	1st Prize for Group Dance Male, Arangu'22
S6 CSE B	Sidharth S	1st Prize for Group Dance Male, Arangu'22
S2 CSD	Nandana Sreekumar	3rd Prize for Arangu'22 Group Dance Female
S2 CSD	Lynn Moothedan	3rd Prize for Arangu'22 Group Dance Female
S2 CSD	Lynn Moothedan	1st Prize in Mantra Typewriting
S2 CSD	Adithi Jayakumar	3rd Prize for Arangu'22 Group Dance Female
S2 CSD	Adithi Jayakumar	2nd Prize for Theme Show, ASIET
S2 CSD	Lynn Moothedan	2nd Prize Mantra Debate Competition
S2 CSD	Adithi Jayakumar	3rd Prize in Fashion Show, SCMS
S2 CSD	Nikitha Varghese	3rd Prize for Arangu'22 Group Dance Female
S2 CSE A	Gopika Jayaram	3rd Prize for Arangu'22 Group Dance Female
S6 CSE B	Muhammad Adnan Palath	1st Place in Mpower Workshop and Star Performer
S2 CSD	Ardra Anil V S	2nd Prize for Arangu'22 Group Dance Female
S2 CSD	Nikitha Varghese	3rd Prize for Arangu'22 Malayalam Recitation
S6 CSE B	Jopaul Joy	Third Prize for Beach Hack Hackathon In Christ College, Irinjalakuda
S2 CSD	Abreena K Bijy	3rd Prize for Arangu'22 Group Dance Female
S2 CSD	Nivedita K Devanand	2nd Prize for Arangu'22 Mono Act
S2 CSD	Nandhana Viju	3rd Prize for Arangu'22 Group Dance Female
S6 CSE B	Pranoy Lloyd Joseph	1st Prize for Group Dance Competition, SCMS, Ernakulam
S2 CSD	Sandra Rose Shijo	3rd Prize for Arangu'22 Group Dance Female
S2 CSD	Sandra Rose Shijo	2nd Prize for Mantra'22 Debate Competition
S2 CSD	Anna Dejo	3rd Prize for Arangu'22 Group Dance Female
S8 CSE A	Athira Ajoy	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Ardra C A	2nd Prize for Arangu'22 Group Dance Female
S2 CSD	Nakul Sandeep	2nd Prize for Arangu'22 Spot Choreo Competition
S2 CSD	Nakul Sandeep	1st Prize for Group Dance Competition, SCMS, Ernakulam

Class	Name	Achievements
S8 CSE A	Don Sebastian	1st Prize for Group Dance Competition, SCMS, Ernakulam
S8 CSE A	Aishwarya Menon	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Aiswarya Theresa	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Christy Thomas	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Anagha Jayaraj	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Anjali Nair	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Grace Mol Joy	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Aparna V	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Angel Joy	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Devana C U	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Aiswarya Poosari	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Jees Maria Joy	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Gopika V	2nd Prize for Arangu'22 Group Dance Female
S8 CSE A	Anjali V K	2nd Prize for Arangu'22 Group Dance Female
S6 CSE A	Ajin Abraham	1st Prize in SaintGits Inter-Collegiate Basketball Tournament, Kottayam
S6 CSE A	Ajin Abraham	1st Prize in NIT Inter-Collegiate Basketball Tournament, Calicut
S6 CSE A	Ajin Abraham	1st Prize in FISAT Inter-Collegiate Basketball Tournament, Angamaly
S6 CSE A	Ajin Abraham	1st Prize in Mohandas Inter-Collegiate Basketball Tournament, Trivandrum
S6 CSE A	Ajin Abraham	1st Prize in Mar Baselios Inter-Collegiate Basketball Tournament, Trivandrum
S6 CSE B	Sanjay Johny	Fourth position in Pine-O-thon Hackathon conducted at RECCAA Club by UVJ Technologies in June 2022
S6 CSE B	Jopaul Joy	Fourth position in Pine-O-thon Hackathon conducted at RECCAA Club by UVJ Technologies in June 2022
S6 CSE B	Joyal Raphel	Fourth position in Pine-O-thon Hackathon conducted at RECCAA Club by UVJ Technologies in June 2022
S6 CSE B	Mohammed Nihal N Ansar	Fourth position in Pine-O-thon Hackathon conducted at RECCAA Club by UVJ Technologies in June 2022
S2 CSE A	Gregory Kurien	3rd Prize in Western Vocal Solo, Arangu'22
S4 CSE A	Austin Varghese	1st Prize in Western Vocal Solo, Arangu'22
S4 CSE B	Nashitha Noushad	1st Prize in Western Vocal Solo, Arangu'22
S4 CSE B	Rose Benny	3rd Prize in English Recitation, Arangu'22
S4 CSE B	P V Keerthana	1st Prize in Band, Arangu'22
S4 CSE B	Merin Elsa Biju	1st Prize in Band, Arangu'22
S4 CSE B	Neha Mariya Shaju	1st Prize in Essay Writing Malayalam, Arangu'22
S4 CSE A	Anjusha Wilson	3rd Prize in Essay Writing Malayalam, Arangu'22

Class	Name	Achievements
S4 CSE A	Anjusha Wilson	2nd Prize for Malayalam Story Writing, Arangu'22
S4 CSE A	Anjusha Wilson	1st Prize in Poetry Writing Malayalam, Arangu'22
S4 CSE B	Neha Mariya Shaju	2nd Prize in Poetry Writing Malayalam, Arangu'22
S4 CSE A	Aleena Unni	3rd Prize in Poetry Writing Malayalam, Arangu'22
S4 CSE B	Sandra P Binu	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Josephine James	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Raina Elsa Biju	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Vismaya Prathap	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Nihala Kalil	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Sajatha Ilias	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Jenni Gleetus	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Liya Mary Paul	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Shwetha Sugesh	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	P V Keerthana	3rd Prize in Female Group Dance, Arangu'22
S4 CSE B	Josephine James	2nd Prize in WIEve Epilogue Hackathon
S4 CSE B	Joseph Gladwin George	2nd Prize in WIEve Epilogue Hackathon
S4 CSE B	Vismaya Prathap	2nd Prize in WIEve Epilogue Hackathon
S4 CSE A	Aman Jose	1st Prize in Mono Act Competition, Arangu'22
S6 CSE B	Snehalal C B	2nd Prize in Female Group Dance, Arangu'22
S6 CSE A	Ayisha E A	3rd Prize in Wall Painting Competition, Arangu'22
S6 CSE A	Aiswarya Baburaj	3rd Prize in Wall Painting Competition, Arangu'22
S6 CSE A	Anupama R H	3rd Prize in Wall Painting Competition, Arangu'22
S8 CSE B	Navaneethkrishnan M	1st Prize in Poetry Writing English, Arangu'22
S2 CSD	Rohan P Chacko	1st Prize in Pencil Drawing Competition, Arangu'22
S2 CSE B	Kevin Shibu	3rd Prize in Pencil Drawing Competition, Arangu'22
S5 CSE A	Aiswarya Baburaj	Won prizes in FBS Budget Analysis Competition, February 2022
S5 CSE A	Ayisha E A	Won prizes in FBS Budget Analysis Competition, February 2022
S3 CSE A	Aman Jose	1st Prize for Mathematics Quiz, RSET, Kakkanad
S3 CSE A	Aman Jose	2nd Prize for Mathematics Quiz, Department of Mathematics, KE College, Mannanam
S3 CSE A	Aman Jose	3rd Prize for Mathematics Quiz, St.Dominic College, Kanjirappally
S3 CSE A	Aman Jose	2nd Prize in All Kerala Mathematics Quiz Competition, conducted as part of Mathematics Club Day celebrations, RSET in March 2022.
S3 CSE A	Dreama Paul	3rd Prize for Mathematics Quiz, Department of Mathematics, KE College, Mannanam

Class	Name	Achievements
S3 CSE A	Abhirami V S	1st Prize in Engineer's Day Quiz, IEEE
S5 CSE A	Hana Shanavas	2nd Prize in Engineer's Day Quiz, IEEE
S3 CSE A	Eldho Jose	3rd Prize in Engineer's Day Quiz, IEEE
S1 CSE A	Ann Maria Tomichan	1st Prize in Online Technical Quiz on "Computer and Mobile Networks", IEEE SPS SBC FISAT, PSI 1.0
S1 CSE C	Noel J Kollarmalil	3rd Prize in Online Technical Quiz on "Computer and Mobile Networks", IEEE SPS SBC FISAT, PSI 1.0
S1 CSE A	Diya K Dileep	1st Prize in Radiant Quiz Competition by Thyra
S1 CSE A	Anna Rose Baiju	2nd Prize in Radiant Quiz Competition by Thyra
S1 CSE C	Sreerag K	3rd Prize in Radiant Quiz Competition by Thyra
S3 CSE B	Polwin Davis	2nd Prize Inter-College Exhibition Competition, HEPHAESTUS - 2022 conducted by Union Christian College, Aluva
S3 CSE B	Sonal Sabu Thattil	2nd Prize Inter-College Exhibition Competition, HEPHAESTUS - 2022 conducted by Union Christian College, Aluva

IEEE Achievements

- Ayisha E A (S5CSEA) was selected as Student Representative into the Student Leadership Team of IEEE Educational Society, Kerala Chapter.
- Gifty P Shaju (S5CSEA)was selected as Kochi Hub Student Representative into the Student Leadership Team of IEEE Communications Society, Kerala Section.
- R Sreyas (S5CSEB) was selected into the Design Head of the IEEE Computer Society, Kerala Chapter.
- Rohit George (S5CSEB) was selected as Membership Development Coordinator into the Student Leadership Team of IEEE Signal Processing Society, Kerala Chapter.
- Samanuai A (S3CSEB) was selected as the Associate Event Manager in the IEEE PIE, Kerala Section.
- Ann Jose(S3CSEA) was selected as a Content Intern into IEEE Robotics and Automation Society, Kerala Chapter.
- Anusree Prakash (S3CSEA) was selected into the Design team of IEEE WiE, Kerala Section & IEEE Robotics and Automation Society, Kerala Chapter.
- Helen Anil (S3CSEA) was selected into the Planning and Coordination Team of IEEE WiEm Kerala Section.
- Eby Kurian (S3CSEA) was selected as Programme Management Team of IEEE Kochi Subsection.
- Gifty P Shaju (S5CSEA) was selected as Student Activities Coordinator of Venus Campaign, Kerala Section and Kochi Hub Student Representative, Communications Society, Kerala Chapter.
- Rosmi Johnson (S5CSEB) was selected as Design Lead of Venus Campaign, Kerala Section.
- Anjusha Wilson (S3CSEA) was selected as IKS Intern.

Reunion (2017-2021 Batch)

A Reunion for 2017-2021 batch was arranged on 23rd April, 2022 which was attended by around 75 passout students. Department Staff and juniors gifted the seniors with a memorable occasion. Dr. Hema Krishnan was the coordinator of this event.

PLACEMENT STATISTICS (2018-22)

The Training and Placement Cell facilitates the process of placement of students graduating from the institute besides collaborating with leading organisations in setting up internship programmes for the students. The Cell provides the infrastructural facilities to conduct Pre-placement Talks, Online and Written Aptitude Tests, Group Discussions, and Mock Interviews, besides catering to the hospitality of industry officials while on campus.
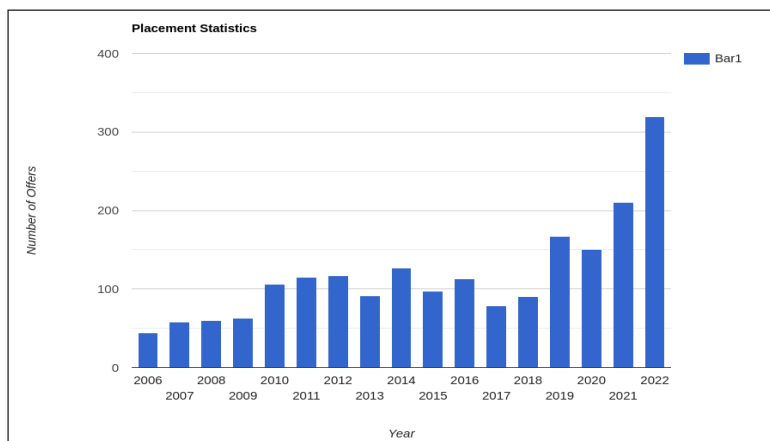
Placement Statistics – 319 offers were obtained by (2018-2022) batch. Total number of companies given offers is 39. Percentage of students placed : 83.74%

| Name	Company
Adhwaith K	Wipro,UST Global
Ahmed Ajwed	Cognizant
Ailin Maria Lopez	Wipro,TCS,Byjus App, Dexlock,People10
Aishwarya Menon	Wipro,TCS,UST Global, Cognizant
Aishwarya Teresa Anthony	Qburst,Quest Global, MuSigma,Cognizant
Aiswarya Poosari	Cognizant,Zensar
Ajil Varghese	UST Global
Akhil Anthony	Sutherland
Albin Johnson	UST Global
Allen K Prince	TCS
Amudha K C	IBS,Wipro,MuSigma
Anagha Jayaraj	Dexlock,TCS- Digital
Anagha Mariya Sajan	Cognizant
Anagha S	MuSigma,Cognizant
Aneeta Roy	IBS,Wipro,Cognizant, UST Global
Angel Joy	Wipro,MuSigma,UST Global
Anjali V K	MuSigma,Cognizant
Anjana M	Hexaware,IBS,UST Global
Anoop Antony Albi	Aspire Systems
Antony G Pynadath	Wipro,Quest Global, Qburst, Experion,TCS,UST Global
Aparna V	Qburst
Ardra C A	Cognizant
Arjun Krishna J G	TCS,Experion
Arunima Raj B	Mitsogo,TCS-Digital, Deloitte

Name	Company
Arya Babu M B	Hexaware,Wipro,TCS, MuSigma,Cognizant
Athira Ajoy	TCS,MuSigma
Athul K Menon	TCS,Dexlock,People10
Athulya K B	Wipro,Qburst,MuSigma, UST Global,Cognizant
Basil Leju	Dexlock,SOTI
Bhagya Babu	Wipro,Cognizant
Binu Thomas Abraham	Sutherland
Christy Thomas	Dexlock,SOTI
Deepu Cyriac	Tata Elxsi,TCS,Dexlock, Virtusa,Cognizant, Veritas Prime Labs,
Devana C U	IBS,IBM,Qburst,MuSigma, UST Global,Cognizant
Devnandan S	Sutherland
Don Sebastian	Sutherland
Eldho Varghese	Sutherland
Gautham Krishna S	Wipro,TCS,Marlabs, Cognizant
Gautham S	Wipro,Qburst,People10, Quest Global,UST Global
Gokul Raj	UST Global,Virtusa
Gopika V	Qburst,UST Global
Grace Mol Joy	IBS,TCS,Kalkitech, Cognizant
Harikrishnan M	TCS,Quest Global, People10,UST Global
Honey Mariam Babu	TCS,Dexlock,People10
Ihsan Shihab	UST Global

Name	Company
Jayprakash Shivashankar Nair	People10
Jees Maria Joy	TCS,IBM,Dexlock
Jeevamol Seby	TCS,UST Global
Jenat Jose	Wipro,Experion,Virtusa, UST Global,MuSigma, WinWire
Jibin George	Zensar,Prevalent Ai
Joel Jorly	Wipro,TCS,Vanenburg, Quest Global,UST Global
Joel P J	Sutherland,Tataelxsi, Cognizant
Joseph A J	TCS
Keerthana A	IBS,Capgemini,Experion, MuSigma, USTGlobal, Cognizant,WinWire
Keerthana S	MuSigma
Keerthy E J	Sutherland,Yatra.Com
Kevin Paul K	Tata Elxsi,WhiteRabbit, USTGlobal,Cognizant, Deloitte,TCS
Kevin S Manavalan	Wipro,Qburst,WhiteRabbit, Virtusa
Krishnapriya A	Wipro,IBM,USTGlobal
Kurian Jijo	Wipro,TCS,Dexlock
Lakshmi Harish Kumar	Mindtree,Dexlock,Quest Global,Cognizant,Deloitte
Liyon Natious	Wipro,UST Global
Marvel Varghese	SOTI
Midhul M	Dexlock,TCS- Digital
M Navaneetha	IBS,Wipro,Dexlock, People10,Cognizant
Mohammed T	IBS,TCS,Envestnet, Dexlock
Muhammad Zaruf C	TCS,Mitsogo,Marlabs, Virtusa
N Adharsh	Hexaware,Capgemini, Zerone Technologies
Nahid M A	Tata Elxsi,Quest Global, UST Global,TCS
Nahla Mohamed	Tata Elxsi,TCS,UST Global
Nair Amrutha Prakasan	Tata Elxsi,Wipro,Envestnet, Byjus App,MuSigma,TCS, Marlabs,UST Global,Virtusa
N Akshay	TCS,UST Global,Cognizant

| Name	Company
Navaneethkrishnan M	TCS,WhiteRabbit,People10
Naveen B Jacob	IBS,TCS,Dexlock,People10
Naveen K Biju	Wipro,TCS,UST Global
Nima Moideen	IBS,Wipro,TCS,Experion, Quest Global,Marlabs,IBM
Nino Joy	Dexlock
Niranjana M N	TCS,UST Global, Cognizant,Capgemini
Paul Elias Sojan	Tata Elxsi,TCS-Digital, Quest Global,Virtusa,Wipro
Rakenth P C	TCS
Rejani Rajesh	Wipro,Dexlock,Mitsogo
Richard T S	Wipro,Qburst,Quest Global, MuSigma,Marlabs,Experion, UST Global,Cognizant
Rithika Liz Bobby	IBM,Dexlock,TCS-Digital, People10
Roniya Varghese	IBS
Rose Stombel	TCS,UST Global,Cognizant
Sabarinath R	TCS,Dexlock
Sabir Ebrahim	Wipro
Salma Sabir	Byjus App,QuestGlobal, Dexlock,Cognizant,TCS,IBS
Sandeep Reji Alex	People10
Shemin Anto	Tata Elxsi,TCS, Dexlock,Virtusa
Shiv Shankar Nath	Tata Elxsi, Quest Global, Wipro,People10,Cognizant, Dexlock,Marlabs
Shreyas S Kumar	Wipro,Qburst,Experion, Virtusa,UST Global, Cognizant, Applied Materials
Sruthadev Sacheendran	IBS,TataElxsi,TCS, Capgemini, Dexlock, Cognizant,Wipro
Sunny Joseph Saju	TCS
Suzaine Ayickal	TCS,UST Global,Cognizant
Swaliha Abdulsalam	GadgEon,Cognizant
Syam Babu M	Dexlock
Tania Ann Anil	Qburst,Aspire Systems
Teena Poulose	TCS,IBM,Dexlock,Cognizant
Ujwal Rajeev	Travancore Analytics, UST Global,Qburst
Vyshak A	Wipro,UST Global
Namitha Tom	IBS,TCS,Dexlock,Marlabs
Narayanan V Eswar	IBS,TCS,Dexlock

Mpower

The placement training programme - Mpower for third year students kicked off with an inaugural session at 9 am. Students were highly benefited by the effective training sessions led by the trainers, Mr. Krishna Kumar and Ms. Mridula. Talks and other activities led by them aided the transformation from the student phase to the professional phase of life.
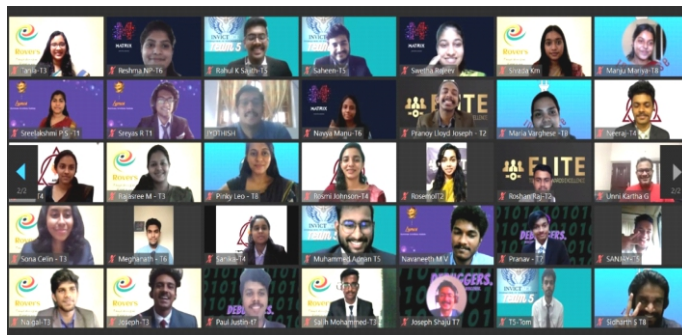

Internships for S3 and S5 Students

A four-day training programme on iOS App Development was conducted from 25th-29th April, 2022 for S3 and S5 students. The programme aimed to equip the participants with the basic knowledge on iOS App Development environment and the job opportunities related to it. It was headed by Mr. Akash C K, the Training and Development Manager at Consolidated Techware Pvt. Ltd. along with Mr. Aafthab Ahmed K M.
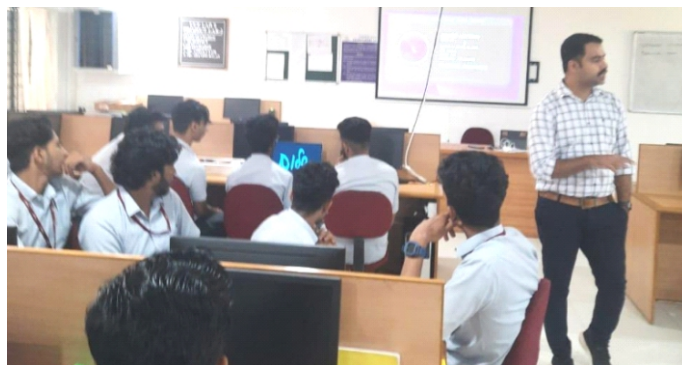

WEB DESIGNING COURSE

A web designing course was organized for the first year Computer Science and Design students under the guidance of Dr. Prasad J C, Professor, CSE. The sessions were taken by Joel Nickson, Aman K Shihab, A R Amarjith and Ashmi Subramanian, third year students of CSE department. The course that included various topics including Basic HTML, CSS, Bootstrap and Tailwind was conducted from 24th January 2022 to 14th February, 2022. Around 50+ students took part in the programme. The goal was to provide basic knowledge on Web Development and to occupy the participants with the necessary skills for Web Designing.

Aman K Shihab   **Joel Nickson**

Ashmi Subramanian   **A R Amarjith Raj**
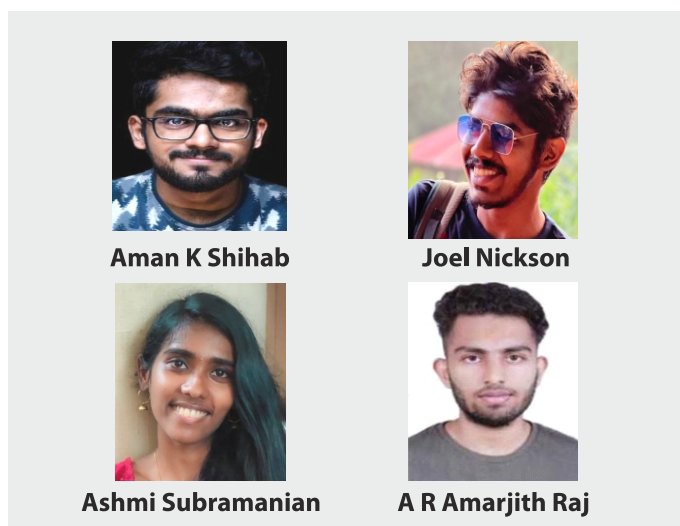
WEBINAR - RUBIX CAREER GUIDANCE

A webinar on "Career Guidance" held by RUBIX ACADEMY was conducted on 29th January 2022, in online mode for second and third year students. Ms Roshna KI, AP, CSE, gave the welcome address. The session was handled by the expert Mr. Baazil P Thampy, Co-Founder of Rubix Academy, who has qualified the GATE exam 10 times. He shared his experiences on his achievements and techniques adopted for achieving them. The importance of the GATE examination as well as other technical exams in the field of engineering was also discussed in the session.
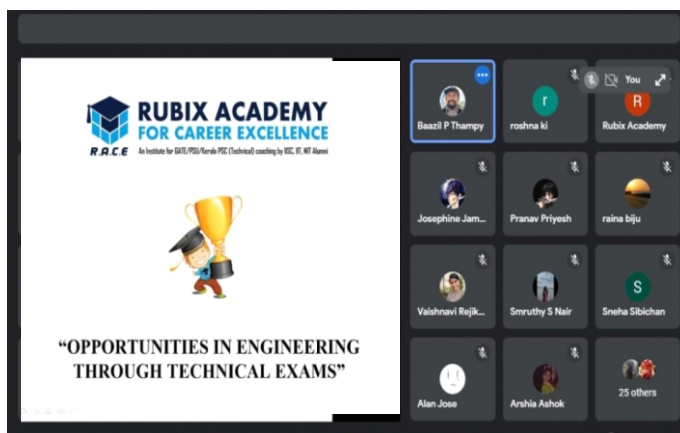
"FISAT has the best-in-class facilities for its students. Whether it's faculty who is ready to go extra mile for supporting the students academically, extra curriculum or even personal; or if it's infrastructure, has one of the most beautiful college campuses with almost all amenities; fully equipped labs, we never faced any situation wherein we didn't have enough devices/equipment to work on our projects/ lab. A fully functional library with more than ample academic and non-academic books is also worth mentioning."

Syamjith S
B.Tech CSE (2002-2006)
Project Manager, UST, Trivandrum

"I am highly indebted to the entire FISAT family, particularly the CSE department, for helping me succeed professionally. The friendly environment and systematic approach towards imparting quality education at FISAT have helped me evolve into a competent individual. As a result of the constant support and guidance, I was able to sail through the toughest SSB interview to get selected as Commissioned Officer in the prestigious Indian Navy. I once again extend my sincere gratitude and wish your entire team all the success in your future endeavours."

Lt. Cdr. Nelvin George
B.Tech CSE (2007-2011)
Dy Senior Edu/ Met Officer
INS Hansa, Goa

Aloshious Babu
B.Tech CSE (2009-2013)
Software Engineer, Microsoft R&D Pvt. Ltd.,
Bangalore, India

"FISAT had done a splendid job by inculcating the ability in me to learn and build the strong foundational knowledge provided by them. I am very thankful to the faculty that gave me the knowledge and confidence and has brought a new dimension into my life to achieve a successful career. 4 years at FISAT gave me a lot of exposure and opportunities. FISAT provide immense support for student research and extracurricular activities that help students to have an edge over others."

"FISAT was significantly above the quality criteria as an institute. The exposure it provided was unparalleled and provided me with immense opportunities to mould my future career. As a student of the Computer Science department, I was able to develop and improve on many vital skills such as team-work, communication, analytical mind, curiosity and the value of these skills helped in shaping my future career. Computer Science is a fertile ground for critical thinking and the activities and curriculum provided by FISAT and the Department of Computer Science ensured that it was spot on. My college years helped me grow as a person in a variety of ways, and I will always cherish those memories and keep those moments close to my heart."

Jayasankar Santhosh
B.Tech CSE (2010-2014)
PhD Researcher in Artificial Intelligence
German Research Centre for Artificial Intelligence,
Kaiserslautern, Germany
Department of Smart Data and Knowledge Services

"FISAT provided me with a great environment for academic and personal growth. The college offers excellent infrastructure ,facilities and a terrific library system. The passion and dedication of the teachers are beyond words! I'm thankful to the college and teachers for helping me build a strong foundation which has helped me tremendously in my career."

Susan T Mathew
B.Tech CSE (2013-2017)
Developer, SAP Labs India

Padiyirakkam'22
(2018-22 Batch)

"Bidding Farewell is never going to be easy, but so is it inevitable."

"Padiyirakkam 2022" was an auspicious event organized by the Computer Science (2019-23) batch on 4th July 2022 for bidding goodbye to their dear seniors of 2018-22 batch. It started with a short felicitation by Dr.Jyothish K John, HOD, CSE, followed by an address by Dr. C Sheela, Vice Principal, FISAT. The mentors and the respective class representatives shared their experiences during the course. Later, they were engaged in being a part of the fun activities the juniors had in stock for them. The event came to an end with the students sharing their meals, one last time.

FIRST YEAR INDUCTION PROGRAMME

As per the AICTE and KTU norms, a One-week Induction Programme was arranged by FISAT from 25th-29th October 2022 for the newly joined students of 2022 admission. The aim of this programme was to nurture the students to adapt to the new environment, adjust and inculcate in them the ethos and culture of the institution. The programme enabled the students to build bonds with other students and the faculty members, and expose them to a sense of larger purpose and self exploration. The chief guest Honourable District Collector Ms. Renu Raj IAS inaugurated the session and addressed the students with her valuable words. Mr. Shimith P R, Chairman, FISAT, presided over the function. In connection with the induction programme various sessions on Substance Abuse, Cyber Laws, Road Safety, etc. were conducted by the experts from the respective fields. Furthermore, the students were made aware about the activities of the different Department Cells like FFSC, ACM, FCFS, CCRC, CSI and CSE association THYRA. The induction programme was concluded by a cultural event organized by the first year CSE and CSD students themselves.

Industrial Visit of Final Years

Both final year batches of CSE (2019 admission) visited Zephyr Technologies & Solutions Pvt. Ltd. Mangalore. After an introduction about the company, one of the employees familiarised the work cultures in software firms, explained about the Machine Learning techniques and projects they are doing in the field of Artificial Intelligence and the software product cycle and the different steps involved before launching a product, from the initial analysis phase to development and testing. The students got insights about SDLC process followed for a software project, within a software organization, the skillsets required to become a Data Scientist, Python and R programming language concepts and also the significance of Artificial Intelligence.

S7CSEA

S7CSEB

CS Family Trip

Department of CSE arranged a one-day outing for the staff to WHISPERING WATERS, Paniyeli Poru (Kuruppampady) on 2nd April, 2022. Dr. Jyothish K John took the initiative and this was very well organised by the coordinators Dr. Reshmi R and Ms. Shimy Joseph. Around 65 members including staff and children joined the trip and made it a memorable day.

Onam Celebration

Onam, a unique festival of Kerala, was celebrated at FISAT on 1st and 2nd of September 2022 in a glorious way. Various Onam games such as Malayali Manka, Vadamvali, etc. were conducted. Ms. Shimy Joseph, AP,CSE department was selected as Malayali Manka of the year 2022-23. Students participated and became winners in various events such as Vadamvali, Malayala Kesari, Onappookkalam, Mega Thiruvathira, etc.

Interaction with the Chairman

Mr. Shimith P R, Chairman, conducted an interaction session with the entire CSE team on 13th December 2022. Dr. Manoj George, Principal,Dr. CSheela, Vice Principal, and Dr. Mini P R, Dean Academics, were also a part of the meeting. Dr. Jyothish K John, HOD, CSE, presented the various academic activities of the CSE department. The Principal appreciated the staff of the CSE departmenton their successful efforts in conducting effective remedial classes.The wholehearted dedication and the team work of the CSE staff were also mentioned. The meeting ended happily with a small cake cutting ceremony.

Christmas Celebration

Christmas celebrations of the year 2022 - "FIZMAS" was held gloriously by the students of FISAT on 23rd December, 2022. Students enjoyed the occasion by decorating their classrooms and cutting cakes. Various cultural programmes such as Christmas Carol, Santa Dance and the live musical show by the Matadoria Band made it a fabulous event.

CS TEAM

Editorial Note

"Writing is thinking on paper" - William Zinsser

We are extremely pleased to present the latest edition of our Department Newsletter - **"Icon 2022"**. This issue is packed with insightful events, exciting news, and noteworthy achievements of our team members. Our department has been buzzing with activity, and we have some exciting updates to share. In this edition, you will read about some of our recent projects, collaborations, initiatives and accomplishments of our talented students and colleagues.

Thank you for your continued support and interest in our department's work.

Sincerely,

Staff Editors

Ms. Chethna Joy
Assistant Professor (Special Grade)

Ms. Meenu Mathew
Assistant Professor (Special Grade)

Associate Editor

Ms. Simi Stephen
Assistant Professor (Special Grade)

Mr. Vishnu Prasad
Designer

Student Editors

Anupama R H (S8 CSE A), Rosmi Johnson (S8 CSE B),
Helen Anil (S6 CSE A), Sreelakshmi Vinod (S6 CSE B),
Agnes Shibu (S4 CSE A), Karthik Prasad (S4 CSE B), Fathima Nazarin P K(S4 CSD)