



VISION

To emerge as a centre of excellence in Electronics and Communication Engineering churning out informed, innovative, socially committed and quality conscious engineers for the society.

MISSION

- Foster an environment for multifaceted education rooted in science and contemporary technology
- Facilitate quality research and development leading to innovations in the field of Electronics and Communication Engineering
- Develop competent young engineers to complement the virtues of the society

About Us...

The Department of Electronics and Communication Engineering was established during the inception of the institute in the year 2002. The department has an annual intake of 120 students for the B Tech course and 48 students for the M.Tech course. The department has well experienced and dedicated faculty members and aims to impart sound knowledge and awareness in the latest developments in the field of Electronics and Communication Engineering.

The department has eight well equipped state of the art laboratories to provide the students with the necessary and sufficient backing of practical knowledge, besides encouraging them to try out their innovative research and development ideas. These laboratories provide facilities in the areas of Electronic Devices and Circuits, Linear and Digital Integrated Circuits, Microprocessors, Microcontrollers, VHDL, Digital Signal Processing, Microwave Engineering, Optical Communication and Satellite Communication. The laboratories are also equipped with the latest versions of software like SCILAB, CADENCE Design Suite, ANSOFT simulation software, SPICE Tools, Xilinx ISE, FEL, MATLAB, ORCAD etc. The class rooms are also equipped with the latest audio and visual teaching aids.

The department has consistently achieved excellent results in the university examinations and also has a very good placement record. Students of the department bagged the first rank in the MG university examination in the years 2012 and 2010 for the B Tech course and in the KTU university examination in the years 2019 and 2020 for the B Tech course. The first rank and third rank of the M Tech Communication Engineering of the 2010 – 2012 batch and the first rank of the M Tech VLSI and Embedded Systems of the 2014 – 2016 batch, were bagged by the students of the department.

The students of the department have always bagged very good offers from companies like Robert Bosch, DCT, VVDN, TCS, UST Global, IBS, RMESI, COREAL, Speridian, Tata Elxsi, Kalki Tech, Procsys etc.

Experts from the industry are periodically invited to give lectures/ demonstrations to the students on the latest developments in the field. Students are given exposure to industries by industrial visits and industrial training session. Students undertake training in reputed industries like BSNL, Keltron, FACT, CIAL, AirIndia, OEN, Tata Communications, etc.

As part of the faculty empowerment programme, the staff members are encouraged to attend seminars and workshops in the different areas of Electronics and Communication Engineering. Many value added programs like conferences, workshops, technical quizzes, project exhibitions, design contests, paper presentations, personality development courses etc are conducted by the department.

LIST OF ALL THE CONTENTS AND PAGES

- Special Achievements in Academics
- NBA Expert team visit
- ELECTRONIC AND COMMUNICATION HEURISTICS ORGANIZATION (ECHO)
- MoU
- Infrastructure
- Class Toppers
- Faculty Achievements
- Faculty Development Program and Promotion details.
- Industrial Visits
- Details of internships, NPTEL and MOOC courses done by ECE Students
- Hobby Club activities
- PLACEMENT STATISTICS 2019-2020
- Student achievements in co-curricular and extra curricular activities
- Teacher's day celebrations
- Alumni speaks..

PROGRAM SPECIFIC OUTCOMES

Students of the Electronics and Communication Engineering Program will have:

- The ability to apply the fundamental knowledge of Electronics and Communication Engineering to analyze, design and develop various types of electronic systems.
- Competence in using modern hardware and software tools for developing solutions to engineering problems.
- Excellent adaptability to the changing industrial and real world requirements.

PROGRAM EDUCATIONAL OBJECTIVES

- Graduates of the program will have the technical expertise to analyze and design hardware and software components of electronic systems, benefiting industry and society.
- Graduates of the program will be able to exhibit excellence in the field of Electronics and Communication Engineering and contribute significantly in research and development, enterprise and leadership.
- Graduates of the program will be successful, ethically driven professionals with a passion for continuous learning.



A dazzling extravaganza of tremendous endeavour, zest and zeal for excellence in every realm is a highlighted aspect of the department of ECE. I consider my acquaintance with the department as an honour. Tedious efforts put in by the department in academics is to be heavily applauded and laurels brought in are a privilege to our college, producing two toppers consecutively for the first two batches of KTU, who topped all ECE students from 169 Engineering Colleges across Kerala, is just a paradigm for this. I am highly delighted to associate with the department of ECE. Best wishes for the team to continue the triumphant stride. I extend my sincere wishes to Electronica Volume VI, the newsletter from the team and look forward to more such ventures.

Dr. George Issac
Principal ,FISAT

The department of ECE is an inevitable pillar in the triumphant stride of FISAT down the timeline, since its inception. Ardent endeavours from the team in all aspects dealt with, is a key factor in placing them at the zenith. Distinct ventures like ECHO, Hobby club, ELECTRONICA, Project Expo etc add gems to the department diadem. Meritorious academic achievements every year is an excellent paradigm of the tough grind from the entire crew. I welcome the latest news letter edition from the department, Electronica- volume VI- with extreme gratification and extend my warm wishes to the department in all its endeavors.

Dr. C Sheela
Vice-Principal ,FISAT



I have great pleasure to jot down a few lines on this special occasion of releasing the annual newsletter of the Department of Electronics and Communication, Electronica.

It is inarguably true that we are facing unprecedented challenges in the form of global pandemic, perhaps the most adverse and unpleasant, that we have ever experienced in our lifetime. The debilitating effects of Covid – 19 are still rocking the world. There is hardly any institution which has not been affected and disrupted. The old and young alike have seen their lives turn upside down in a matter of days. A seismic change was thrust upon us by the lock down and the newly imposed Covid protocols. The very concept of classroom teaching has been replaced by online teaching. New ‘normal’ has already found its place everywhere.

We are forced to delve into uncharted territories and soon enough, we adapted to the online delivery model and virtual learning mode where new gadgets and tools are extensively used- reminding us an old adage ‘ .

FISAT, thanks to the timely support of the Management and dedication of the staff and students, could surpass the present difficulties to a great extent and tried to strive forward taking every challenge and opportunity. The ECE department in FISAT has been one among best departments in the University in terms of students’ performance and quality of faculty members. The NBA accreditation for the B. Tech. programme, the elevated status of the department as an approved KTU research Centre etc. are feathers added recently to your cap. I wish that the Department would scale much greater heights in the years to come.

I specially congratulate the department, the newsletter team in particular, for keeping your spirit undamped by these atrocities and venturing to conduct more activities than ever before. Electronica is a manifestation of your concerted efforts and indomitable determination.

Stay safe and best wishes

Dr. Sunny Kuriakose
(Dean, Academics and Administration)

The academic year 2019-2020 has once again turned out to be a glorious year for the department of Electronics and Communication Engineering of Federal Institute of Science and Technology (FISAT) as the department has secured University ranks for the second consecutive year. This year our students Ms Athira S and Ms Lakshmi Vijayan have made us proud by securing the First and Eighth ranks respectively in APJ Abdul Kalam Technological University for the B Tech ECE program. The excellent results in the university examinations and placements secured by the students reflect the dedication and commitment of the faculty members towards making the ECE department and the institution a Centre of Excellence. We provide our students with ample opportunities for holistic development and ensure that each of our students emerge as competent engineers and valuable citizens of the nation.

This newsletter is an attempt to highlight the achievements of the department. I wish good luck to the entire team of editors and look forward to your kind patronage to our newsletter.

Dr. Mini P R
HOD , Dept of ECE



SPECIAL ACHIEVEMENTS IN ACADEMICS



ATHIRA S (FIT16EC046)
1st rank in B.tech ECE (2016-20)
APJ Abdul Kalam Technological University
CGPA of 9.83



LAKSHMI VIJAYAN N (FIT16EC081)
8th rank in B.tech ECE (2016-20)
APJ Abdul Kalam Technological University
CGPA of 9.63

Students of Final year
ECE (2016 admission)
qualified in GATE 2020



Athira S



Unnimaya K S



Sebin Thankachan

M.tech student achievements



Miss Dhanya George
(M tech VLSI and Embedded Systems 2018-20)
1st rank Ernakulam 1 cluster
CGPA of 9.46



Miss Lakshmi Prasad
(M tech COEN 2018 -20 batch)
Placed in Federal Bank.

NBA Expert Team Visit



The NBA Expert team visited the institution from February 14 -16, 2020. During the first day, the experts conducted detailed interaction with teaching and lab/technical staff and verification of files and documents. The team also visited the labs, attended a few live classes and interacted with the students. The files coming under various criteria were verified on the second day and the Exit meeting was on the last day. Following the visit, the ECE department along with the other four departments was officially NBA accredited on 06th May 2020.



ELECTRONICS AND COMMUNICATION HEURISTICS ORGANIZATION (ECHO)

ECHO, the official association body of the ECE department was moulded in 2004. Ever since then, it has provided platforms for conducting interactive talks and workshops for the students. This academic year also ECHO has served its purpose and various programs were organized for the students.

Electronics And Communication Heuristic Organization (ECHO) Annual Report

“Learning gives creativity. Creativity leads to thinking .Thinking provides knowledge. Knowledge makes you great.”: - Dr APJ Abdul Kalam.

The Electronics And Communication Heuristic Organization (ECHO) was formed in 2004. ECHO focus to enable someone to discover or learn something for themselves and to self motivate the students by “relating to solving problems by experience rather than theory”. This association focus at enhancing the technical knowledge of students by conducting various programs like expert lectures, workshops, seminars, industrial visits, intra & inter department technical competitions and in bringing out the passion, intelligence and creativity in them for bridging the gap between Academics & Industry. It also helps to create the ability to understand and effectively communicate engineering and related concepts, nurture entrepreneurship and leadership qualities to enhance their roles in providing service to the society.

ECHO encourages more students to conduct & coordinate workshops, social events, expert lectures and soft skills development activities, provides platform to conduct trainings, hands-on workshops and support students with innovative ideas, that will enhance their experience and become more prepared to face the future work challenges. Also this organization will work to promote a positive relationship among students, faculty and staff. It helps the enhancement of social, managerial & technical skills of students and creates an environment that promotes creativity in form of innovative ideas & projects.

Every year a one-day technical event “AGNITIO” and design project competition is conducted, which consists of project exhibition by the final year and pre-final year students, quiz competition, and various technical competitions.

Various activities of ECHO in the academic year 2019-2020 are Workshop on LT-Spice for 2019 admission students, Technical talk on Basics of Radar Engineering for 2016 admission students, Design Project Exhibition for 2017 admission Students, Technical talk on Professional Ethics and finally Agnitio 2K20- the final year project exhibition.

The Final year Project exhibition and all the events associated with the Agnitio2K20 were conducted on online mode. Respective Chairman of FISAT Mrs Anitha P inaugurated the event. Best outgoing student and Hima memorial endowment were announced on that day. Ms Unnimaya K P of 2016 admission secured the Best Outgoing student award. Ms Nanda K R of 2017 admission year and Ms. Santhwana T of 2018 admission were awarded the Hima Memorial Endowments.



Team ECHO



Anoop E.G
Staff-in-Charge
ECHO

ECHO EVENTS

Lecture on Basics of Radar Engineering

An expert lecture on the Basics of radar Engineering was conducted on 22nd November 2019. The lecture was delivered by Mr. Sibil Kumar T B , Scientist, DRDO, Bangalore and the venue chosen was the Main Seminar Hall. Students of the first year and final year of B. Tech ECE attended the session.

The session started at 1.30pm with a brief outline of the class by Mrs. Jilu George, Assistant Professor Special Grade, Department of ECE, FISAT. Mr. Sibil Kumar started his lecture by giving a brief introduction about the basics of RADAR Engineering. The lecture was focused on the practical aspects of Radar Engineering. This reinforced the understanding of final year students for the project “ Microwave and Radar Engineering(EC403)”.. For first year students, it was an enlightening experience to get exposure to industrial experts. The session was coordinated by Mrs. Anu K Kuraikose, Assistant Professor, ECE along with members of ECHO club of FISAT. The students generally gave a positive feedback and urged us to conduct more such lectures.

SHAASTRA'19-Design Project EXPO Report

The Electronics Communication Heuristic Organization had organized its Design Project Exhibition SHAASTRA'19 on Monday,25 Nov 2019. The students of 5th semester B.Tech ECE participated with their working project models. It was arranged in the Systems Lab and Communication Lab,1st Floor, South Block between 9.00 AM and 1.00 PM, with 24 teams participating in the exhibition.

As apart of their academic Design project EC 341,students completed the projects under the guidance of Mrs. Deepa N.R., Mr. Anoop E.G., Mrs. Jilu George, Mrs. Aiswariya Raj,Mrs. Nisha R. , Mrs. Gayathri I.K. and Mrs. Neena K.A., faculty members of the ECE Department.

The exhibition covered various Electronic Projects like Self Sortable Smart Dustbin, Infographic Mirror, Accident Prevention and Safety Car, Piezoelectric Road System, Smart Cap- Visual Aid Using Raspberry Pi, Railway Gate Control And Feedback System, IoT Based Air Quality Monitoring System, Hybrid Connector, Automated Car Parking with empty slot detection, Anora-The 3rd Eye etc. to name a few.

The faculty members from various departments and the students of S1 & S3 ECE interacted with the project teams. The main objective of this exhibition was to share the fundamental engineering knowledge of the projects to the visitors and provide an opportunity for the students to demonstrate their learning experience. The outcome of the project exhibition was to enable the students to exhibit their projects and the process boosted their confidence.

This exhibition was arranged as a part of ECHO activities and the faculty members of department of Electronics provide guidance to the students for the successful execution of the program. All the the participating teams as well as the students visiting the exhibition enjoyed the event.

Circuit Designing Workshop

The Circuit Designing workshop was conducted in the afternoon of the 15th of November 2019, by Ms. Jilu George, Assistant Professor (FISAT) and Ms. Sreelekshmy S, Assistant Professor (FISAT).The workshop aimed to have hands-on experience To draw electronic circuit diagrams using BIS/IEEE symbols and to introduce EDA tools, to interpret data sheets of discrete components and IC's, Estimation and costing.The workshop was organized by the ECE Department of FISAT and was conducted in the Microprocessor lab. The first batch comprised of 31 students from ECB. It was an amazing and energetic session. A small briefing session at the beginning of the workshop pointed out the importance of a circuit simulator and about having a clear schematics of the circuitDuring the session, we were introduced to Electronic Design Automation (EDA), which is a category of software tools for designing and testing electronic circuits in a virtual environment, this tool helps to design circuits in the absence of hardware components.

Different EDA tools are available. eg, LTspice, Proteus, Orcad, Pspice, Eagle, etc...The session was performed in LTspice(originally called Switcher CAD), which is a freeware computer software implementing a SPICE electronic circuit simulator, produced by semiconductor manufacturer 'Linear Technology', now part of Analog Devices. It is the most widely distributed and used SPICE program in the industry. LTSpice IV provides a schematic capture and waveform viewer with enhancements and models to speed the simulation of switching regulators. LTSpice IV is node-unlimited and 3rd party models can be imported. Circuit simulations based on transient, AC, noise and DC analysis can be plotted as well as Fourier analysis. Heat dissipation of components can be calculated and efficiency reports can also be generated.

Talk on Professional Ethics

A talk on Professional Ethics by Mr. Praveen V, Assistant Professor, FBS was conducted on 21st January 2020 for the sixth semester students. The session started at 10 am and spanned for two hours. It was very interactive and all students were equally engaged throughout the session.

Firstly ethics and morality in Professional life was discussed and the session was very lively when the concepts were illustrated with examples from daily life. The speaker explained the difference between the two opposite ends with respect to professional ethics by means of a comparison chart.

The session was very informative and enlightened the young minds.

MoU with luure.ai

Electronics & Communication Engineering department, FISAT has made a memorandum of Understanding (MoU) with Luure.ai on 1st day of July, 2020. Luure.ai is an LLP company incorporated under Govt of India and having Corporate Offices at 5th floor Amstor building, Technopark, Trivandrum. Luure.ai is actively engaged in providing Artificial Intelligence based solutions.

Luure.ai supports FISAT in the following areas:

Module-1: Impart training and skill development programs for students and staff.

Module-2: Impart internship for selected UG and PG students on live projects based on interview and availability of the projects at luure.

Module-3: Association on joint consultancy works.

Module-4: Faculty support from luure on specific topics in the syllabus.

Module-5: Impart training for FISAT staff on latest technologies available at luure.

Module-6: Impart long term training for FISAT students to enhance employability without affecting FISAT regular class timings.

MoU with Hortari Technologies Private Limited

Memorandum of understanding between 'Hortari Technologies Private Limited' and Electronics and Communication Department of Federal Institute of Science And Technology' for partnering to launch the platform 'Hortari Explorer' (a service of 'Hortari Technologies Pvt. Ltd.')

was signed for the period of 15th september 2019 to 15th september 2023. The general objective of the MoU is to stimulate and facilitate the skill development of students through the Hortari platform and other services provided by the Hortari to nourish and develop the college students during the period they are enrolled in the college. It was also a proud moment for the department as one of the founders of the company, Mr. Ajayson V S, is an alumni of ECE department, FISAT (2012-2016 batch).



Dr. Mini P R, HoD of ECE with Mr. Ajayson V S and Mr. Anand Sai on the occasion of signing MoU with Hortari Technologies Private Limited

INFRASTRUCTURE

Laboratories

The Department of Electronics and Communication Engineering is well equipped with high end design and analysis laboratories which are used extensively by the students and faculty members for their curriculum and research activities.

The following is the list of labs in ECE dept:

- Basic Electronics Lab
- Electronics Circuits Lab
- Integrated Circuits Lab
- Microprocessor and Microcontroller Lab
- Communication Lab
- VLSI Design Lab
- Systems Lab
- Systems Lab
- Centre for Research and Innovations in Signal Processing(CRISP)

Students of early semesters will be practicing their lab session in circuit theory at Basic Electronics and Electronic Circuits lab .These lab consists of all types of active/passive components, measuring instruments, cathode ray oscilloscopes, function generators and various types of decade boxes.

Experiments in the IC lab help the students to get exposure about the analog ICs and Digital ICs performances and applications. It helps the students to design the given specification and requirements and also to check for the functionality by using digital IC trainer kits.

Microprocessor and Microcontroller lab is equipped with programming kits in Intel, Atmel & Microchip processors and Simulation softwares such as Xilinx, MASM, Keil, etc. which creates a practical idea in coding the processor and controller. It helps the students to know the methods of interfacing various peripherals like display, keyboard etc.



Centre for Research and Innovations in Signal Processing (CRISP)

Signal processing techniques have come to occupy a centre place of importance in engineering and technology as evidenced by the plethora of electronic devices available in the market and which employ simple to complex signal processing operations. This points to the opportunities available for signal processing

The centre has facilities such as:

DSP kits like TMS 320C6713, TMS 320C6416, Digital storage oscilloscopes, function generators etc.

For simulation purposes, ANSOFT simulation software, Multisim software and PCB design software are also available

Additional facilities include ARM microcontroller kits and OMAP boards

Some of the research activities in progress in the research centre include:

1. Transforms of signals for image compression and transmission.
2. Digital beam forming for mobile communication.
3. Simulation of different types of Microstrip patch antennas

The centre has also conducted workshops on MATLAB and ANSOFT simulation software and FPGA trainer kits. Workshops on Arduino and RaspberryPi are scheduled in the near future.

Center of Excellence in Robotics and IoT (CER)

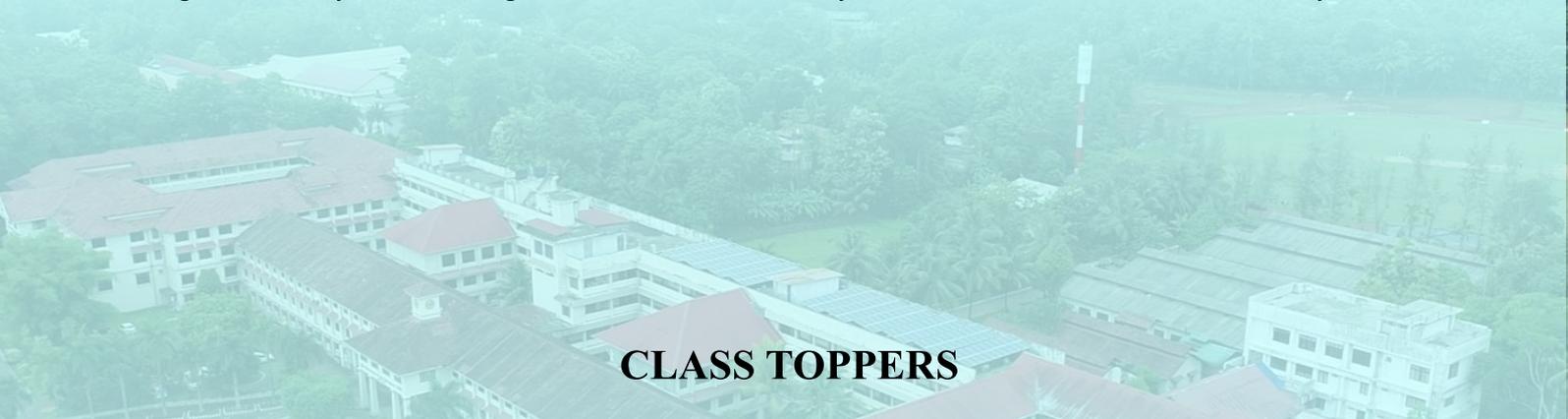
The Center of Excellence in Robotics and IoT lab (a.k.a CER lab) was established under an initiative by IIT Bombay with the motive of providing students with industry-standard equipment and resources to develop their skills in engineering beyond what is learned in regular classes each day. The center was first established in the year 2016 under the aegis of Center for Continuing Education, FISAT. It was later identified as a Nodal center for project e-Yantra by IIT Bombay and was upgraded as an eLSI lab in 2016. The center has been successful in conducting three national-level workshops for faculties in association with IIT Bombay. The student members have also been using the lab quite fruitfully and have done several projects in robotics of which some have even gained nation-wide recognition.

The center currently has 20 student members who are currently final and pre-final year undergraduates from CSE, ECE, ME and EEE Departments here at FISAT. Mahesh C (Asst. Prof. CSE Dept.) and Bejoy Varghese (Asst. Prof. ECE Dept.) are the faculty members guiding the center and its activities.

Project e-Yantra

Project e-Yantra is an initiative to spread education in Embedded systems and Robotics by IIT Bombay sponsored by the Ministry of Human Resource Development through the National Mission on Education through ICT (NMEICT). This project was conceptualized by Prof. Kavi Arya and Prof. Krithi Ramamritham of the Department of Computer Science and Engineering at IIT Bombay. The goal is to create the next generation of (Embedded systems) engineers in India with a practical outlook to take on challenging problems and provide solutions.

As part of the prestigious e-Yantra project, FISAT has set up a Nodal Centre of Excellence in Robotics and Internet of Things in collaboration with IIT Mumbai. e-Yantra Lab Setup Initiative (eLSI) is a college level program under which colleges are encouraged to set up robotics labs. It is designed as a scalable and sustainable approach that addresses infrastructure creation and teacher training – to create an ecosystem at the colleges to impart effective engineering education. FISAT is selected as the Nodal Centre that coordinates all the activities for the e-Yantra lab setup initiative in Kerala region. With this FISAT becomes the only college in Kerala selected by IIT Bombay and MHRD to co-ordinate all the three prestigious (Remote Centre-Ekalavya project, Resource Centre- Spoken Tutorial project & Nodal Centre- Eyantra project) projects. Through this initiative, the students of FISAT will get an opportunity to get trained by the veteran professors in Embedded Systems and Robotics from IIT Bombay.



CLASS TOPPERS

B Tech 2016 – 2020 Batch (upto semester 8)



ATHIRA S
CGPA 9.83



LAKSHMI VIJAYAN N
CGPA 9.63



AMNA NIZAR
CGPA 9.06



NAHALA P F
CGPA 9.04

B Tech 2016 – 2020 Batch (upto semester 8)



UPANYA U PAI
CGPA 9.37



MEERA R
CGPA 9.24



NANDA K R
CGPA 8.96



DEVIKA S
CGPA 8.94

B Tech 2018 – 2022 Batch (upto semester 4)



FOUSIYA P MANAF
CGPA 9.35



SANTHWANA T
CGPA 9.13



SANDRA MARIYA
CGPA 9.11



PRAVEENA MEEMBAT
CGPA 9.1

S4 VLSI & ES 2018 – 2020



Miss Dhanya George

S4 COEN 2018 – 2020



Miss Lakshmi Prasad

Best outgoing student



Unnimaya K S
S8 ECE B

B Tech 2016 – 2020 Batch (upto semester 8)

Hima Memorial Endowment award was an initiative from students of the 2012-2016 batch in the everlasting memory of their classmate Hima C K after her untimely demise in 2015. Its presented yearly to one student from second year and one student from third year of Electronics & Communication Department. The award winners are chosen on the grounds of exceptional academic performance and all round excellence.

Nanda K R of S6 ECE B and Santhwana T of S4 ECE B were awarded the Hima Endowment award for their overall performance.



SANTHWANA T



NANDA K R

Faculty Achievements



Sheelu Susan Mathews, Asst. Prof, ECE dept, was ranked 3rd in NPTEL online certification exam for the subject “Synthesis of digital systems” with a consolidated score of 88%. The course was coordinated by IIT Delhi.

Ms. Vinitha V and Mr. Bejoy Varghese , Asst. Professors of ECE department, conducted online classes for students of APJ Abdul Kalam Technological University and received excellent feedback. Ms. Vinitha V taught the subject “VLSI (EC304)” for 6th semester students and Mr. Bejoy Varghese taught the subject “Computer Organization (EC206)” for 4th Semester students of ECE, KTU.



Ms. Anu Kuriakose presented 2 papers in ICAECT 2020 held at Coimbatore on 12th and 13th June 2020

Ms. Aiswariya Raj presented a paper titled “Counter Forensics: A New PRNU Based Method for Image Source Anonymization” at the third IEEE International Conference on Electrical, Computer and Communication Technologies 20-22 Feb 2019.

Faculty development Programs

- Mr. Basil K Jeemon and Ms. Aiswariya Raj, Asst. Professors of ECE Department were resource persons for the one day FDP titled “Basics of MATLAB” conducted on 12th Dec 2019. The event was Organized by the Science and Humanities department in association with Maths club, FISAT. The event received positive feedback.
- ECE department in association with Indian Society for Technical Education (ISTE) organized a 3 day FDP on “Tools to aid online & blended learning” on 8th, 9th and 16th July 2019. Around 30 faculty members from various departments attended the FDP. Tools such as Gnomio, Moodle, google apps and screencast-o-matic were introduced. Teaching techniques for active learning such as Flipped classroom, Think-pair-share and Jigsaw were also introduced. The resource persons for the FDP were Mr. Basil K Jeemon, Ms. Aiswarya Raj, Ms. Deepa N R, Ms. Christy Jose and Ms. Jilu George, Asst. Professors of ECE department.



- The Department of ECE in association with ISTE organized a one day FDP titled “Introduction to Simulink” on 26th July 2019. Dr. Mini P R, Professor & HoD of ECE department was the resource person. FDP helped to understand the basics of how to create, edit and simulate models in Simulink.



Industrial visits

A study tour was conducted from 20th Feb to 23rd Feb 2020 by 3rd year students of ECE A and B batch (2017 Admn). ECE-A Batch visited Desabhimani, Kannur and ECE-B batch visited SMEC labs, Calicut as part of their industrial visit.



Mr. Benoy Abraham, Ms. Sreelekshmy S and Ms. Gayathri I K , Asst. Profs, ECE department with Students of S6 ECE A Batch during their visit at Desabhimani, Kannur



Ms. Deepa N R and Mr. Anoop E G, Asst. Profs, ECE department with Students of S6 ECE A Batch during their visit at SMEC labs Calicut

Industrial visit to CIAL Kochi

The Electronics and Communication Engineering department of FISAT organised an industrial visit to Cochin international airport solar power plant and radar station on 24th October 2019 for the 2017 batch. The industrial visit was one day started from CIAL and ended up at the rear station.



Mr. Anoop E G and Ms. Gayathri I K, Asst. Profs, ECE department, with students of S6 ECE A Batch



Ms. Nimmy M Philip and Ms. Deepa N R, Asst. Profs, ECE department, with students of S6 ECE B Batch

FDP attended by the faculty

SL.NO.	NAME OF FACULTY	NAME OF TRAINING	DATE	CONDUCTED BY
1	Dr Mini P R	Learning how to learn	11-05-2020 - 16-05-2020	Coursera
2	Ambili A R	FDP on Introduction to Simulink	26-07-2019	FISAT
3	Deepa N R	AI for everyone	02-04-2020 - 22-05-2020	Coursera by Stanford University
		Cybersecurity and the Internet of Things	20-04-2020 - 24-05-2020	Coursera by University System of Georgia
		Excel Skills for Business: Essentials	20-04-2020 - 22-05-2020	Coursera by Macquarie University
		Nanotechnology: A Maker's Course	20-04-2020 - 27-05-2020	Coursera by Duke University, North Carolina State University and The University of North Carolina at Chapel Hill
		Machine Learning for All	20-05-2020 - 24-06-2020	Coursera by University of London
		Introduction to the Internet of Things and Embedded Systems	20-04-2020 - 20-05-2020	Coursera by University of California
		FDP on Introduction to Simulink	26-07-2019	FISAT
4	Nimmy M Philip	FDP on Introduction to Simulink	26-07-2019	FISAT
5	Vinitha V	ASIC front end design-Methodologies using Mentor Graphics EDA tools	15-04-2020 - 15-04-2020	CoreEL

		Embedded System Design flow on Zyng using Vivado	13-04-2020 - 13-04-2020	CoreEL
		AI Programming using MATLAB	11-04-2020 - 11-04-2020	Core EL
		AI Programming using MATLAB	11-04-2020 - 11-04-2020	Core EL
		Getting Started with Python	04-04-2020 - 04-04-2020	Coursera
		FDP on Introduction to Simulink	26-07-2019	FISAT
6	Anoop E G	FDP on Creative Teaching & Makers Workshop	10-07-19 - 12-07-19	FISAT
		One Day Coordinators' Workshop on Arduino	18-01-2020	IIT Bombay
		Coordinators workshop on eSim	27-07-/2019	IIT Bombay
		Design, Implementation and Verification in VLSI	27-04-2020 - 01-05-2020	Sandeepani School of Embedded System Design, Bangalore.
		Switching Circuits and Logic Design	01-07-2019 - 31-10-2019	IIT Kharagpur (NPTEL)
		International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS'20)	28-05-2020 - 30-05-2020	Adi Shankara Institute of Engineering and Technology Kalady
		Digital Classroom – The Agile way	24-06-2020	ICT Academy of Kerala
		Embedded Software and Hardware Architecture	23-04-2020	University of Colorado
7	Subha Thomas	FDP on Introduction to Simulink	26-07-2019	FISAT

8	Minu Kuriakose	FDP on Introduction to Simulink	26-07-2019	FISAT
9	Christy Jose	NPTEL- FDP Body Language: Key to Professional Success	Jul 19- Aug 19	IIT Madras
10	Jilu George	NPTEL- Stress Management	Jul 19- Aug 19	IIT Kharagpur
		NPTEL- Switching Circuits and Logic Design	Jul 19- Oct 19	IIT Kharagpur
		Workshop on eSim	21-09-2019	IIT Bombay
		FDP on Introduction to Simulink	26-07-2019	FISAT
11	Aiswariya Raj	Machine Learning through FOSS	21-05-2020 - 29-05-2020	International Centre for Free and Open Source Software
12	Anu K Kuriakose	DRONE	20-06-2020 - 20-06-2020	CCTI,COIMBATORE
		MATLAB in Communication Applications	19-06-2020	MLR INSTITUTE OF TECHNOLOGY,HYDERABAD
		Introduction to Artificial Intelligence	13-06-2020	ECTA,MES ITM,KOLLAM
		Study of Antenna design and Analysis of simulated results	21-05-2020	NCE,TIRUNELVELI
		Biomedical Applications of Fiber Bragg Grating Sensors	18-05-2020	IIITDM,KANCHIPURAM
		Synthesis of Digital Systems	29-07-2019 - 18-10-2019	IIT, Delhi
13	Sheelu Susan Mathews	FDP on Introduction to Simulink	26-07-2019	FISAT

		NPTEL Online Course on “Electronic System for Cancer Diagnosis”	01-01-2020 - 30-04-2020	IISc Bangalore
15	Basil K Jeemon	NPTEL-FDP Cognition, Transformation and Lives	Jul 19 - Aug 19	IIT Madras
		FDP on Introduction to Simulink	26-07-2019	FISAT
16	Jeslin P Jo	Virtual Teacher (specialization- 4 courses and 1 project)	20-06-2020 - 10-07-2020	University of California, Coursera
		FDP on Introduction to Simulink	26-07-2019	FISAT
17	Manju C P	Programming for everybody	20-06-2020 - 20-07-2020	UNIVERSITY OF MICHIGAN
		Grammar and Punctuations	09-06-2020 - 09-07-2020	UCI
18	Gayathri I K	Vowels of American English Pronunciation	13-05-2020 - 13-06-2020	Coursera
		Speak English Professionally	13-04-2020 - 13-05-2020	Coursera
		IT Infrastructure and Emerging Trends	22-04-2020 - 22-05-2020	Coursera
		IS/IT Governance	17-04-2020 - 17-05-2020	Coursera
		Enterprise Systems	21-04-2020 - 21-05-2020	Cousera
		Analysis for Business Systems	18-04-2020 - 18-05-2020	Coursera
		Specialization in Information Systems	13-04-2020 - 22-05-2020	Coursera
19	Sreelekshmy S	Speak English Professionally: In Person, Online & On the Phone	23-05-2020 - 04-06-2020	Coursera
		FDP on Creative Teaching &Makers Workshop	10-07-19 - 12-07-19	FISAT
20	Bini V K	Programming for everybody	20-06-2020 - 20-07-2020	UNIVERSITY OF MICHIGAN
		FDP on Creative Teaching &Makers Workshop	10-07-19 - 12-07-19	FISAT

Promotion Details

Sl No	Name	Current designation	Date of Promotion
1	Dr Anil Kumar M N	Professor	July 1,2019
2	Ambili A R	Assistant Professor(senior grade)	November 1,2019
3	Deepa N R	Assistant Professor(senior grade)	November 1,2019
4	Pearlsy PV	Assistant Professor(senior grade)	November 1,2019
5	Nimmy M Philip	Assistant Professor(senior grade)	November 1,2019
6	Benoy Abraham	Assistant Professor(special grade)	November 1,2019
7	Minu Kuriakose	Assistant Professor(special grade)	November 1,2019
8	Christy Jose	Assistant Professor(special grade)	November 1,2019
9	Jilu George	Assistant Professor(special grade)	November 1,2019
10	Aiswariya Raj	Assistant Professor(special grade)	November 1,2019
11	Nisha R	Assistant Professor(special grade)	November 1,2019
12	Anu.K.Kuriakose	Assistant Professor(special grade)	November 1,2019
13	Sheelu Susan Mathews	Assistant Professor(special grade)	November 1,2019

Details Of Internships Done By Students

No	Organization	Number of Students	Month & year
1	KELTRON	56	July/August 2019
2	inQube Innovations Pvt.Ltd.	16	
3	Singularis Software Technologies	6	
4	Esight solutions pvt ltd	2	
5	PACE Lab	2	
6	IBS	1	
7	NIFORT a Nest Group Company (Nest Institute of Fiber Optic Technology Pvt.Ltd)	3	
8	Cochin Shipyard Limited	1	
9	Bitsforge	1	
10	AESTER INDIA PVT LTD	1	
11	NEO GREEN LABS	3	
12	SOULTECH INNOVATIONS	4	
13	TORC INFOTECH	1	
14	BSNL	2	July 2019, 25/05/20 - 5/6/20
15	ENFONO LABS	1	14/05/20 - 17/05/20

Details Of NPTEL and MOOC courses attended by students

Course Title	Course conducted	Course Conducted	Duration Of Course	Course Conducted By	number of students attended	ADMN
	Year	Month	(In Weeks)			
Mathematics for machine learning	2020	may	5	coursera	1	2017 ECEA
Crash course on python	2020	june	6	coursera	3	2017 ECEA, ECE B
Engineering Project management: initiating and planning	2020	May	5	Coursera	1	2017 ECEA
Introduction to Cybersecurity Tools and Cyber Attacks	2020	May	4	Coursera	2	2017 ECEA, ECEB
Create your first game with python	2020	June	1	coursera	3	2017 ECEA, ECEB
Machine Learning for Buisness Professionals	2020	May	4	Coursera	2	2017 ECEA, ECEB
Core Java	2020	March-April	6	Internshala	2	2017 ECEA, ECEB
Embedded system Design with ARM	2020	june	7	coursera	1	2017 ECEB
Embedded system Design	2020	Jan-Mar	8	NPTEL	1	2017 ECEB
Programming for Everybody(Getting started with Python)	2020	april-may	4weeks	coursera	2	2017 ECEB
Fundamentals of Java	2020	april-may	1 week	coursera	1	2017 ECEB
Fundamentals of python	2020	april-may	1 week	coursera	1	2017 ECEB
Career Edge - Knockdown the Lockdown	2020	april-may	2 weeks	Coursera	1	2017 ECEB
AI for everyone	2020	april-may	4 weeks	Coursera	2	2017 ECEB

Data Visualization with Plotly Express	2020	17-May-20	1 day	Coursera	1	2017 ECEB
Technical Support Fundamentals	2020	april-may	4 weeks	Coursera	1	2017 ECEB
getting started with python	2020	april-may	7 weeks	Coursera	1	2017 ECEB
Google Analytics for Beginners	2020	april-may	6 hrs	Coursera	1	2017 ECEB
Electric Power Systems	2020	april-may	2 weeks	Coursera	1	2017 ECEB
Python Data Structures	2020	may-june	6 weeks	Coursera	2	2017 ECEB
Cybersecurity and the Internet Of Things	2020	may-june	4 week	Coursera	3	2017 ECEB
Introduction to Psychology	2020	may-june	4 weeks	Coursera	1	2017 ECEB
AI for everyone	2020	may-june	4 weeks	Coursera	1	2017 ECEB
Introduction to Data Analytics for Business	2020	may-june	4 Weeks	Coursera	2	2017 ECEB
Programming for everybody	2020	may-june	5 weeks	Coursera	1	2017 ECEB
Machine Learning Foundation : A Case Study Approach	2020	may-june	6 weeks	Coursera	1	2017 ECEB
Programming for everybody(Getting started with python)	2020	may-june	7 weeks	Coursera	1	2017 ECEB
AI For Everyone	2020	june	4 Weeks	Coursera	1	2017 ECEB
Algorithms, Data Collection, and Starting to Code	2020	june-july	1 month	Coursera	1	2017 ECEB
Technical support fundamentals	2020	june-july	43 days	Coursera	1	2017 ECEB
AI for Everyone	2020	june-july	4 weeks	Coursera	1	2017 ECEB
Crash Course on Python	2020	june-july	4 weeks	Coursera	1	2017 ECEB
CYBERSECURITY AND IOT	2020	june-july	4 weeks	Coursera	1	2017 ECEB
Using python to access web data	2020	june-july	7 weeks	Coursera	1	2017 ECEB
Complete python web developer2020: zero to mastery	2020	jan-apr	2 weeks	Udemy	2	2018 ECE A
AI FOR EVERYONE	2019	august	7 weeks	coursera	5	2018 ECE A

Basic image classification with Tensorflow	2019	july	2 weeks	Coursera	1	2018 ECE A
Bolt Robotics Workshop	2020	Jun-Jul	2 months	Bolt Iot	1	2018 ECE A
Capstone: Retrieving, Processing and Visualizing Data with Python	2019	August	7 weeks	Coursera	1	2018 ECE A
Career Edge - Knockdown the Lockdown	2020	apr-may	60 days	TCS iON	1	2018 ECE A
Classify Radio signals from space usig keras	2019	July	2 weeks	Coursera	1	2018 ECE A
covid19 data analysis using python	2019	August	1 week	Coursera	1	2018 ECE A
Crash course Electronics and PCB design	2020	May	1 week	Udemy	1	2018 ECE A
creative writing	2020	May-June	6 weeks	Internshala trainings	1	2018 ECE A
Data analysis with python	2020	May	6 weeks	Coursera	1	2018 ECE A
Data Science	2019	August	4 weeks	Coursera	1	2018 ECE A
Data Science Methodology	2019	Dec	3 weeks	Coursera	1	2018 ECE A
Data visualization with python	2020	May	3 weeks	Coursera	1	2018 ECE A
Databases and sql for data science	2020	Apr	4 weeks	Coursera	1	2018 ECE A
E-yantra online crash course(MOOC)	2020	feb-apr	6weeks	IIT BOMBAY	1	2018 ECE A
FPGA computing systems:Background Knowledge and Introductory Materials	2020	June	4 weeks	Coursera	1	2018 ECE A
Google Analytics for Beginners	2019	July	4weeks	Google analytics academy	1	2018 ECE A

HTML, CSS, JavaScript training	2020	apr-jul	3 months	Bolt Technoshots, BOLT IoT	1	2018 ECE A
Internet of Things: Communication Technologies	2020	june	4week	coursera	1	2018 ECE A
Intro to Tensorflow	2020	june	3weeks	Coursera	1	2018 ECE A
introduction to internet of things	2020	jan-apr	12 weeks	IIT Kharaghpur	1	2018 ECE A
Introduction to internet of things and embedded systems	2019	August	4 weeks	Coursera	4	2018 ECE A
Introduction to programming with MatLab	2019	August	9 weeks	Coursera	1	2018 ECE A
JAVA CERTIFICATION COURSE	2020	jan-apr	4 weeks	PROGRAMMING HUB	1	2018 ECE A
Learning Python	2019	July	4 weeks	LinkedIn	2	2018 ECE A
Machine Learning for Business Professionals	2020	May	4 weeks	coursera	1	2018 ECE A
Mastering Microcontroller with embedded driver development	2020	May	2 weeks	Udemy	1	2018 ECE A
Problem Solving Through C	2020	jan- apr	12 weeks	IIT Kharaghpur	5	2018 ECE A
Programming data structures and algorithms using python	2020	jan- mar	8 weeks	IIT Kharaghpur	1	2018 ECE A
Programming data structures and algorithms using python	2020	jan-apr	8 weeks	IIT Madras	1	2018 ECE A
Programming for everybody	2019	july	7 weeks	Coursera	19	2018 ECE A
Python A-Z™: Python For Data Science With Real Exercises!	2019	August	3weeks	Udemy	1	2018 ECE A
Python Basics	2019	August	4 weeks	Coursera	3	2018 ECE A
PYTHON CERTIFICATION COURSE	2020	jan-apr	4 weeks	PROGRAMMING HUB	1	2018 ECE A
Python Data Structures	2020	May	7 weeks	Coursera	12	2018 ECE A

python for data science and AI	2020	Apr	4 weeks	Coursera	1	2018 ECE A
PYTHON FOR EVERYBODY	2019	AUGUST	6 WEEK	COURSERA	1	2018 ECE A
Python Functions, Files and Dictionaries	2019	September	5 weeks	Coursera	1	2018 ECE A
The Arduino Platform and C Programming	2020	May	4 weeks	Coursera	4	2018 ECE A
Tools for Data Science	2019	Sep	3 weeks	Coursera	1	2018 ECE A
Usable Security	2019	September	7week	Couresa	1	2018 ECE A
Using Databases with Python	2019	july	5 weeks	Coursera	3	2018 ECE A
Using python to Access web data	2020	May	6 weeks	Coursera	4	2018 ECE A
What is Data Science	2019	Sep	3 weeks	Coursera	1	2018 ECE A
Programming for Everybody (Getting Started with Python)	2020	April	3 weeks	Charles Severance Clinical Professor, School of Information University of Michigan	9	2018 ECE B
Product Design and Innovation	2020	January	4 weeks	NPTEL, IIT Guwahati	7	2018 ECE B
Machine Learning for Buisness professionals	2020	March	4 weeks	Coursera, Google cloud	12	2018 ECE B
Create a Resume and Cover Letter with Google Docs	2020	June	7 weeks	Coursera	1	2018 ECE B
Computer Vision - Object Tracking with OpenCV and Python	2020	June	1 week	Coursera	1	2018 ECE B
COVID19 Data Analysis Using Python	2020	June	1 week	Coursera	1	2018 ECE B

An introduction to Programming through C++	2020	February	12 weeks	Indian Institute of Technology, Bombay	1	2018 ECE B
Create Your First Python Program	2020	February	1 week	Course Era	1	2018 ECE B
Testing and Debugging Python	2020	February	1 week	Course Era	1	2018 ECE B
Python Data Structures	2020	may	4 weeks	Course Era	1	2018 ECE B
CLOUD COMPUTING	2020	February	8 weeks	IIT KHARAGPUR	1	2018 ECE B
C FOR EVERYONE: PROGRAMMING FUNDAMENTALS	2020	May	5 weeks	UNIVERSITY OF CALIFORNIA, SANTA CRUZ	2	2018 ECE B
A brief introduction of microprocessors	2020	January	4 weeks	IISER, Bhopal	1	2018 ECE B
Build your portfolio website with html and css	2020	June	1 week	Coursera	2	2018 ECE B
Programming Foundations with JavaScript, HTML and CSS	2020	June	2 weeks	Duke University	1	2018 ECE B
Understanding Design	2020	February	4 weeks	IIT Bombay	1	2018 ECE B
Web Development	2019	December	6weeks	Internshala Trainings	3	2019 ECE B
Advanced Excel	2020	March	4weeks	Internshala Trainings	2	2019 ECE B
Embedded System and Robotics	2020	Aprill	6weeks	Eyantra	2	2019 ECE B
Interfacing with the Arduino	2020	June	4weeks	Coursera	1	2019 ECE B
Programming for Everyone	2020	June	7weeks	Coursera	1	2019 ECE B
Introduction to the Internet of Things and Embedded Systems	2020	May	4weeks	Coursera	1	2019 ECE B
The Arduino Platform and C Programming	2020	June	4weeks	Coursera	2	2019 ECE B
lets break the chain of covid 19	2020	april	3weeks	mohd bin rashid unviersity of medicine and health University.	1	2019 ECE B
French language and development	2020	April	4weeks	intershala training	1	2019 ECE B

Hobby Club activities

The Hobby Club was introduced in the year 2018 with the objective to improve the hands-on skills of students and create more skills and knowledge about the topics outside the curriculum. The club drew colossal contemplation from all batches of ECE students and the competitions organized by the club received good response. Several activities were hosted by the club like Project Exhibition by final and pre-final year students, Electronic Product Design Competition for second year and third year ECE students etc. These activities gained heavy ovation from all strata of people who attended these.

Electronic product design competition

Hobby club of ECE department organized an electronic product design competition for S4,S6 and S8 students on 29th Jan 2020. Around 10 teams lined up for the event and wonderful competition was put forward by all the teams. Students exhibited their academic/hobby projects and first and second positions were given out. Following are the results of this event :

Results of Electronic Product Design Competition conducted on 29/01/2020

First Position	Jithin Paulson(S6 ECE A)
	Jiya Mariyam Paul(S6 ECE A)
	Joel S Paul(S6 ECE A)
Second Position	Ivin Jose(S4 ECE A)
	Abhay Raj (S4 ECE A)
	Idho Lalu(S4 ECE A)



PLACEMENT STATISTICS 2019-2020

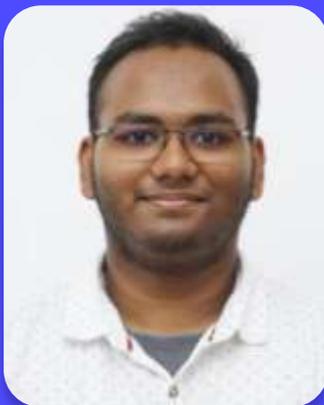
The ECE Department takes immense pride in announcing the successful culmination of the Final Placement season for the ECE batch of 2019-20 and would like to sincerely acknowledge the effort and contribution of every individual who has paved the way in raising the stature of FISAT. The number of students placed through the campus interviews is continuously rising. We have been successful in maintaining high placement statistics over the years and this itself is a testimony to our quality. The ECE batch of 2019-20 had more than 90 students participating in the placement process which involved major recruiters like Cadence, TCS, IBM, SAP, WIPRO, DCT, UST, CTS, VVDN among others. At the end of the season, a good number of 43 students from the department received almost 72 offers.

Sl.no.	Name of the student placed	Name of the Employer
1	ABEL ABRAHAM	TCS
2	ABHISHEK ERINJERY	Sutherland
3	AISWARYA GOPINATH	TCS, Quest Global
4	ALBIN VINCENT	IBS, GadgEon
5	AMNA NIZAR	TCS,SAP
6	ANASWARA K S	quest global
7	ANIRUDH SATHYAN	TCS
8	ANJANA V	Wipro
9	ANJITHA S KUMAR	Buyju's
10	ANN SUSAN PAUL	Sutherland, G10X India Pvt Ltd
11	ANUSHKA MARY JOSE	IBS, Kalkitech
12	ARATHI S	TCS
13	AROONA P	Sutherland
14	ATHIRA P S	TCS
15	ATHIRA S	TCS, Path Partner
16	DEBORA SREEKUMAR	TCS
17	DEEPTHY DAVIS	Wipro, Quest global
18	ELIZABETH ELDHO	Wipro
19	FATHIMA RIYA C	IBS, Wipro

20	FELIX VELIYATHUMALIL SUDEEP	IBS, TCS
21	GOPIKA JAYESH	TCS
22	GOPIKA PADMAKUMAR	Wipro, TCS
23	Jonath Gigu	TCS
24	Lakshmi Vijayan .N	TCS
25	Mathew AJ	Bayasys
26	Minu George	IBS
27	Nandini.R.Nair	TCS
28	Nikhil Davis	CTS, IBS, Wipro
29	Nyshitha Thankachan	IBS, Qburst
30	OT PALLAVI	TCS, UST Global
31	SEBIN THANKACHAN	TCS, CTS, DCT, Perfit Systems, Atoll Solutions
32	Shimna Zakkir Hussain	Sutherland Global
33	Sona Babu	Quest Global
34	Sradha Palakkal	Sutherland Global
35	Suchitra Sunilkumar	Aabasoft, Amazon
36	Therese Baby	TCS, Wipro
37	Thomas Mathew	Byju's App
38	UNNIMAYA K S	Cadence, Quest Global, TCS

39	VINOY PAULOSE	Acsia Technologies, Ruby 7
40	Vishnu Sajeev	Byju's App
41	Vishnu Viswanathan	TCS
42	Vivek V	Sutherland Global
43	Vysakh V	First Launch

STUDENT ACHIEVEMENTS IN CO-CURRICULAR AND EXTRACURRICULAR ACTIVITIES



JOSE BEN of S1 ECE-B (2019 admn)

- 1st prize in SIMHACK by IEEE Robotics & Automation Society, IEEE Kerala Section.
- 9th runner-up in Code in Lockdown (National Level Coding competition) by IEEE Robotics & Automation Society, IEEE Kerala Section.
- 3rd prize in letZcode 1.0 by IEEE FISAT SB



Akhil Roy of S8 ECE (2016 Admission) won the Silver medal in Javelin throw event of APJAKTU Athletics championship at Thiruvananthapuram



Alex Jolly of S8 ECE (2016) attended Fab15 Program held in Egypt July 28th – Aug 2nd 2019.

The FAB Festival is an event open to the general public hosting a number of free workshops to give everybody the opportunity to get their first hand experience on different digital fabrication processes and tools

Each year members of more than 1,600 worldwide Fab Labs gather to share, discuss, collaborate and create communities around the different local and global interests regarding digital manufacturing, innovation and technology. This international event gathers both field practitioners and laboratory researchers for a week of panels, talks, hands-on workshops on the principles and applications of digital fabrication.

Alex participated in the FAB Project Blast. Only 3 projects were selected from India. His project named IRIS (Intelligent Realtime Interactive System) was one among them. It is basically an interactive mirror developed in FAB lab showing live news updates, weather forecasting, calendar, time and so on. It can also answer user's queries and can recognise people as well as their emotions using Deep Learning and image processing technologies. The project had interfaced technologies like artificial intelligence and the internet of things to form a new platform called intelligence of things.

Alex Jolly was also the Winner of AI Fest 2.0

The AI FEST was conducted by Innovation and Entrepreneurship Development Cell - College of Engineering Thalassery (IEDC COET) powered by Kerala Startup Mission (KSUM).

AI FEST 2.0 is an event mainly

based on Artificial Intelligence and other related fields. The event is packed with many fun activities and talks by experts from leading companies and organizations like Google, Microsoft, Tinkerhub etc. AI fest builds a platform for AI enthusiasts to exhibit their project to infants of industrial experts. It was a project presentation in front of a group of AI enthusiasts. Alex participated with a team of 4 members and he presented the project IRIS(Intelligent Realtime Interactive System).

Prizes for Dancing Competitions :

Name	Event	Prize	Venue	Date
	Group dance	Second	Naipunya Business school, karukutty	Jan 14th, 2020
		First	St Peter's College, kolenc hery	Jan 23rd, 2020
		First	St Albert's college, Ernakulam	Jan 24th, 2020
		First	Sacred hearts college, thevara	Feb 8th, 2020
		First	Illahia college of arts and science, muvat upuzha	Feb 11th, 2020
		Third	SNMIMT, maliankara	Feb 20, 2020
		Third	Government engineering college, idukki	Feb 22, 2020
	Group dance	Second	Naipunya Business school, karukutty	Jan 14th, 2020
		First	St Peter's College, kolenc hery	Jan 23rd, 2020
		First	St Albert's college, Ernakulam	Jan 24th, 2020
		First	Sacred hearts college, thevara	Feb 8th, 2020
		First	Illahia college of arts and science, muvatt	Feb 11th, 2020
		Third		Feb 20, 2020

		Third	upuzha SNMIMT , maliankara Government engineering college, idukki	Feb 22, 2020
--	--	-------	--	--------------

The FISAT shuttle badminton team won second Runner up in the APJAKTU Tournament held at MA college, Kothamangalam. Danish Muhammed, student of final year ECE, was a member of the team.



Danish Muhammed at position 4 from top left corner

Sebin Thankachan of final year , ECE secured 3rd position in the “Curious’20 Electro Quiz” organized by the industry application society chapter of IEEE SB SJCT on 23rd Apr 2020.



TEACHER'S DAY CELEBRATIONS

Students of final year ECE organized teacher's day celebrations. Students shared their love for their teachers by giving the department a memento as a token of respect. They also presented rose flowers to all the teachers in the department.



Dr. Mini P.R, HoD of ECE Dept receiving memento from students

ALUMINI SPEAK'S....



I am really happy that I got to have a fruitful journey of 4 years of Btech in FISAT and signing it off as the best outgoing student of ECE 2016-2020 batch definitely made it really special to me. Since the beginning our department ensured we receive best facilities and quality education. That combined with our excellent placement cell gives the students the greatest of opportunities for which I'll forever be grateful. During these years I was largely influenced by the passionate faculties who took it upon themselves the tedious task of making engineering subjects interesting. Their thoughtful words and mindful gestures helped mould us to be more than just engineers. Be it organising workshops joining hands with prestigious institutes or conducting seminars by eminent personalities of relevant fields, department was always in the forefront to provide us with enough tools to be industry ready. Even the alumni was extremely helpful and guided us to achieve a place in the Core industry. Along with this I was also able to head our NSS technical cell (unit no.568) and FISAT Mathematics Club, both enriching me with experiences to last a lifetime. All this had huge impacts in my personality which in my belief was evaluated heavily during my placement processes and eventually led me to a core company like Cadence. I want to thank everyone who helped me in this journey and hope to have your blessings for my future too.

Unnimaya K S,
Intern -Design Engineering,Cadence
(2016-2020 ECE B batch)

FISAT ,a place where I realized who I was. People used to say that engineering is the best option after you do your high school and sure did I fall for that. Entered into this college not knowing where to begin, what to do in life, what would i gain out of this 4 years of engineering. Things were rough i would say, more confused to joining this college as i too was going along with the flow. But to my awe, all my apprehensions and worry had changed, when I got a class full of beautiful people who sailed along with me ,those 4 fruitful years of my life that i will never forget. FISAT taught me what friendship is,what love is,helped in identifying my strength and weakness and also in the difficult time of the pandemic FISAT is one of the few colleges which still provides campus placements in the most reputed, genuine, sought-after companies from which I also have benefited. So today from where I stand I do give its full credit to my fellow classmates, batchmates and my beloved department of ECE.

So FISAT? if you ask me,
 "My treasured memories"!!

Thomas Mathew.
Business Development Associate,BYJUS
Think and Learn Pvt. Ltd.
(2016-2020 ECE B batch)





Focus on Excellence

NEWSLETTER COMMITTEE



**Sheelu Susan Mathews
(incharge)**



Gayathri I K



Sreelekshmy S



Elza George



Noble G

STUDENTS

1. Devika S, S6 ECE A
2. Reshma R Pillai, S6 ECEB
3. Santhwana T, S4 ECE B
4. Nandini K Sunilkumar, S4 ECE B
5. Chris Jose , S1 ECE A
6. Annet George, S1 ECE A
7. Christy Sebi, S1 ECE A
8. R Aishwarya, S1 ECE B
9. Praharsha Sooraj, S1 ECE B