



Federal Institute of Science and Technology (FISAT)

IMPETUS

News Letter Jan 2022

Vol 7 / Issue 1

Awarded with the Band 'PERFORMER' in ARIIA 2021 ranking, constituted by Ministry of Education, Government of India



Vision

To become a world class professional institute with focus on excellence, moulding committed global professionals and technocrats who can meet the demands of business, industry and research.

Mission

To transform into an advanced centre of technical education, which will, in turn, bring out professionals with superior skills and social commitment.

To provide state-of-the-art facilities to mould brilliant young talents, enabling them to take up challenging assignments in the highly competitive global scenario.



FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT)[®]

Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University

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MANAGING COMMITTEE MEMBERS

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Mr. Sachin Jacob Paul, Vice Chairman/President
Mr. Jenib J Kachapilly, Treasurer
 Mr. Paul Mundadan, Vice President
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 Mr. Ajithkumar K K, Managing Committee Member
 Ms. Jayasree K, Managing Committee Member

ACADEMIC HEADS

1. **Dr. Manoj George**, Principal
2. **Dr. C. Sheela**, Vice-Principal
3. **Dr. Mini P R**, Dean (Academics)
4. Dr. Joshua A J, Director-FBS
5. Dr. Jyothish K John, Head, CSE Dept.
6. Dr. Sumanlal M R, Head, ME Dept.
7. Dr. Anilkumar M N, Head, ECE Dept.
8. Dr. Jiji Antony, Head, CE Dept.
9. Dr. Archana R, Head, EEE Dept.
10. Dr. Abi P Mathew, Head, EIE Dept.
11. Dr. Deepa Mary Mathews, Head, MCA Dept.

Message from the Chairman



Greetings!

“We cannot always build the future for our youth, but we can build our youth for the future”

-Franklin D Roosevelt

I am extremely delighted to pen down the message for “Impetus”, the newsletter of our institution. It is with immense pleasure that I perceive the progress made by FISAT. This institution, which originated from the seeds of an idea sown many years ago, is unwaveringly on the path of progress, and has successfully endured the challenges thrown by the pandemic. It has been the endeavor of the FISAT fraternity to impart holistic education to its students and make them competent to face the challenges of the world around them. The accomplishments of the institution reiterate the commitment and dedication of the management, staff and students to make FISAT a “Centre of Excellence”. I extend my warm wishes to all the staff and students of FISAT to continue this journey towards excellence. I also congratulate the editorial team for their efforts to showcase the activities and achievements of the institution through this newsletter.

Shimith P R
 Chairman



Message from the Principal's Desk

Dear stakeholders of FISAT,
 “Education in its real sense is the pursuit of truth. It is an endless journey through knowledge and enlightenment”. Dr. A. P. J. Abdul Kalam.

Education is knowledge imbued with wisdom and ethics. It develops the personality of the students, moulds their character and develops skills to help them to overcome the problems and challenges of today's complex world. Our aim is not only to provide world class education but also to inculcate an attitude of commitment towards society. FISAT aims to create a knowledge based society that fortifies the intellectual, physical and mental dimensions of participating individuals. We produce graduates who have the skill, experience and confidence to be comfortable with the latest developments in their profession. The knowledge, attitude and technical skills that the students gain from FISAT will help them to achieve positions of leadership in their chosen career. Dear students, I wish you all success in your career.

Dr. Manoj George
 Principal

CAMPUS PLACEMENT - A DREAM COME TRUE

610
+ JOBS
 (as on December 2021)

Campus Placement - A dream of every student who joins FISAT. Every placement season starts with a lot of hope. There will be a bag of concerns too: which all companies, what will be the package, what will be the selection process and so on. The story was no different this time. In fact, there was more optimism in the air, since fresher hiring was showing

an upward trend after the second wave of covid. The recruitment season of the 2022 batch started with a bang, all the mass recruiters, TCS, Wipro, Cognizant, UST are announcing greater requirements this year. To meet this challenge, the placement cell organised training programs, specifically targeted at clearing such processes. Softskill, aptitude and technical training were conducted back to back to prepare students for the placement season. Every effort made paid off, as the first phase of recruitment came to a close, the 2022 batch bagged 610 offers in 31 companies. The packages varied from 3 LPA to 7.5 LPA. The numbers are bound to increase with a few more recruitments planned for the month of January. This number is an all time record for the number of job offers in our campus.



FISAT SECURED ARIIA RANKING 2021

Atal Ranking of Institutions on Innovation Achievements (ARIIA) is an initiative of Ministry of Education (MoE), Govt. of India to systematically rank all major higher educational institutions and universities in India on indicators related to “Innovation and Entrepreneurship Development” amongst students and faculties. In ARIIA 2021 ranking, FISAT is placed among the band 'PERFORMER' under [college/institutions (private/self financed) (Technical)] category.



IEDC & FABLAB Activities

No	Name of the Activity	Resource Person	Date
1	Webinar on "Innovation: An optimistic Process of Change"	Dr. (Fr.) Anthony Puthussery, Former Director, Christ University Bangalore	22-09-2021
2	Impact lecture series 1 :- Webinar on " You Think and You Make it"	Mr. Alex Jolly, Data Analyst, Tranzmeo	02-10-2021
3	Impact lecture series 1 :- Webinar on " Journey of Idea to Startup"	Mr. Neeraj P.M. , Co founder, G'Xtron Innovations	02-10-2021
4	Impact lecture series 2 :- Webinar on "Design Thinking Mindset for Innovation"	Mr Riji N Das, Head Knowledge Office, ICT Academy Kerala	12-10-2021
5	Impact lecture series 2 :- Webinar on "Innovation and Critical thinking"	Mr Jishnu Jothish, Werkstudent, SRH Berlin University of Applied Sciences	12-10-2021
6	VIRTUAL EDGE – Virtual Reality show	Mr. Paul Sabu, Mr. Chris Jose, Student, ECE Department	13-10-2021
7	Workshop on "Introduction to GIT HUB"	Mr. Athul Cyriac Ajay, campus github expert	21-11-2021
8	Workshop on "Intro to C ++"	Mr. Paul Elias , S7 CSE, FISAT	24-11-2021 to 25-11-2021

IEDC (INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE) & FABLAB ACTIVITIES 2021

Innovation and Entrepreneurship Development Centre (IEDC) is a flagship initiative of Kerala Startup Mission to promote innovation and entrepreneurship among the students and academic fraternity of educational institutions in the State of Kerala. The IEDC acts as an aspirational platform, for the student entrepreneurs and tech savvy innovators, in moulding and sharpening their entrepreneurial skill sets. The selected innovators will be exposed to Innovation culture, emerging technologies and Business aspects with the implicit assumption that he/she will become an entrepreneur and all the other skilled attendees will get high end jobs with the kind of exposure and skills they acquire.

The Fabrication Laboratory (FABLAB) is a technical prototyping platform where people can design and build their own technology. Fab labs are designed in such a way that people with minimal training can come and work on developing their own technology for personal or commercial use. Fab Labs also becomes a medium for connecting to a global community of learners, educators, technologists, researchers and innovators-essentially becoming a self-sustaining global knowledge sharing network.

The Fab Lab Network is an open, creative community of fabricators, artists, scientists, engineers, educators, students, amateurs, professionals, of all ages located in more than 78 countries in approximately 1,600 Fab Labs.



COMMON NEWS



BEST WISHES Dr. ANITHA P

We are grateful for having been associated with such an excellent academician and wonderful team leader as Dr. Anitha. Every beautiful experience of learning, growing and working together for our college will always be cherished and remembered. On behalf of everyone we wish you the best of luck for all your future endeavours.

Thank you, madam.



HEARTY WELCOME, NEW CHAIRMAN Mr. SHIMITH P R

A hearty welcome to our new chairman, Mr. Shimith P R. We are honoured to have you at the helm of FISAT Family. It's indeed a matter of great pride to have this young, dynamic professional to head our team. Congratulations on joining us.

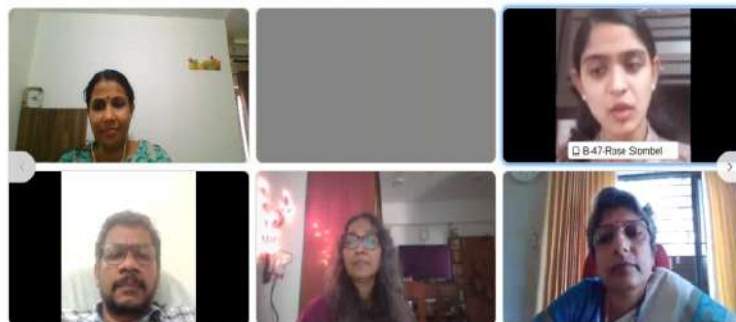
We wish you great success in this new journey.



New Chairman Mr. Shimith P R Addressing Fisatians

GENDER EQUITY CELL INAUGURATION & TALK ON GENDER SENSITIZATION TRAINING

As part of the inauguration of Gender Equity Cell, a webinar on Gender Sensitization Training was conducted. POSHA (Prevention Of Sexual Harassment Act) 2013 & our Rights was held on 18th December 2021 (Saturday). The session was handled by Dr. M V Shobhana Warriar from the University of Delhi and almost 433 students attended the programme. It created an awareness about the rights of women and the ways to utilize them. By the end of the session an oath was taken by everyone for making a positive change and many doubts were clarified related to the same.



NAAC Accreditation

FISAT has been accredited by the National Assessment and Accreditation Council (NAAC) in 2016 with A grade. The Internal Quality Assurance Cell (IQAC) in the College has taken up the task of developing a system for conscious, consistent and catalytic improvement in the overall performance of the College. The IQAC submits the Annual Quality Assurance Report (AQAR) to NAAC every year on the quality sustenance initiatives undertaken in the institution. As the institution is gearing up for the second cycle of NAAC accreditation, hectic preparations are underway for submitting the Self-Study Report (SSR) under the Revised Accreditation Framework (RAF). Orientation sessions for staff on the revised accreditation framework has been provided by external resource persons. Since the revised guidelines require documents for 70% of the evaluations to be submitted online, the collection of data and supporting documents and their conversion to the required formats is progressing. The Green and Energy audit process has been completed. Registration work of FISAT Alumni Chapter is progressing. Two audits of the NAAC data by external auditors has been completed. Gender audit is in progress.

FISAT MANAGEMENT TEAM INTERACTION WITH FISATIANS



FISAT staff members were addressed by Mr. Jenib J Kachappilly, Treasurer of FBOAES



FISAT staff members were addressed by Mr. Sachin Jacob Paul, President of FBOAES

FOUR MORE COURSES STARTED IN FISAT

After getting NBA accreditation, FISAT has been approved to launch four more courses in emerging and multi disciplinary areas in the year 2021. B.Tech. in Computer Science and Design (60 seats) and M.Tech. in Artificial Intelligence and Data Science (12 Seats), M.Tech in Renewable Energy (12 Seats), M.Tech in Automotive Electronics (12 Seats) are the four courses launched in the year 2021. AICTE, KTU and DTE approved for the new courses after a detailed inspection.

About the new courses:

B.Tech. in Computer Science and Design: The current scenario prevailing in the industry requires skilled people who have expertise in digital media, gaming, animation, virtual/augmented reality, etc. The program will also allow students, who want to pursue higher studies, to take up higher studies in CS/IT or Design.

M.Tech. in Artificial Intelligence and Data Science: Data professionals playing a pivotal role in business decisions. The World Economic Forum predicts that by 2022, skills in Artificial Intelligence and Data Science will be more important than job titles.

M.Tech in Automotive Electronics are electronic systems used in the vehicle including ignition, engine management in-car, radio entertainment systems. It is used in modern cars and other modern vehicles. Modern electric cars rely on power electronics for propulsion motor control as well as for managing the battery systems.

M.Tech in Renewable Energy is to implement clean energy system that comes from natural sources or processes that are constantly replenished. Renewable energy technologies that can be incorporated with building energy systems include: Solar electric, or photovoltaic (PV) systems, Solar thermal, domestic water heating and space heating, and solar ventilation air preheating, Geothermal heat pump, wind turbines and much more.

Different stages of inspections were conducted to start new courses. Management has assigned the duty to Dr. Prasad J C, Professor, CSE to coordinate the activities to

start new courses in FISAT. The different steps of activities include,

1. Submission of proposal for starting the new courses after making a discussion among faculty and management in February 2021.
2. Based on the AICTE Deficiency Report for EoA, AICTE conducted inspection to start new courses and gave approval in July 2021. Dr. C. Sheela, Vice Principal, Dr. Unnikartha G, Professor and Rajesh T, System Manager were the team members involved with this task.
3. Based on AICTE approval, KTU Expert Visit Inspection Committee visited and verified the documents and infrastructure facilities on 10th August 2021. KTU gave approval in September 2021. Principal Dr. Manoj George coordinated the team.
4. Based on the Recommendation of KTU and AICTE, Minister of Technical Education approved the courses. The Director of Technical Education approved the new courses in October 2021. Ms. Jisha, Academic Manager and Mr. Shinto Sebastian, PRO did this work as per the direction from the Principal.
5. Faculty Members of CSE/ECE/ME department proposed new syllabus for the new courses. Several rounds of discussion with outside college faculty and BoS members were conducted before the submission of the draft syllabus to KTU.
6. New M.Tech course related matters were updated with KTU Ernakulam cluster.



Expert Visit Inspection Committee (EVIC) verification process in FISAT Campus to start new courses.



Dr. Alexander Jacob IPS, Former DGP, Kerala Inaugurating Vidhyarambham 2021

FISAT is one of the top self-financing engineering colleges with a high number of admission. B.Tech Admission 2021 was conducted successfully. There was 97% admission against the sanctioned strength. FISAT has also admitted students for various M.Tech & PhD. programmes. Courses offered by FISAT are most preferred to build top-class professionals.

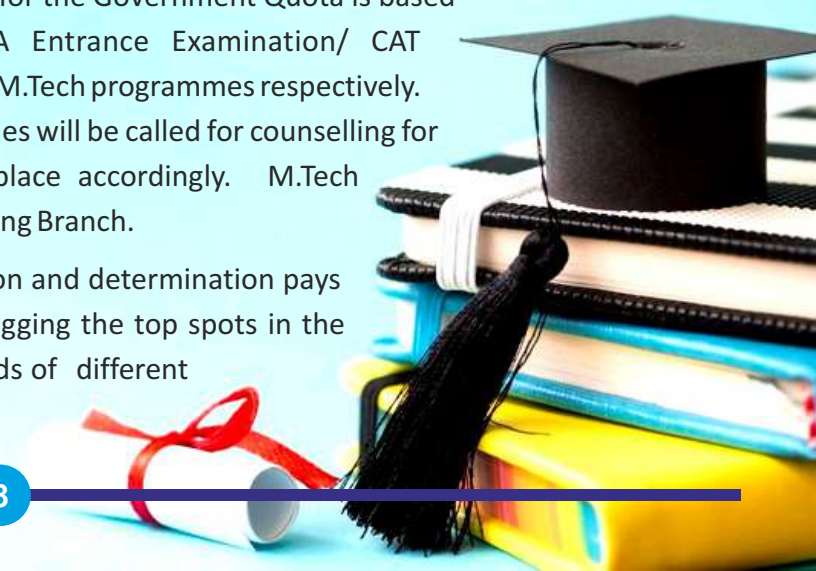
The 2021 admission statistics in various departments are given below.

Courses	Students Admitted	Maximum Seats
B.Tech Computer Science(CSE)	603	630
B.Tech Computer Science & Design (CSD)		
B.Tech Electronics & Communication(ECE)		
B.Tech Electrical & Electronics(EEE)		
B.Tech Electronics & Instrumentation(EIE)		
B.Tech Civil(CE)B.Tech Mechanical(ME)	120	120
Master of Computer Applications(MCA)	120	120
Master of Business Administration(MBA)	843	870
Total		

The students were admitted to the courses through careful screening and other admission criteria which include both merit based and entrance-exam based strategies strictly adhering to the COVID protocols. The college website was enabled to receive online applications and admission fees payment to activate the application. The applicants were shortlisted based on the scores obtained in their 10, +2 or bachelor's degree. Candidates will be then called for an interview which ensures that the most eligible candidates are filtered out and

admitted in Management Quota. The selection process for the Government Quota is based on the score obtained in the KEAM/Kerala MCA Entrance Examination/ CAT Examination/DTE published list for B.Tech, MCA, MBA & M.Tech programmes respectively. All the selected candidates admitted in both the categories will be called for counselling for verification of documents and admission will take place accordingly. M.Tech Programmes received full admission in the Civil Engineering Branch.

Congratulations Team FISAT!! Hard work with dedication and determination pays off. High admission is the end result of consistently bagging the top spots in the University Examinations and the good placement records of different departments.



**THANK YOU!!
 &
 ALL THE BEST FOR THE NEW RESPONSIBILITIES AS FUNCTIONAL HEADS**

Dear Professors

We FISATians would like to express our sincere admiration for your outstanding efforts for the development of College, especially the departments where you were acting as HoD. We appreciate everything that you have done over the past several years since you have joined us. The endless hours you have spent working here, and the professionalism you have shown have immensely motivated the College Management, Staff colleagues and Students as well.

We pride ourselves on your hard work and dedication in making every critical project a great success. As always, we are counting on you to go the extra mile.

Thank you once again for all your contributions as HoD and all the best for the new responsibilities as various Functional Heads.



Dr. MINI P R
 HoD ECE (2002-2021)
 NEW ROLE: DEAN (ACADEMICS)
 COORDINATING NBA, NAAC, IQAC,
 ACADEMICS



Dr. PRASAD J C
 HoD CSE (2006-2021)
 NEW ROLES: INTRODUCTION OF NEW
 COURSES, ACADEMIC MONITORING
 OF MEN'S HOSTEL, COLLEGE NEWS
 LETTER, COLLEGE HAND BOOK



Dr. UNNI KARTHA G.
 HoD CE (2011-2021)
 NEW ROLES: PLACEMENT &
 TRAINING, EOA, AICTE
 CONSTRUCTION



Dr. JOSE CHERIAN
 HoD ME (2012-2021)
 NEW ROLES: FIRST YEAR
 ACADEMICS COORDINATOR, PTA,
 PURCHASES



Dr. PARVATHY R
 HoD EEE (2013-2021)
 NEW ROLES: KTU COORDINATOR,
 LADIES HOSTEL IN CHARGE



Mr. SANTHOSH KOTTAM
 HoD MCA (2012-2021)
 NEW ROLES: SOFTWARE CELL, IT
 OPERATIONS, MCA ADMISSIONS

**HEARTY CONGRATULATIONS!
 &**

BEST WISHES FOR THE NEW RESPONSIBILITIES AS DEPARTMENT HEADS

Dear Professors,

Congratulations on your new position as Head of the Department of various disciplines. We FISATians are sure that you will be an asset to the College Management, Staff and Students, with your years of experience and organizational skills, not to mention your easygoing personality.

The entire FISAT team wishing you all the best in your new endeavour!



Dr. A J JOSHUA
 (Director, FBS)



Dr. JYOTHISH K JOHN
 (HoD CSE)



Dr. ANIL KUMAR M N
 (HoD ECE)



Dr. JIJI ANTONY
 (HoD CE)



Dr. SUMANLAL M R
 (HoD ME)



Dr. ARCHANA R
 (HoD EEE)



Dr. DEEPA MARY MATHEW
 (HoD MCA)



Dr. BINIMOL PUNNOOSE
 (HoD S&H)

Editorial

With the commencement of the new year, new dreams, hopes, goals and events are also unfolding. New Year Greetings to all!

FISAT is stepping into its twentieth year of success. Federal Bank Officers' Association Educational Society (FBOAES) members have a novel objective to provide quality education to students with social commitment. True to its founding objectives, FISAT has built up a distinct reputation in terms of academic and extra-curricular output, as evidenced by the University ranks, excellent results, and record number of placements. By these 20 years of imparting knowledge and social activities, FISAT has become the most sought after institution. The launching of new courses in the year 2021 (B.Tech Computer Science and Design, M.Tech Artificial Intelligence and Data Science, M.Tech Renewable Energy) in FISAT to support the industrial revolution 4.0 is the symbol of progress and growth of FISAT. During the visit of former KTU Pro-Vice-Chancellor Prof. Abdul Rahman to the FISAT campus, he said "FISAT is a role model institution for all engineering colleges in India, in both private and public sector". We the editorial team members take this opportunity to congratulate and thank the visionary management, talented and dedicated staff members and hardworking students for all their great efforts and contributions towards FISAT.

Impetus-the FISAT Annual newsletter mirrors the vision and mission of FISAT. The progress of the institution depends on many people who are working behind the scenes, over time round the clock planning things to the smallest. The Impetus newsletter will be a medium to provide proper acknowledgement and respect for all these efforts and also enhance the documentation culture of the institute. It serves as a snapshot of various activities and advancements associated with FISAT.

2022 onwards, Impetus will be published once every quarter year to incorporate all the major initiatives and events that happened in the college. The editorial desk is thankful to all those who contributed to this edition and for their enormous support for the timely release of this newsletter.

Dr. Prasad J C
 Chief Editor

Dr. MANOJ GEORGE TAKES THE REINS

The new principal of FISAT Dr. Manoj George has taken centerstage at FISAT on July 1, 2021 as the eighth principal of this august institution. Non conventional and out of the box thinking led to the fruition of FISAT, as the brainchild of a trade union driven, collectively led, and uniformly focused set of officers, depending on the strength of its people, the vision of its past leadership and the restless ambitions of its greatest and biggest group of stakeholders - the students. Dr. Manoj George completed his Doctoral degree from Cochin University of Science and Technology (SOE), M Tech (Production Engineering) from Cochin University of Science and Technology and B.Tech (Mechanical Engineering) from NSS College of Engineering, Palakkad. He has got 24 years of professional experience. He is a renowned researcher with a number of quality publications to his credit which includes publication in Journal of Applied Polymer Science – Wiley Periodicals, Inc. We look forward to your guidance sir...



Dr. GEORGE ISSAAC

'WE SEE YOU GO, SADLY'

Dr. George Issaac joined FISAT in 2015 as Principal, with excellent credentials- the former Principal retired from M.A College of Engineering, Kothamangalam and stepped into the role that appeared to be custom made for him. With every passing day, every meeting presided over and every decision taken, it became clear that FISAT was in the right hands. Oiling the mechanism of executing actionable decisions and ensuring adoption by systems in place and persons manning them is a herculean task. With his calm demeanor, attention to detail and stringent follow up on key portfolios, without even a raised voice or loss of composure, George sir made it all look easy.



It may have been said many times during the past few weeks of May as Dr. George was nearing the end of his tenure, but after leaving, it has been felt almost always - A deep sense of gratitude for your presence at FISAT, these last six years. Thank you sir for your contributions.

EDITORIAL TEAM



Dr. Prasad J C
 Chief Editor



Dr. Paul P Mathai
 Associate Editor



Mr. Shinto Sebastian
 Associate Editor



Dr. Anoo Anna Antony
 Associate Editor



Mr. Sino varghese
 Library



Ms. Beenu Riju
 EIE



Ms. Lakshmi N
 EIE



Ms. Manjusha P
 Office



Ms. Deepa K
 EEE



Ms. Anju L
 MCA



Mr. Basil K Jeemon
 ECE



Mr. Nizamudeen Akbar
 S&H



Ms. Leena Samuel P
 CE



Mr. Arun J Kulangara
 ME



Mr. Tom Anto
 IEDC



Mr. Vishnu Prasad
 Designer

EIE STUDENTS ACHIEVEMENTS

Congratulations **SGPA-10 FOR UNIVERSITY EXAMINATION**



Ms. RESHMA R
S5 UNIVERSITY RESULTS



ALFRED ANTONY
S1 UNIVERSITY RESULTS

PRIZES WON FOR COMPETITIONS

Prof Summit 2021

Mr. Ajith Joseph of S6 EIE won 1st prize in paper presentation contest Prof summit 2021 held in July 2021. The topic Automated Cylinder Monitoring System were guided by Ms. Sreevidya P and Ms. Beenu Riju.

Futurate – Idea Pitching Competition

Mr. Godson Thomas, Mr. Gokul Rejithkumar of S6 EIE won 1st prize for Futurate-Idea Pitching competition by EEE dept, FISAT on Future energy challenge held during May 2021. The topic Energon was guided by Ms. Sreevidya P. For the same event, Mr. Jayasoorya S and Mr. Suryajith Denny of S8 EIE won 2nd prize for their topic Automatic solar panel with cleaning, cooling and real time monitoring which was guided by Ms. Shruthi Bhaskaran.

IdeaQ Idea Pitching Competition

Mr. Godson Thomas, Mr. Gokul Rejithkumar, Mr. Derin T Jose, Mr. Adarsh V. S won 1st prize for IdeaQ Idea Pitching Competition conducted by Toc H institute of Science and Technology conducted in May 2021. Their topic, Early Landslide Detection and Warning System was guided by Ms. Sreevidya P.

Bazinga

Mr. Godson Thomas, Mr. Gokul Rejithkumar won 1st prize for Bazinga- Conducted by ASME students section of Kerala collective which was held in July 2021. Their project, Early Landslide Detection and Warning System was mentored by Ms. Sreevidya P.

TESLA21, Idea Pitching & project competition

Mr. Godson Thomas, Ajith Joseph, Anandakrishnan U, & Bilal Ibrahim were the winners for Engineering level in TESLA21, Idea Pitching & project competition by EEE department of MES College, Kuttipuram supported by IEEE Malabar Subsection held in July 2021. The topic presented was Automated Cylinder Monitoring System and was guided by Ms. Sreevidya P. The same team also won for NSCAGE -2 paper presentation competition.



Ajith Joseph



Godson Thomas



Gokul Rejithkumar



Bilal Ibrahim



Anandakrishnan U



Adarsh V. S.



Jayasoorya J S



Suryajith Denny



EIE STAFF ACHIEVEMENTS

Dr. Abi P Mathew

- ◆ He chaired a session in the international Conference on Artificial Intelligence and Energy Systems (AIES 2021) at SJCTET, Palai.

Ms. Sreevidya P

- ◆ She received mentorship certificate for the 12- week NPTEL Course "Introduction to IOT" conducted by IIT-K for mentoring 7 students in S7 EIE during July- Oct 2021.
- ◆ She was the Reviewer of ICCMS'21- International Conferences on Microelectronics, Signals & Systems held at TKMCE
- ◆ She was the Reviewer of 13th IEEE PES Asia-Pacific Power and Energy Engineering Conference 2021 (APPEEC 2021) hosted by IEEE PES Kerala Chapter, RIT Pambady held from 21-23 November 2021

Dr. Anish Mathew

- ◆ He successfully completed the ISTE skill development training program on "IoT Foundation course" conducted in association with BNY Mellon. He is one among the only two participants from Kerala who have successfully completed the first phase and also received the IoT tool kit for the program free of cost.

Ms. Honey Devassy

- ◆ Successfully completed 4 weeks NPTEL course on "Python for Data Science" conducted by IIT Madras, during July- August 2021.
- ◆ She received the top performing mentor award for the 8 week NPTEL Course conducted by IIT Bombay on "Design, Technology and Innovation" for mentoring 4 students from s4 CSE. One of her mentees received gold medal.

Ms. Raji P.

- ◆ She has undergone the innovation ambassador training conducted by MOE innovation cell and AICTE during the period from 30 June to 30 July 2021
- ◆ Mrs Raji P organized and conducted an awareness program on Innovation and Entrepreneurship for the students of FISAT

Ms. Lakshmi Nandakumar

- ◆ Ms. Lakshmi Nandakumar received certificates of excellence from NASSCOM Foundation and CISCO CSR for successfully completing the online courses on "Chatbot" and "An Introduction to Embedded Systems" (Both Dec 2021).
- ◆ She was selected to be part of NPTEL text Translation project, an initiative by MHRD. She received honorarium amount and was recognized and certified by NPTEL for her contributions towards 3 courses in Electrical, Basic sciences and Computer Science streams during April 2021 to Sept 2021

PAPER PUBLICATIONS

- ◆ Ms. Sreevidya P presented a paper "Leaf Recognition and Disease Detection using Content based Image Retrieval" in the 2021 IEEE 7th International Conference on Advanced Computing and Communication Systems held at Sri Eshwar College of Engineering Coimbatore, India, June, 2021
- ◆ Ms. Sreevidya P presented a paper "The Role of Face Embeddings on Classification of Personality Traits from Selfie Images" in TENCON-21, held in New Zealand Auckland, Dec 2021.
- ◆ Mr. S. Sundararajan published a paper "Synthesis and analysis of an evolutionary algorithm for sensor linearization" in the International Journal of Electronics, August 2021
- ◆ Ms. Honey Devassy presented a paper titled 'A review on vibration sensors and control methods for cantilever beams' in 2021 International conference on Advancements in Electrical, Electronics, Communication, Computing and Automation ICAECA2021 organized by Kumaraguru college of Technology, Coimbatore and technically co-sponsored by IEEE Madras section, October 2021

- ◆ Ms. Anila Mathew presented a paper titled "Comparison of SMC and PID Controllers for Pneumatically Powered Knee Orthosis" in the Journal of Control, Automation and Electrical Systems, July 2021.
- ◆ Ms. Anila Mathew presented a paper titled "Artificial neural network model for the characterization of human locomotion parameters" in International Conference on Communication, Control and Information Sciences (ICCISc2021), June 2021
- ◆ Ms Raji P presented a paper titled "machine learning based diagnosis of diseases associated with abnormal and heavy menstrual bleeding- literature review" in the fourth international conference on Big Data and cloud computing organized by Karunya Institute of technology and science during 20 and 21 August 2021

ACTIVITIES OF THE DEPARTMENT

SEVAFARM APP AND WEBSITE LAUNCH

The Sevafarm app and website developed by the final year students Shafi Asharaf, Nanthakishor K. R, Adithyan Ravindranathan, Abhishek Rajan was inaugurated by Roji John, MLA of Angamly, on 17th Aug 2021. The portal aims to give fair price to farmers and was handed over to the farmers' consortium of Holy Cross Forane Church, Manjappara. The project were guided by Ms. Lakshmi Nandakumar (Assistant Professor EIE), Mr. Arun U and Ms. Arathi E (alumni, 2014-2018 batch). The program was coordinated by Ms. Raji P and Ms. Honey Devassy.



ENTRANCE COACHING FOR 12TH STANDARD

The staff of EIE actively contributed towards one-month free Crash course for KEAM to 12th standard students.

The intensive coaching was done by discussing important topics and was well appreciated by the participants. The Staff actively involved from the department for this coaching were Ms. Sreevidya P, Ms. Honey Devassy, Ms. Shruthi Bhaskaran, Ms. Sheffy Thomas, Ms. Ambily John, Ms. Raji P, Ms. Anila Mathew, Dr. Anish Mathew and Ms. Lakshmi Nandakumar.

UI/UX WORKSHOP

The UI/UX design workshop was conducted for the benefit of S4 EIE students on 19th



June 2021. The resource person was Mr. Harigovind (alumnus, EIE) and classes on adobe Xd was conducted. The goal of the workshop was to make the participants aware of UI /UX design basics and to make the user's interaction as simple and efficient as possible. Ms. Sreevidya P was co-ordinator of the workshop.

WORKSHOP ON FUSION 360

A hands-on workshop was conducted for S4 EIE students during Oct 2021. The resource persons were Agnel Nic Sebastian, Abhishek Santhosh, S Haridev Shankar (students, S6 EIE). The participants were asked to design 3-D model of various products. Ms. Sreevidya P and Ms. Beenu Riju were the co-ordinators of the workshop.

TALK ON POWER PLANT INSTRUMENTATION – AN INDUSTRIAL OVERVIEW

A talk on power plant instrumentation, an industrial overview was conducted on 8th Oct 2021 for S7 EIE students through online mode. The resource person was Mr. Ajay Jacob Varghese, Senior R and D Engineer, ABB. The talk covered comprehensively different aspects of instrumentation in powerplants. Also, a special case study of Gas turbines was also discussed with reference to Industry 4.0. The opportunities in oil and gas sector were also discussed. The program was conducted under IDEA and co-ordinated by Dr. Anish Mathew and Ms. Anila Mathew.

TALK on OPPORTUNITY IN INDUSTRIAL AUTOMATION



Joy Issac
 Electrical Engineer / Director
 Drawout, Aalborg, Denmark

The talk by Joy Issac, Electrical Engineer, Drawout, Denmark was held in online mode on 12th May 2021 for EIE students. The webinar covered, opportunities in Industrial Automation sector – Instrument OEMs, Plant maintenance, LV Electrical Design, PLC. The program was jointly co-ordinated by Dr. Aby Mathew and Dr. Anish Mathew.

WEBINAR ON ENGINEER YOUR LIFE

The webinar on “Engineer your Life” by Ms. Dawny Jeswin, manager(operations) BPCL Bangalore and also a certified life coach was held on Sept 16th 2021. It gave an insight into holistic approach of the life of an engineering graduate. The talk was indeed inspiring and thoughtful for an engineering professional, to cultivate positive attitude towards life. The Program was jointly organised by IDEA and ISTE, FISAT chapter with Dr. Anish Mathew and Ms. Honey Devassy as co-ordinators.

NSCAGE – 2 – NATIONAL STUDENTS' CONFERENCE

The second edition of NSC-AGE was conducted on 23rd July 2021 in Online mode. There were 44 students who participated in the conference. The conference was conducted jointly by the students' association IDEA and ISA FISAT chapter. The papers were reviewed by Mr. Anil Johny, Ms Honey Devassy, Ms Anila Mathew. The main co-ordinator of the program was Dr. Anish Mathew and general chair was Mr. S. Sundararajan.



EXPONENTS 2K21

The main projects done by final year students were showcased on 23rd July 2021. The aim of the project exhibition was to bring out innovative products in the field of instrumentation technology done by our students. The project titled “Sevafarm” was selected as the best project. The Review Committee members were: Mr. Jiju PP (Mechanical Engineering), Ms Sheffy Thomas and Mr. Edwin Devassykutty (Alumni, Bosch Germany). The co-ordinators of the program were Ms. Raji P and Dr. Anish Mathew.

WEBINAR on PLCnext Technology

The webinar was conducted on May 28th 2021 through online mode. The resource persons were Mr. Vishal Kumar, Business Unit Manager, Automation Systems, Phonenix Contact and Dr. Anja Schulz, Master Project manager, Tech Education. They discussed on PLCnext, which is a new technology that expands the use of PLC in ways that will change the future of automation. The program was organized under IDEA and co-ordinated by Dr. Anish Mathew.



ALUMNI TALK – Get Noticed on Linked In

An online meeting with Mr. Sarath K.K (NIT Rourkela), Ijas Muhammed (VVDN Technologies) (alumni, 2014-18 batch) was conducted for benefit of 2017-21 batch students on July 11th 2021. They spoke on how to attend interviews, how to get the profiles noticed on Linked In and also discussed some sample resumes. The talk was organized by Ms. Lakshmi Nandakumar.



Talk on “ROLE OF ISTE IN ENGINEERING EDUCATION”

Mr. S. Sundararajan was the co-ordinator of the technical talk “Role of ISTE in Engineering Education”. The

resource person was Dr. Nidhi M B, National executive Member, ISTE. The talk was held in online mode and was conducted in association with FISAT ISTE students' chapter on 24th Sept 2021.



TALK ON RESUME BUILDING

An online talk on Resume building was held for final and prefinal year students on April 10th 2021. The resource person for the talk was Mr. Sandeep M, Pragmatix Learning. He gave an insight into the common mistakes that students make while preparing resume, tips to attend interviews etc. Mr. S. Sundararajan was the co-ordinator of the program.

INDUSTRIAL VISIT, HE-MAN AUTOMATION

A one-day industrial visit was arranged for S5 EIE students on Dec 2nd 2021 at He-man Automation, Angamaly. The chairman of the company, Mr. K.T. Jose elaborated about the systems present in the company like the parts of robotic car parking system, the laser cutters and general working of the company etc. The students were accompanied by the staff Mr. S. Sundararajan, Ms. Anila Mathew and Ms. Lakshmi Nandakumar.



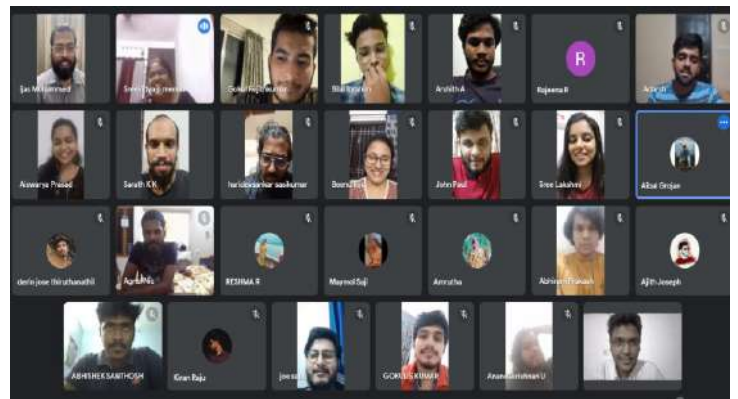
INDUSTRIAL VISIT, MACHINO TECH ENGINEERING WORKS

The students of S7 EIE along with staff Dr Abi P Mathew, Ms. Sreevidya P and Ms. Beenu Riju had the opportunity to visit Machino Tech in Verna Goa during Dec 2021. The company is one of the top suppliers of industrial fabrication services in India. The company is listed in Trade India's list of verified sellers offering supreme quality of Pipeline Fabrication services.



SPECIAL PLACEMENT TRAINING FOR S7 EIE

A special placement preparedness training session was organized from July 30th to August 1st for S7 EIE students under IRACC by Ms. Sreevidya P and Ms. Beenu Riju. The resource persons were Mr. Ijas Muhammed (from VVDN), Mr. Sarath K. K. (NIT Rourkela), Ms. Sreelakshmi S (CTS) and Ms. Aiswarya Prasad (Arista Networks). A session on resume building was also conducted by Mr. Ijas Muhammed on July 2nd 2021.



ADD ON COURSES on JAVA and ML

Two add on courses were given to students of S7 EIE to enhance the over all skills. The courses were organized under IRACC by Ms. Sreevidya P. The course on Java spanned from March to July 2021 and the sessions were handled by Ms. Anitha T Nair (CSE Dept, FISAT). The sessions on ML and DL were held during April- may and the resource persons were Ms. Sreevidya P and Mr. Krishnanugrah P. U. (TCS).

Student editor

Mr. Godson Thomas, S7 EIE

KTU SPONSORED FDP ON EMERGING TRENDS IN ADVANCED PRODUCTION AND INDUSTRIAL ENGINEERING

The Mechanical Engineering department at Federal Institute of Science and Technology (FISAT) has organized a three day Online Faculty Development Programme (FDP) titled “Emerging Trends in Advanced Production and Industrial Engineering” from 21st July 2021 to 23rd July 2021. The FDP was completely sponsored by the APJ Abdul Kalam Technological University, Kerala. The FDP had 57 registered participants.

PRAVEGA - 21, VIRTUAL PROJECT EXPO OF

The exhibition of final year projects of 2017 - 2021 Mechanical Batch was conducted on the 17th of July 2021. Dr. Anitha P, Chairman FISAT, inaugurated the event. Dr. Manoj George, Principal, Dr. Mini P R, Dean academics, Dr. Sheela S, Vice Principal and Dr. Sumanlal M R felicitated the gathering. Mr. T M Augustin (Alumni), Senior Manager, Mahindra & Mahindra was the chief guest of the function. The videos of the projects shared were highly appreciated by the student community on social media.

Link to project expo website: <https://sites.google.com/view/pravega21/home>



EXTENDED MENTORSHIP PROGRAM (EMP)

On 17th July 2021

Under the Extended Mentorship Program, 2021 and 2020 graduated students will have access to dedicated mentors from diverse fields like engineering,

management, research, academia, entrepreneurship etc. Mech FISAT alumni will support the students largely to overcome the challenges encountered during the COVID-19 pandemic by interacting with them and help them build their network and gain a new perspective on the possibilities after graduation.



i-SMaRT 2022

Proposal to materials today proceedings for our next conference i-SMaRT 2022 is provisionally accepted and officially signed the publishing agreement with Elsevier.



MECH ONAM 2021 - VIRTUAL ONAM CELEBRATION

Department of Mechanical Engineering organized an online Onam Celebration "Mech Onam 2021" with various events and competitions like "CAD Pookkalam", "Onam Reels", "Onapattu" and "E-Bulljet", a meme competition.

COVID Vaccination drive

Staff and students of the Mechanical Engineering Department actively participated in the COVID vaccination drive conducted at Primary Health Centre, Mookkannoor. The vaccination drive was in association with the NSS unit of FISAT. A certificate of appreciation was handed to Mr. Sajan S and Mr. Jisto Varghese.



ENGINEERS DAY COMPETITION 2021

On 15th September 2021, the Mechanical department of FISAT celebrated Engineers Day with various competitions based on the topic **ROLE OF ENGINEERS IN CLEANING THE BLANKET OF AIR.**

Following competitions were conducted to make the day more colorful:

BLOG COMPETITION

Blog writing competition on the topic Role Of Engineers In Cleaning The Blanket Of Air was conducted on 20.09.2021. with a cash prize of 500 RS

ENGGICLOPEDIA

An Online quiz competition based on the topic Role of Engineers In Cleaning The Blanket of Air with the prize worth 500 was conducted on 19-09-21 at 3 pm

EMIT LESS TAKE IN MORE

An online poster making competition on the topic "Healthy Air, Healthy Planet" with the cash prize Rs 500. The submissions were accepted up to 10 pm 19-9-21. The winners were announced in the award ceremony held on 26 September 2021 at 7.30 pm.

The winners are:

- Blog Competition : Aparna S, ME FISAT
- ENGGICLOPEDIA : Saroj K, EEE GEC KANNUR
- Poster Competition : Arjun PS, ME FISAT



WORLD STANDARDS DAY COMPETITION 2021

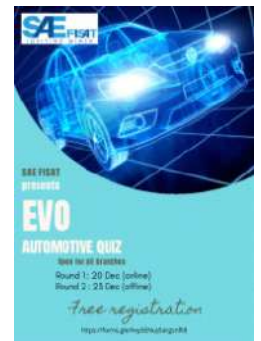
On 14th October 2021, the Mechanical department of FISAT celebrated Standards Day with a Design competition using proprietary CAD software. The event CADATHON was conducted by giving a 2D model to the

participants and were instructed to develop it three-dimensionally. Mr. Sushanth Panchal bagged the first prize in the competition. The cash prize of Rs.500 was distributed on 15-10-21.



EVO 2021

SAE FISAT organized EVO 2021, an automotive quiz competition regarding the automotive industry. The competition was conducted in two stages. The first round was held online and participants were shortlisted to face a final round of the competition which was held offline. Winners were rewarded with exciting prizes



WORLD ENERGY CONSERVATION DAY

December 14 is celebrated as World energy conservation day. On 30/12/2021 ASME FISAT organized an interesting quiz competition based on world energy conservation that sharpen the brains of students at FISAT and to win an amazing cash prize. Anagha K R and Muhammed Maseeh V M of FISAT secured first and second prizes.



D.I.R.T - (DESIGN, INTEGRATION, RESEARCH, AND TEST) A GROUND BASED REMOTE CONTROLLED VEHICLE

The ASME FISAT organized a recruitment drive to hire a new crew for IAM3D, a super stage for all the talented technical students to make innovative items using

additive manufactured parts. Students were invited to be team members of a new mission to build an all-terrain vehicle D.I.R.T - (Design, Integration, Research, and Test), a ground Based Remort Controlled Vehicle.



FAREWELL TO THE 2017-'21 BATCH

A farewell for the 2017-'21 batch was conducted in the south quadrangle of the college from 6 pm to 9 pm on 10/12/'21. Dr. Manoj George, Principal, FISAT, presided over the function. Dr. C.Sheela, the Vice-principal, felicitated the gathering and blessed the students. Dr. Sumanlal M R, HOD, ME, Ms. Devi Parvathy S and Ms. Suni Mathai, Group advisors felicitated and wished the students. Awards for the 'Best outgoing student' and 'Best performer' was given to Namitha Krishnakumar and Anju Krishna respectively during the occasion. Various activities and musical night organized by 7th-semester Mechanical Engineering students were highly appreciated.



ACHIEVEMENTS

Congrats Elvis Davis

Congratulations to Elvis Davis of 2020 ME batch for securing SGPA of 10 in the S1 University Examination.



HONORS DEGREE

22 students of 2017 admission graduated with Honors Degree in Mechanical Engineering.



i-SMaRT 2021

The special issue for i-SMaRT 2021 has been published in science direct with Volume 4, issue 15.



Congrats Mr. Ranjit Joy

Mr. Ranjit Joy, Assistant Professor, ME Department, received the best paper award entitled "Prediction of tensile strength of thermoplastic polyurethane fused deposition models using artificial neural networks" in the International Conference on Mechanical Engineering and Managerial applications for productivity enhancement and marketability (MMPM 2021) organized by MANIT, Bhopal.



RESOURCE PERSONS FOR KTU SPONSORED FDP

Mr. Renjith R, Assistant Professor, ME Department and Mr. Harish T M, Assistant Professor ME Department, were the resource persons for the KTU Sponsored FDP on EMERGING TRENDS IN ADVANCED PRODUCTION AND INDUSTRIAL ENGINEERING.



Mr. Renjith R



Mr. Harish T M

MECHANICAL ENGINEERING

CONGRATULATIONS TO MARTIANS - TEAM FISAT MECH

Martians - Team FISAT MECH, Mr. Vishal T Aswin, Mr. Thomas C Francis and Mr. Salih, final year mechanical engineering students secured 2nd place in the Space Habitat Challenge Conducted as part of World Space Week Programme 2021 by the Indian Space Research Organization (ISRO).



Students of Mechanical Engineering receiving certificates from Shri. S. Somanath, Director, VSSC

DESIGN HACKATHON

Congratulations to Mr. Vishal T Ashwin, Mr. Thomas C Francis, Mr. Salih Majeed and Mr. Philip Henri of final year mechanical engineering for securing the first

position in the 48- hour design hackathon challenge on the theme "Habitation Problems on Mars" conducted by RSET, Kochi.



FISAT IN MEDIA

ഫിസാറ്റിൽ പുതിയ കോഴ്സുകൾ അകമാലി

ഫിസാറ്റ് എൻജിനീയറിംഗ് കോളേജിൽ പുതിയ കോഴ്സുകൾക്ക് കേരള സാങ്കേതിക സർവകലാശാലയുടെയും എഐസിടിഇ യുടെയും അംഗീകാരം ലഭിച്ചു. എംടെക് പ്രോഗ്രാമുകളായ ആർട്ടിഫിഷ്യൽ ഇന്റലിജൻസ് ആൻഡ് ഡാറ്റാ സയൻസ്, റിസ്ക്വവബിൾ എനർജി, ഓട്ടോമോട്ടീവ് ഇലക്ട്രോണിക്സ് എന്നിവയ്ക്കും ബിടെക് ബിരുദ പ്രോഗ്രാമമായ കമ്പ്യൂട്ടർ സയൻസ് ആൻഡ് ഡിസൈൻ കോഴ്സ് ഉൾപ്പെടെ വിവിധ കോഴ്സുകൾക്കും അംഗീകാരം ലഭിച്ചിട്ടുണ്ട്. ഫോൺ: 6282906237, 0484-2725272. വെബ്സൈറ്റ്: www.fisat.ac.in



ഫിസാറ്റിൽ അഡ്മിഷൻ ആരംഭിച്ചു
അകമാലി: ഫിസാറ്റ് എഞ്ചിനീയറിംഗ് കോളേജിൽ കമ്പ്യൂട്ടർ സയൻസ്, മെക്കാനിക്കൽ, ഇലക്ട്രോണിക്സ് ആൻഡ് കമ്പ്യൂണിക്കേഷൻ, ഇലക്ട്രിക്കൽ, സിവിൽ, ഇൻസ്ട്രൂമെന്റേഷൻ എന്നീ എഞ്ചിനീയറിംഗ് ബ്രാഞ്ചുകളിലേക്കുള്ള അഡ്മിഷൻ നടപടികൾ തുടങ്ങി. വിദ്യാർത്ഥികൾക്ക് ഓൺലൈൻ ആയി അപേക്ഷ സമർപ്പിക്കാം. എംബിഎ, എംസിഎ, എംടെക് എന്നീ പോസ്റ്റ് ഗ്രാജുവേറ്റ് പ്രോഗ്രാമുകളിലേക്കുമുള്ള അഡ്മിഷൻ നടപടികളും പുരോഗമിക്കുകയാണ്. നാട് അക്വഡിറ്റേഷനിൽ എ ഗ്രേഡും, ഐ എസ് ഓ സെർട്ടിഫിക്കേഷൻ അംഗീകാരവും, വിവിധ പ്രോഗ്രാമുകൾക്ക് നാഷണൽ ബോർഡ് ഓഫ് അക്വഡിറ്റേഷൻ അംഗീകാരവും നേടിയിട്ടുണ്ട്. കൂടുതൽ വിവരങ്ങൾക്ക് www.fisat.ac.in കൂടുതൽ വിവരങ്ങൾക്ക് ഫോൺ: 9847410018, 9946160238, 8547704139

ഫെഡറൽ ബാങ്ക് ഓഫീസേഴ്സ് അസോ. ദേശീയസമ്മേളനം ചേർന്നു



ഫെഡറൽ ബാങ്ക് ഓഫീസേഴ്സ് അസോസിയേഷൻ 94-ാമത് വാർഷിക സമ്മേളനം ഏപ്രിലിൽ സി അഡ്മിഷൻ അസോസിയേഷൻ സെക്രട്ടറി സാമുവേൽ റോണി അടൽ പ്രസിഡൻ്റ് സമുവേൽ അഡ്വൈസ് പ്രസിഡൻ്റ് അഡ്വൈസ് ഓഫീസർ ഓട്ടോമോട്ടീവ് കോഴ്സിലെ അഡ്മിഷൻ സെക്രട്ടറി ഫാ. ജോർജ്ജ് ഫ്രാങ്കോ ഓഫീസർ ഫിസാറ്റ് പ്രസിഡൻ്റ് ഫാ. ജോർജ്ജ് ഫ്രാങ്കോ ഓഫീസർ ഫിസാറ്റ് പ്രസിഡൻ്റ് ഫാ. ജോർജ്ജ് ഫ്രാങ്കോ

ഫിസാറ്റിൽ ദേശീയ ശില്പശാല

അകമാലി: ഓഹരി വിപണിയെ നിയന്ത്രിക്കാനും അവസരങ്ങളും ചതിക്കുകയും എന്ന വിഷയത്തിൽ ഫിസാറ്റ് ബിസിനസ്സ് കളിന്റെ നേതൃത്വത്തിൽ ദേശീയ ശില്പശാല സംഘടിപ്പിക്കുന്നു. നാളെ മുതൽ 24 വരെ നടക്കുന്ന പരിപാടിയിൽ രജിസ്ട്രേഷൻ സൗജന്യം. സെബി ഐഇപിഎഫ് പദ്ധതിയുമായി ചേർന്നാണ് ശില്പശാല ഒരുക്കിയിരിക്കുന്നത്. അതിൽ ഗ്യാൻ ക്ലബ്ബസെടുക്കും. പങ്കെടുക്കുന്നവർക്ക് കൂടുതൽ വിവരങ്ങൾക്ക് ഫോൺ: 9745187766.

ഫിസാറ്റിന് ദേശീയതലത്തിൽ ഉന്നത വിജയം

അകമാലി: ലോക ബഹിരാകാശ വരാചരണത്തോടു ബന്ധിച്ചു ഐഎസ്ആർഒയുടെ നേതൃത്വത്തിൽ ദേശീയ തലത്തിൽ സംഘടിപ്പിച്ച സ്പേസ് ഹാബിറ്റാറ്റ് ചലഞ്ചിൽ ഫിസാറ്റ് വിദ്യാർത്ഥികൾക്ക് ഉന്നത വിജയം. സീനിയർ-ഇന്റിയർ തലങ്ങളിൽ നടത്തിയ മത്സരത്തിൽ സീനിയർ വിഭാഗത്തിൽ മൂന്നാം ടീമുകളാണ് മറ്റൊരു ഗ്രഹത്തിൽ ജീവിക്കുമ്പോൾ എന്തൊക്കെ ജീവിത കാര്യങ്ങളാണ് ഫിസാറ്റ് വിദ്യാർത്ഥികൾ അവതരിപ്പിച്ചത്. മനുഷ്യൻ സാധാരണ ഗതിയിൽ അഭിമുഖിക്കുകയും പ്രശ്നങ്ങളോടൊപ്പം പരിഹാര മാർഗങ്ങൾ, ഭക്ഷ്യ, ജീവിതകാര്യങ്ങൾ, രോഗപരിരക്ഷാ മാർഗങ്ങൾ, ഫെസിലിറ്റി അവയോടെ വളർച്ച തുടങ്ങി. എല്ലാം മറ്റൊരു ഗ്രഹമായ മാർസിൽ എത്തിച്ചേരുന്നതിന് വേണ്ടുന്ന ആവശ്യങ്ങളോടൊപ്പം അവസര വിഷയ കക്ഷാരികൾക്ക് എഞ്ചിനീയറിംഗ് വിദ്യാർത്ഥികളായ സാലിഫ്, ഫിലാൽ ടി. അശ്വിൻ, റോണി സി. ഫ്രാൻസിസ് എന്നിവരുടെ നേതൃത്വത്തിൽ അവതരിപ്പിച്ചത്. അയാപകനായ ടി.എം. ഹാരിഷ് ആണ് വിദ്യാർത്ഥികളെ ഒരുക്കിയത്.

കറുകുറ്റി റെയിൽവേ സ്റ്റേഷൻ വൃത്തിയാക്കി ഫിസാറ്റ് വിദ്യാർത്ഥികൾ

അകമാലി: കറുകുറ്റി റെയിൽവേ സ്റ്റേഷൻ ഫിസാറ്റ് എൻജിനീയറിംഗ് കോളേജ് വിദ്യാർത്ഥികൾ ശുചിയാക്കി. എൻ എസ്എസ് സർവീസ് ക്യാമ്പിൽ ക്യാമ്പിലാണ് ഫിസാറ്റ് വിദ്യാർത്ഥികൾ റെയിൽവേ സ്റ്റേഷൻ പരിസരം വൃത്തിയാക്കി.

അന്തർദേശീയ സമ്മേളനം സമാപിച്ചു

അകമാലി: ഫിസാറ്റ് എൻജിനീയറിംഗ് കോളേജിൽ ഫിസാറ്റ് ബിസിനസ്സ് കളിന്റെ നേതൃത്വത്തിൽ ദേശീയ ശില്പശാല സംഘടിപ്പിക്കുന്നു. നാളെ മുതൽ 24 വരെ നടക്കുന്ന പരിപാടിയിൽ രജിസ്ട്രേഷൻ സൗജന്യം. സെബി ഐഇപിഎഫ് പദ്ധതിയുമായി ചേർന്നാണ് ശില്പശാല ഒരുക്കിയിരിക്കുന്നത്. അതിൽ ഗ്യാൻ ക്ലബ്ബസെടുക്കും. പങ്കെടുക്കുന്നവർക്ക് കൂടുതൽ വിവരങ്ങൾക്ക് ഫോൺ: 9745187766.

AGNITIO 2k21

AGNITIO 2k21- Virtual Project Expo for the year 2021 was held on 13th July 2021 conducted by the Department of Electronics and Communication Engineering in association with ECHO.

Dr Manoj George, principal, Dr C Sheela, Vice Principal of FISAT, Dr Mini P R, Dean of academics and Mr Basil K Jeemon, staff in charge of ECHO, Reshma R Pillai Secretary of ECHO addressed the students.

The special guests of the event were Hrishikesh Dilip, Senior Embedded software engineer at VVDN Technologies and Aravind K Jayan, Engineer at Digital Core Technologies. They have given a project briefing on areas and how the students could improve their projects for the future. Ms Devika S was the Best Outgoing Student Award winner. Hima Memorial Endowment award winners were R Aishwarya of S4 ECE and Ajith James of S6 ECE. The Best Project Award title was ' Door Dodge System' and the team members are Aiswarya S Menon, Dilna K Pappachan, Amala Biju, Bina Manjali. The most popular project award was given to the project with maximum views on social media. The title winner was the project named 'Tele Melanoma Detection Module' and the team members were Reshma R Pillai, Rajalakshmi A R, Nanda K R, Megha P S. There was also a demonstration video of the best project from the Website of Agnitio 2k21.

The winners of the Hobby Club event was announced by Dr Anil Kumar M N, HoD, ECE Dept. The winners were Santhwana T, Emilin Mary Koottala, Aswin Krishna M M.



ONLINE QUIZ COMPETITION ON ARDUINO BOARDS

Hobby club, an initiative of Department of ECE, FISAT, in association with ECHO is organized an online multiple choice quiz competition on "Arduino Boards" on 12th July, 2021- Monday.

Winners of quiz competition are:

- First Prize : Santhwana T, S6 ECE B
- Second Prize : Emilin Mary Koottala, S6 ECE A
- Third Prize : Aswin Krishna, S6 ECE A

SCIENCE VIDEO COMPETITION

To enhance the intense interest in science and practical skills of the students, hobby club of ECE department, organized an online science video competition to first and second year students of ECE department on August 30, 2021. Participants were explained basic science concepts with the help of some working models.

Winner : HANEENA SAJAN (S2 ECE A)

STAR MAKING CONTEST

On the occasion of Christmas and to get everyone involved in the festivity of Christmas, the hobby club of ECE department organized an electronic Star making competition for students from 20th to 22nd December. Participants arranged LED's in different combinations and made extremely good blinking stars. Students also developed control circuitry for the same. Competition provides an opportunity to students to get hands-on working with the various electronic components.

The following were the winners of the competition:-

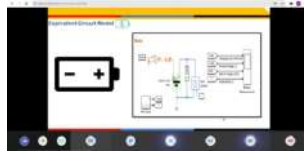
- First prize (Shared by two teams): K R Goutham Krishna & Sandesh Girish (S1 ECE B) Abhinand KS & Antony (S1 ECE A)
- Second Prize: Joseph Thomas & Ken Paul Binoj (S1 ECE B)



Stars made by students hung on the front wall of ECE department

EV DESIGN AND DEVELOPMENT IN VEHICLE INDUSTRY

A talk on “EV Design and Development in Vehicle Industry” was conducted for Third and Fourth Year students, by the experts from Automotive Industry. It was headed by Mr. Ashwakiran K, Mr. Balagopal P, Managers, Volvo Group Trucks Technology, Bangalore on Sat, Nov 27, 2021, 3pm – 4:30pm (IST) through Microsoft Teams meeting. This talk was based on the course 'Control Systems' offered in 5th and 7th semesters of B.Tech ECE.



INDUSTRIAL VISIT CUM TOUR OF S7 ECE A & B



Intending to provide the students an insight on the internal working of companies, ECE Dept. organized an industrial visit for the students of Final Year, during December 2021. The students of S7 ECE B batch visited Conexao Technology Solutions located in Panaji, Goa. The students were accompanied by faculty members Mr. Manu Mohan C M, Ms. Vineetha V and Ms. Manju C P, Asst Profs, ECE department. The students of S7 ECE A batch visited the manufacturing unit of ice fashions, Karukutty, Angamaly. These students were accompanied by faculty members, Mr. Benoy Abraham, Ms. Jeslin P Jo, and Ms. Bini V K, Asst. Profs, ECE department.

FUNDED STUDENT PROJECTS

Three ECE student projects of 2018 admission batch

students were recommended for Kerala State Council for Science, Technology and Environment (KSCSTE) Funding under Student Project Scheme 2021. These are :

- i) Contactless UI control for lifts: Job Sajan John, Kiran Jayram, Sharath K, Roshith Roy
- ii) Hospital Sanitizing Robot: Akshaya Jayan, Eldho Lalu, Fousia P Manaf, Gowri Prasad
- iii) Face Mask Detection System: Ivin Jose, Abhai Varghese, Ashik Shaju, Anand M S

The projects were guided by Ms. Manju C P, Mr. Anoop E G, Mr. Noble G and Mr. Manu Mohan C M, Asst. Profs, ECE department.

RESEARCH ACTIVITIES:

1. Dr. S. Krishna Kumar, Professor, ECE was granted Research Guideship approved by the APJ AKTU.
2. Dr. Anil Kumar M N, Prof & HoD, ECE Chaired the session in AICTE Sponsored international conference on advances in computing, Communication Embedded and secure system at ASIET, Kalady on 4th Sep, 2021.
3. Dr Anil Kumar MN was selected as the External Examiner of Ph.D final Viva-voce , Visvesvaraya Technological University, Belgaum
4. Mr. Noble G, Asst. Prof, ECE was selected to the part time PhD programme at the Indian Institute of Information Technology [IIIT], Kottayam.
5. Ms. Elza George, Asst. Prof, ECE was Selected for Ph.D programme at the Amrita Vishwa Vidyapeetham, Coimbatore.
6. Ms. Subha Thomas, Asst. Prof, ECE was selected for Ph.D programme at the Avinashilingam University.
7. Ms. Vinitha V, Asst. Professor Registered for Ph.D Programme in KTU under the guidance of Dr. Krishna Kumar S, Professor, ECE Department.
8. Ms. Jilu George, Ms. Minu Kuriakose, and Ms. Nisha R, Asst. Professors registered for Ph.D Programme in

Karunya Institute of Science and Technology,
 Coimbatore

- Ms. Aiswariya Raj, Asst. Prof ECE was the resource person for the workshop conducted in Division of Electronics Engg, CUSAT.

PAPER PRESENTATIONS & PUBLICATIONS

- Ms. Anjali Murali, Ms. Irene M V, Mr. Gokul Krishna H Menon, final year students of ECE (2017 admission), under the guideship of Mr. Basil K Jeemon, Asst. Prof, ECE presented and published the paper entitled "Signal detection in OFDM systems using deep learning" in the "International conference on recent trends in Communication and Embedded System Technologies" held at Christ Engineering College, Iringalakuda held on 13-15th July 2021.
- Mr. Basil K Jeemon, Asst. Prof, ECE presented and published a paper titled " Space time block coded vector OFDM with ML detection" in the 8th IEEE International Conference on Smart Computing and Communications (ICSCC 2021) organized by Muthoot Institute of Technology and Science, Kochi.
- Ms. Nimmy M Philip , Ms. Deepa NR and Mr. Anoop EG presented a paper in AICTE sponsored 2021 2nd International conference on ACCESS hosted by Adi Shankara& Technically sponsored by IEEE Kerala section on 4th Sep, 2021.

ONLINE COURSES ATTENDED BY FACULTY MEMBERS

- Ms. Sheelu Susan Mathew, Asst. Prof, ECE received Elite certification of FDP Equivalent NPTEL Course - VLSI PHYSICAL DESIGN
- Ms. Deepa N R, Asst. Profs, ECE received Elite with silver certification of FDP Equivalent NPTEL Course - Cryptography and Network Security.
- Ms. Christy Jose, Ms. Jilu George, Asst. Professors, ECE completed NPTEL course on Accreditation and Outcome based learning
- Ms. Sheelu Susan Mathews, Asst. Prof, ECE

completed FDP Equivalent NPTEL course on Python for data science-Elite with silver qualification

- Ms. Jilu George and Ms. Christy Jose, Asst. Profs, ECE completed NPTEL online certification and AICTE approved FDP on Patent Drafting for Beginners.
- Ms. Jilu George and Ms. Christy Jose, Asst. Profs, ECE completed NPTEL online certification and AICTE approved FDP on Learning Analytics Tools

FACULTY DEVELOPMENT PROGRAMMES (FDPS) ATTENDED (JULY TO DEC 2021):

- Mr. Manu Mohan, Mr. Basil K Jeemon, Ms. Pearlsy P V, Ms. Neena KA , Ms. Leena Thomas and Ms. Jilu George attended the KTU sponsored 5 Day FDP on Recent Advancements in Wireless Communication Technologies by NSS Palakkad from 13-17th July 2021.
- Ms. Sheelu Susan Mathew attended Faculty workshop on Embedded Systems-An application-driven approach organised by Arm Education, AICTE and STMICROELECTRONICS from 25-27th Aug 2021.
- Ms. Sheelu Susan Mathew attended Tutorial talks of the AICTE sponsored 2021 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) - technically sponsored by IEEE Kerala Section and hosted by Department of Electronics and Communication Engineering, ASIET from 2-4th Sep 2021.
- Dr S Krishna Kumar Attended Workshop on Multicore Architecture and Design, DoE, SoE, CUSAT on 26th Aug 2021.
- Ms. Christy Jose, Ms. Bini V. K., Ms. Jeslin P. Jo, Ms. Manju C. P., Ms. Sheelu Susan Mathews, Ms. Elza George and Dr S Krishna Kumar attended ATAL FDP on AI Enabled IoT Networks at ASIET, Kalady from 13-17th Sep 2021.
- Ms. Subha Thomas attended FDP on Pursuit of

Excellence in Research and Advanced Technology, Sathyabama Institute of Science and Technology, Chennai from 20-30th Oct 2021.

7. Ms. Subha Thomas attended FDP on Research Funding and Patent Filing organized by Department of IT, Singhad Institute of Technology, Lonavala from 25-29th Oct 2021.
8. Mr. Anoop EG, Assistant Professor attended the ISTE skill development training programme on "IoT Foundation course" conducted in association with BNY Mellon on 3rd Nov 2021.
9. Mrs. Subha Thomas, Asst. Professor, attended FDP on IoT Technology on Embedded systems from 6-8th Dec 2021.

Sl. No.	Title of Course	Semester	Faculty Members
1	Basics of Python Programming	S1 & S2	Dr. S. Krishna Kumar, Christy Jose, Jilu George, Dhanya S., Aiswariya Raj, Vinitha V.
2	Python for Scientific Computing and Data Visualization	S3 & S4	Bini V. K., Jeslin P. Jo, Manju C. P., Elza George
3	Introduction to Machine Learning and Deep Learning	S5 & S6	Noble G., Pearlsy P. V., Sreelakshmy S., Ambili A. R., Neena K. A.
4	Semi-Custom Layout Design using Microwind and Cadence	S7 & S8	Deepa N. R, Nimmy M. Philip, Anoop E. G.

STUDENTS WHO WENT FOR HIGHER STUDIES DURING JULY-DEC 2021

Danish Muhammed (2016-20)

Master of Engineering Management with Industry, University of Leicester, United Kingdom

Mathews Sabu (2016-20)

Msc data science, University of Salford

Anaswara KS (2016-20)

Master's in International Automotive Engineering, Technische Hochschule Ingolstadt Germany

Abhiram D (2013-17 batch)

Msc Computer Systems Engineering In University of Glasgow

Sanjana Joshy (2017-2021)

Embedded Wireless Systems, University of York, U K

VALUE-ADDED COURSES

ECE department offers value-added courses with the objective to make the students industry-ready. The syllabus is designed in such a way to attain the objective in an effective manner. The course content consists of theoretical and skill developmental aspects to enrich the students' knowledge. The various industry-oriented value-added courses offered by the department of ECE to students are:

TESTIMONIES BY ALUMNI

Here are testimonies by several of our inspiring alumni from 2017-21 Batch of ECE



Devika S

Sales force Developer
Community America Credit Union

Best outgoing student (ECE 2017 - 2021 A Batch)

Since 2017, FISAT has been an art for me. An art that made the best out for me. FISAT molded me into a brave girl from a weak girl. When I look back into 2017 and 2021, now I see me as a better human filled with richness in personality, character and in academics. The teachers and staffs have always been supportive for bringing up the students. Also the extra curricular activities made me into a strong fearless character. FISAT had given me equal opportunities in academics and non academics. I have been able to successfully manage my co curricular activities along with academics. All I'm now is because of FISAT. I'm always grateful to the management and staff for making me better. Thank you so much for everything FISAT has provided me and I'm sure everyone else has experienced the same kind in college.



Fyna Francis
 UST Global
 Associate Software Developer
 (ECE 2017 - 2021 A Batch)

“College life is valuable with memories when you believe that you loved those days”. I had a splendid experience as a student at the Department of Electronics and Communication Engineering at FISAT. The Electronics and Communication Engineering is a branch with diversified areas, which gives all kinds of prospect in the career path of a student. All our teachers are extremely knowledgeable, and they're always eager to help us in our times of need. The college has provided us with essential skills that are required in the corporate to excel. I was able to achieve the utmost cooperation and motivation from my ECE department and placement cell. At FISAT, I developed an array of qualities that are imperative to be a successful professional Engineer. The time I spent here had an astonishing influence on my personality. Excellent learning environment, good faculty members, high class facilities, open culture, supportive staff and a healthy milieu fostering individual growth make FISAT an ideal place to be at and learn. I am sure you are going to experience the best four years of your life at FISAT.

STUDENTS ACHIEVEMENTS

1. Mr. Ajith S Panackal, Research Scholar under the guide ship of Dr. Anil Kumar M N achieved 1st rank in KTU-PhD entrance examination and qualified for CERD fellowship for PhD.
2. Five students from 2019 batch ECE started Internship programme at Luure.ai, Technopark, Trivandrum
3. Six students of 2017-2021 batch ECE received B.Tech in ECE with Honours Degree.
4. Forty six students of 2020 admission batch obtained above 9 SGPA and above for the 1st semester B.Tech university examination.

5. Seven students of 2018 admission batch obtained above 9 SGPA and above for the 5th semester B.Tech university examination.
6. Twenty three students of 2017 admission batch obtained above 9 SGPA and above for the 7th semester B.Tech university examination.

Congratulations

Aarcha Santhosh Maliyakal , Dasaradh M, Elizabeth Binson, Helen Maria Sha, Joyal Gigi, Navya Jose, Nimmy Joshy, Nivedhitha M- students of 2020 admission obtained 10 SGPA in the 1st semester B.Tech university examination.



AARCHA S M



DASARADH. M



ELIZABETH B



HELEN MARIA S



JOYAL GIGI



NAVYA JOSE



NIMMY JOSHY



NIVEDHITHA M



FACULTY DEVELOPMENT PROGRAM (FDP) ON "CONSTRUCTION INDUSTRY - PRESENT AND FUTURE TRENDS"



The Department organised a 6-day online Faculty Development Program (FDP) on "Construction Industry - Present and Future Trends" from 21 June 2021 to 26 June 2021. This FDP was funded by APJ Abdul Kalam Technological University, Thiruvananthapuram. This six day FDP consisted of 19 sessions delivered by the best in academia and Industry. The program was inaugurated by, Dr. Anitha P, Chairman, Dr. C Sheela, Vice Principal, Dr. Mini P R, Dean Academics, Dr. Jiji Antony, HoD, Dept of CE spoke on the occasion. The coordinators of the FDP are Dr. UnniKantha G and Dr. Asha Joseph. The organising team include Ms. Preethi M, Ms. Abhiya Abbas Mundol, Ms. Panjami & Ms. Gayathri Krishnakumar.

The topics and speakers are:

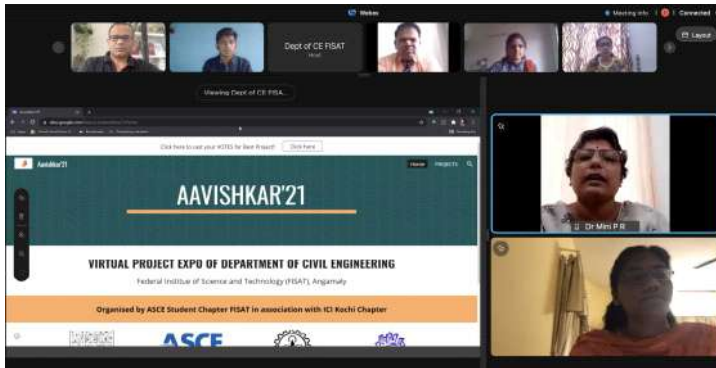
1. Durability Parameters of Concrete Prof. Sandeep Chaudhary, IIT Indore
2. Futuristic Structural Health Monitoring and Related Technologies Based on Smart Materials, Prof. Suresh Bhalla, IIT Delhi
3. Structural Health Monitoring using Inverse Techniques, Dr. Shyamal Guchhait, NIT Rourkela
4. Lean Construction, Dr. Albert Thomas, IIT Bombay
5. Retrofitting of Distressed Structures using FRP Composites, Prof. Hari Krishan Sharma, NIT Kurukshetra
6. Construction by Concrete 3D Printing, Dr. Rahul A V, Postdoctoral Researcher, Ghent University, Belgium.
7. Non linear Modelling of Concrete using Finite element Methods, Er Hari Sruthi R, Innovent Engineering Solutions, Bangalore
8. Geopolymer Concrete, Prof. J. Karthikeyan, NIT Trichy
9. Structural Shape Optimization using Gradient and Gradientless Methods, Dr. Krishna Kant Pathak, IIT (BHU) Varanasi
10. Hazards and its Management in Construction Industry, Er. Vikram Jothijayakumar, Vikram Construction, Salem
11. Academicians need in the Construction Industry, Er. Vikram Jothijayakumar, Vikram Construction, Salem
12. Admixtures in Concrete, Prof. Sathishkumar, NICMAR Hyderabad
13. Energy and Carbon Footprints of Buildings, Dr. Praseeda KI, NSS College of Engineering, Palakkad
14. Hot Weather Concreting and its Practical Implication, Er. Shyju Nair, CEO, DH Academy, Kochi
15. Repair and Rehabilitation of Structures, Prof. Anil Kumar Sachan, NIT Allahabad
16. Application of GIS in Construction Industry, Prof. Pradeep Kumar Garg, IIT Roorke
17. Building Information Modelling, Er. Sujisha V & Er. Aslam Mohammed Ashraf, BIMLABS Engineering Services, Thiruvananthapuram
18. Guidelines for Mix Design of Geopolymer Concrete for Precast Products, Dr. Suman Saha, NIT Calicut
19. Application of Pre Engineered Building & Design Methodology, Er. Mohammad Rahmatulla, PEBS, Pennar Ltd, Hyderabad.

AAVISHKAR'21

The Department of Civil Engineering, (FISAT), organised the 5th edition of the Project Expo- AAVISHKAR'21 on 17th June 2021 in association with ASCE Student Chapter, FISAT & ICI Student Chapter.

Aavishkar provides an opportunity for final year students to demonstrate their projects and start a discourse in Civil Engineering with the added perk of the best projects being awarded.

Dr. Mini P R, Dean Academics, Dr Jiji Antony, HoD, Mr. Johncy K. Sam, Practitioner Advisor of ASCE Student



Chapter, Mr. Narasimha Chary Poluju, President ASCE Southern Region, Ms. Rajalakshmi T.R, Assistant Professor, Dept of Civil Engineering spoke on the occasion.

The <https://sites.google.com/fisat.ac.in/aavishkar21> hosts an array of projects from various streams of Civil Engineering

Various awards were given to the project teams based on their work and the rating obtained. The awards are as given below:



Best Project with Social Relevance

"Investigational Study of the Overtaking Behaviour on an Undivided Highway" by Harikrishnan S, Jeevan Jewel D, C.P Siddarth Raj Nambiar and Akhil Krishnan A guided by Ms. Lidiya P M. by Aiswarya R Nair, Ajay



Sustainable Urban Transportation Planning using PTV VISSIM" by Muhammed Shibil, Muhuzin Nasser, Neha Shabir, Nimson Davis guided by Ms. Leena Samuel Panackel.



Best Project with Industrial Relevance

"Design Of Storm water Management System For The Water Stressed Areas In Palakkad District" by Karthika Aravind, Megha Krishnan, Melvin Devassy and Noel Tharakan Renjith guided by Ms. Rajalakshmi T R



"Parametric Study Of Mechanically Stabilized Earth Wall Using GEO5" by Krishnapriya V S, Nithul T C, Sharon Shogu and Swetha Maria Charles guided by Ms. Panjami K.



Best Innovative Project

"Prediction of Geotechnical Parameters using Machine Learning" by Aslam K Sidhik, Jayakrishnan M, Abijith P Vinod and Aiswarya Prasanth guided by Ms. Panjami K



Best Video Presentation

"Landslide Hazard Zonation And Mitigation Strategies For Peerumedu Taluk" by C T Ahammed Thanveer, Hidas Mohammed, Althaf Ibrahim Puthuvathara and Dilruba guided by Ms. Ms. Rajalakshmi T R.



Best Project

"Groundwater potential zonation and groundwater quality mapping using GIS" by Aiswarya R Nair, Ajay Suresh, Aman Saju and Ganga Sankar guided by Ms. Rinu J Achison.

CONSILIO 2020

Winners of CONSILIO 2K21:

Best Project

"Automatic Water Tank Cleaning System" by Aleena Sajjan Abbas, Aleena Shyjo, Ashfaq P S and Divya S

Best Project with Social Relevance

"Pollution Absorbing Brick" by Hiba Fathima, Mohamed Ramees, Nirmal R and Sreelakshmi Nandakumar

Best Project with Industrial Relevance

"Power Stairs" by Muhammed Basil, Simi Rachel Thomas, Theresa Jojo, Vandana

Best Innovative Project

"Hydraulic Footpath" by Abhiram k baby, Ajil alias, Akhil muhammed M K and Arjun shinoj

Best Video Presentation

"Safety Helmet" by Sourav Sajeev, Steve Thomas, V M Sreelal and Varun R Warriar

"Effective Space Planning under Flyovers" by Koushik P, Niveditha R Prasad, Raslana Rahaman and Sneha Saji Mathew

#THROWBACK FISAT 2014-2018 BATCH

The Civil Department organised the first batch wise alumni meet #Throwback FISAT of the year on 13th June 2021 using the online platform. Dr. Jiji Antony, Ms. Preethi M, Mr. Gokul S, Ms. Catherine and Ms. Swetha Maria Charles and Ms. Gayathri Krishna kumar lead the programme.



CIVIL HOUSE - CONNECT, CHAT, INSPIRE

The Department has introduced an innovative series of sessions titled the "CIVIL HOUSE-CONNECT, CHAT, INSPIRE" to connect the



students pursuing their graduate course with the Alumni.

The first webinar in the series "Civil House" was hosted on 11th June 2021 at 4:30PM using the webex platform. The guest of honour was Mr. Ashish Johnson, 2017 B.Tech graduate who is currently working as Project Supervisor at Concretec New Zealand Ltd., New Zealand. The session saw an attendance of more than 120 participants.

The department hosted the second webinar in the series "Civil House" on 18 June 2021, 4:00PM. The guest of honour was Mr. Akhil M Unni who graduated from the first batch of B.Tech during 2011-2015. Mr. Akhil is currently working with Hills and Fort Constructions LLC, Dubai.

The third webinar in the series "Civil House" was hosted on 18th September 2021 at 4:00PM. Ms. Gouri C T of the 2012-16 batch was the guest of honour. Ms. Gouri C T is currently the Senior Associate - Strategic Consulting CBRE, South Asia Pvt. Ltd.

The fourth series of "Civil House" was held on 9th October 2021 at 4:00 PM. Ms. Alphy Christo Thomas of 2014-18 batch was the guest for the event. Ms. Alphy is currently working as Assistant Engineer, TATA Steels Ltd at Jamshedpur

ADIEU ASCE LEADERS-FAREWELL 2021

The Farewell of office bearers of ACE & ASCE Student Chapter, FISAT Batch 2017-2021 was organised on 17th June 2021 at 4:30 pm on the WebexPlatform . The Student Chapter members Paul Bose (President), Ansuya Suresh (General Secretary), Sarath Dileep (Treasurer), Abijith P Vinod (Chairperson: Publicity, Social Activities and Fundraising), Muhuzin Nasser (Chairperson: Community Service and Membership), Swetha Maria Charles (Vice chairperson for publicity and social work), shared their valuable experience of being a part of ASCE. Head of the Civil Department Dr. Jiji Antony and faculty member Dr. UnniKantha G., and Ms. Neeraja N attended the event.

INTERNSHIP CELL

Department of Civil Engineering, FISAT has initiated a dedicated internship cell which will aid students to find out the best internship based on the area of interest and expertise. Five final year postgraduate students took up the internship with STEDAC Constructions, a structural design consultancy at Angamaly, Ernakulam.



WEBINARS ORGANISED BY THE DEPARTMENT

Geomatic Dimensions In Civil Engineering

A webinar on 'Geomatic Dimensions in Civil Engineering' was hosted by the ASCE student chapter on 2nd July 2021. The resource person was Dr. Suresh Francis, Scientist, Kerala State Remote Sensing and Environment Centre (KSREC), Thiruvananthapuram. This webinar was conducted as part of the MOU between the department of Civil Engineering and KSREC. The program was coordinated by Ms. Abhiya Abbas Mundol, Assistant Professor, Department of Civil Engineering.



ECOSYSTEM RESTORATION

The ASCE student chapter, FISAT conducted a webinar session on 5th June 2021 which marked the beginning of the United Nations decade on "Ecosystem Restoration ". The student chapter of FISAT collaborated with Amrita Vishwa Vidhyapeedam for this event. The webinar was conducted in association with KSCSTE - Centre for Water Resources Development and Management (CWRDM), Government of Kerala.

The first session of the webinar started at 5 PM and was delivered by Dr. Drissia T K, Senior Scientist and TPA, ED's secretariat, Hydrology and Climatology Research Group. Her topic was on "Regional Flood Frequency Analysis".

Subsequently, the session was handled by Ms. Dawn Emil Sebastian, Scientist B, Kottayam Subcentre on the topic "Climate Change " which provided insights into climate and its dynamics in this environment day. The session concluded by 6.15 pm with a brief felicitation by the Head of the Department Dr. Jiji Antony.

ADD- ON COURSE CONDUCTED BY THE DEPARTMENT

Add- On Course on ETABS

An add on course on "ETABS" was conducted for the second semester MTech students from 22nd September to 27th September



2021 in the Department research lab. The resource person for the sessions was Mr. Berin Joysha, Managing Director, STEDAC, Engineering and Constructions Pvt. Ltd.

OVERVIEW OF PROVISIONS IN BUILDING RULES, REGISTRATION AND APPROVAL PROCEDURES

An add on course on "Overview of provisions in building rules, registration and approval procedures" was conducted for the final year civil engineering students from 5th to 8th December 2020 through Webex Platform. The sessions were handled by Dr. UnniKantha G, Professor, Department of CE, and Mr. Jawahar Saud S, Asst. Professor, Department of CE. The programme was attended by 111 final year students.

SOCIAL EVENTS

Conversation with a Chai

As part of World Mental Health Day, ASCE student chapter, FISAT organised a session called "Conversation with a Chai " with Mr. ViswanathSaj (<https://viswanathsaj.com>) who is a developer and is currently pursuing degree in economics and international business.



JUMANJI

The department of Civil Engineering, Fisat in association with ASCE, FISAT student chapter organised a fun filled event “Jumanji” on 30th September 2021 at 7.00 pm using the online platform as a stress buster in these covid times. The first years students of 2020 batch was given the baton to conduct the event.

ENGINEER'S DAY EVENTS

Congratulations to the winners of the competitions organised by ASCE Student Chapter of FISAT on the occasion of Engineers Day 2021. Students from 12 Schools participated in the events. There were four events for different age categories of school students. The winners of the competitions are

1. Drawing Competition: Aabha Nath VS, Class 7, Rogationist Academy, Desom, Aluva
2. Poster Designing Competition, Neha Rajesh, Class 12, Sacred Hearts Higher Secondary School, Thevara & Angela Susan John, Class 12, Giredepam Bethany Central School, Kottayam
3. Quiz Competition: Salman Tariq, Rogationist Academy, Desom, Aluva
4. GooseChase: Hashif Shibu, Class 12, GHSS Chittar, Pathanamthitta

STUDENT ACHIEVEMENTS

ACADEMIC EXCELLENCE

The department wishes to join the happiness of the top achievers of 2017-21 batch who achieved great results in their B.Tech examinations.



Special mention to Ms. Akhila Shaju, Ms. Aiswarya R Nair, Ms. Megha Krishnan, Ms. Krishnapriya V.S and Ms. Swetha Mariya Charles who secured more than 9 CGPA.. The department is proud of the 25 students who graduated with honors in B.Tech Engineering.

BEST OUTGOING STUDENTS OF THE 2017-21 BATCH.

The department congratulates Mr. C T Ahammed Thanveer, S8 CEA and Mr. Sarath Dileep, S8 CEB for being selected as the best outgoing students of the 2017-21

batch. A special appreciation certificate was awarded to Mr. Paul Bose, S8 CEB for all the support he has extended to the Department.



OUR MERITORIOUS STUDENTS

B.Tech

Admission year: 2017



SWETHA M C
9.50



AKHILA SHAJU
9.35



MEGHA K
9.30

Admission year: 2018



THERESA JOJO
9.32



KOUSHIK P
9.17



GOKUL S
9.12

Admission year: 2019



VINAYA HAPPY
9.54



SANIKA V A
9.41



NIDHI V S
9.30

M.Tech

Admission year: SECM 2019-21



VINAYA H
9.54



SANIKA V A
9.41



NIDHI V S
9.30



NIDHI V S
9.30

KUDOS - WINNERS OF QUIZ CONTEST

Congratulations to the winners of the Anti Tobacco Quiz contest organised by NSS Unit of KMEA college of Engineering. The winners from FISAT are Amaldev V P, S4 CE and Aswas P Manoj, S4 CE.

VIRAL- AN INTER-COLLEGE VIDEO MAKING CONTEST

Roshan Saju of S4 CEB, FISAT bagged the third position in an inter-college video making contest titled 'VIRAL' at Rajagiri School Of Engineering and technology

PUBLICATIONS IN LECTURE NOTES IN CIVIL ENGINEERING, PROCEEDINGS OF SECON'21:STRUCTURAL ENGINEERING AND CONSTRUCTION MANAGEMENT.

Progressive Collapse Analysis of a Multistoried Building with Flat Slab

G Anandhakrishnan, M.Tech Student, Dr.Jiji Antony, Professor

Compressive Strength Prediction with Boundary-Defined Datasets

P Hrishikesh, M.Tech Student, Dr. UnniKartha G, Professor

Performance Analysis of CFS Encased Recycled Plastic Laminate Beam

Issra Mohmed Ayoob, M.Tech Student, Dr. Kavitha P E, Associate Professor.

Seismic Performance of Floor Diaphragm Openings in Multi Storey Building

Sreelakshmi Ranjit, M.Tech Student, Nincy Jose, Assistant Professor

Sustainable Planning of Urban Transportation Using PTV VISSIM

Muhammed Shibil, Muhuzin Nasser, Neha Shabir, and Nimson Davis, B.Tech Student, Leena Samuel Panackel, Assistant Professor

Disruption of Construction Industry During COVID-19 Pandemic-A Case Study from Ernakulam, Kerala, India

Niya Thomas, M.Tech Student, Jawahar Saud S, Assistant Professor

Salinity Mapping of Coastal Aquifers Using GIS and GALDIT

Subin Abraham Jacob, Robin Alexander, Kevin Varghese, Juval Joy ,B.Tech Student, Rinu J. Achison, Assistant Professor

Parametric Study of Mechanically Stabilized Earth Wall Using GEO 5

V. S. Krishnapriya, Swetha Maria Charles, Sharon Shogu, T. C. Nithul. B.Tech Student, K Panjami, Assistant Professor

Seismic Performance of Multi-storey RC Building with Coupled Shear Walls

N Y Anjali, M.Tech Student, Beena B R, Assistant Professor

Numerical Investigation and Parametric Analysis of Hybrid Shear Wall with Energy Dissipating Reinforcements

Sneha Benoy, M.Tech Student, Dr. Asha Joseph, Associate Professor

Behavior of Harp and Perimetral Bracing System in Pre-engineered Building Subjected to Lateral Loads

Merin Thomas, M.Tech Student, Gayathri Krishnakumar, Assistant Professor

Study on Seismic Performance of Braced Single Storey Framed Structure Using X-Shaped Pipe Damper

P S Thapasya, M.Tech Student, Neeraja Nair, Assistant Professor

Experimental Investigation on the Effect of Fly Ash on Plastic Shrinkage Cracking of Self-Compacting Concrete

Anju George, M.Tech Student, Abin Thomas C A, Assistant Professor

Performance of Steel Building Equipped with Crescent Shaped Bracing System under Seismic Excitation

T P Neethu, M.Tech Student, Preethi M, Assistant Professor

Structural Performance of Splice Connection for Tubular GFRP Section Members

Mittu Kuriakose, M.Tech Student, Sreerath S, Assistant Professor

Dynamic and Seismic Evaluation of Curved Cable Stay Bridges

Gautham Sudhakar, M.Tech Student, Reshma Prasad, Assistant Professor

FACULTY ACHIEVEMENTS

Dr. Jiji Antony

- ♦ Awarded the ICI- Ultratech Awards

Dr. UnniKantha G

- ♦ Book Editor, Proceedings of SECON 2020, Published by Springer
- ♦ Obtained funding from KTU for the Faculty Development Programme on “Construction Industry- Present and future trends”

Dr. Kavitha P E

- ♦ Reviewer for International Conference STAGE 2020 conducted by NSS College of Engineering, Palakkad.
- ♦ Book Editor, Proceedings of SECON 2020, Published by Springer

Dr. Asha Joseph

- ♦ Reviewer for International Conference - STAGE 2020 conducted by NSS College of Engineering, Palakkad
- ♦ Chaired Technical Session and Advisory committee member of "International Conference on Emerging Trends in Science, Engineering and Technology 2020" organized by Universal Engineering College, Vallivattom, Thrissur.
- ♦ Reviewer for “Structural Engineering and Engineering Mechanics” - An International Journal - Scopus indexed.
- ♦ Obtained funding from KTU for the Faculty Development Programme on “Construction Industry - Present and future trends”

Mr. Jawahar Saud S

- ♦ Reviewer of Virtual Conference on Disaster Risk Reduction 2021 organized by NITK - Surathkal and NIDM, New Delhi.
- ♦ Book Editor, Proceedings of SECON 2020, Published by Springer

Ms. Neeraja Nair

- ♦ Completed Summer Faculty research development programme organised by IIT, Delhi. Ms. Neeraja Nair did her research work under the guide ship of Dr. Sahil

Bansal in the stream of structural engineering on the topic “Reliability analysis of a three member truss subjected to horizontal and vertical load at the top node”

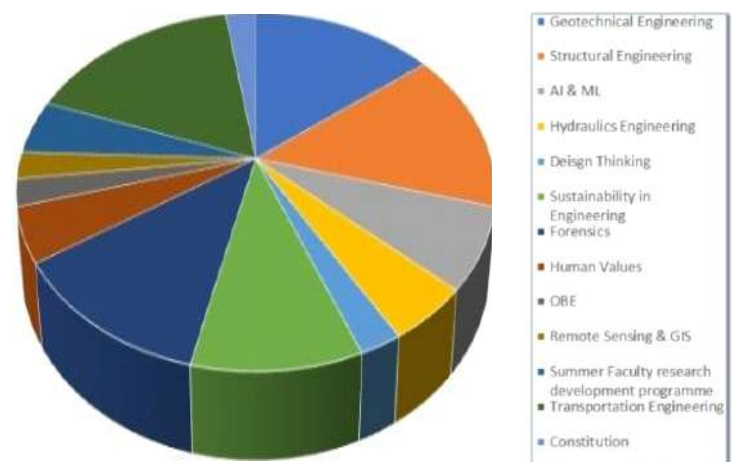
Ms. Panjami K

- ♦ Completed Summer Faculty research development programme organised by IIT, Delhi.
- ♦ Ms. Panjami .K did her research work under the guidance of Dr. Bapadithya Manna in the stream of geotechnical engineering on the topic “Analysis of Mechanically stabilised earth Wall using Geo5 software”.

FDP ATTENDED BY THE FACULTY

The faculty of Department of Civil Engineering, FISAT attend around 45 faculty development programmes in the current academic year. The FDPs were based on topics such as Geotechnical engineering, structural engineering, hydraulics, design thinking, sustainability, forensics, remote sensing & GIS, Transportation engineering and constitution

Domain	Count
Geotechnical Engineering	6
Structural Engineering	6
AI & ML	3
Hydraulics Engineering	2
Deisgn Thinking	1
Sustainability in Engineering	4
Forensics	5
Human Values	2
OBE	1
Remote Sensing & GIS	1
Summer Faculty research development programme	2
Transportation Engineering	7
Constitution	1



NPTEL COURSES/MOOC COURSES ATTENDED BY THE FACULTY

Dr. Asha Joseph (Associate Professor, Department of Civil Engineering)

- ◆ Write Professional Emails in English, Coursera

Beena B R (Assistant Professor, Department of Civil Engineering)

- ◆ NBA Accreditation and teaching learning process in engineering, NPTEL
- ◆ Accreditation of undergraduate engineering program, SWAYAM

Rinu J Achison (Assistant Professor, Department of Civil Engineering)

- ◆ Technical Writing, Moscow Institute of Physics and Technology

Jawahar Saud S (Assistant Professor, Department of Civil Engineering)

- ◆ Introduction to Indoor Air Quality, Coursera
- ◆ Disaster Preparedness, Coursera
- ◆ Municipal Solid Waste Management in Developing Countries, Coursera

Lidiya P M (Assistant Professor, Department of Civil Engineering)

- ◆ Write Professional Emails in English, Coursera

Neeraja N (Assistant Professor, Department of Civil Engineering)

- ◆ Fundamentals of Visualization with Tableau, Coursera

Keerthi Sabu (Assistant Professor, Department of Civil Engineering)

- ◆ Disaster Preparedness, Coursera

Anna Rose Varghese (Assistant Professor, Department of Civil Engineering)

- ◆ Municipal Solid Waste Management in Developing Countries, Coursera

Panjami K (Assistant Professor, Department of Civil Engineering)

- ◆ Machine learning, Coursera
- ◆ Machine Learning for All, Coursera
- ◆ Introduction to Virtual reality, Coursera
- ◆ Introduction to Psychology, Coursera
- ◆ Integrated waste management for a smart city, NPTEL

OUR ALUMNI

SUCCESS STARTS IN CAMPUS

Every student takes off in their life to success and happiness with a strong tool called 'EDUCATION'. The time spent in school and colleges are all reasons behind our performance in life afterwards. Few students go the extra mile and make it big in their life. FISAT has seen many students pass out with flying colours who branched out to different spheres in life and made huge impacts. The Civil Department of FISAT has mentored and guided numerous students to technical expertise and the department faculty can keep their head high in these achievements.



FAREWELL

A farewell may be the end of a student's life but it is not the end of the relationship. Even amongst the lockdown and pandemic, the students were sent off with well wishes and blessings. The farewell to the BTech students of 2017-21 batch and MTech 2019-21 batches were conducted separately under the events Adieu 2k21 on Friday, 23rd July 2021 and Wednesday, 28th July Laa Gon 2k21 respectively.



DEPARTMENT ACHIEVEMENTS

CONGRATULATIONS ON SECURING 10.00 SGPA FOR UNIVERSITY EXAMINATIONS
S8 B.TECH (2017 ADMISSION)



DEVU R KURUP

S1 B.TECH (2020 ADMISSION)



AKASH SURESH



ANUSREE P C P



APARNA S M



DEVINANDA S K



JOAN DAVID



JOSEPHINE J



NAVNEETH M N



K SHWETHA S



FUNDED PROJECTS

- Received KSCSTE Funding under Student Project Scheme 2021 for following Projects
Title: "Artificial Intelligence Technique for Gene Expression by Tumor RNA-Seq Data" Project Guide: Dr. Prasad. J C- Professor, CSE
Members: Megha Justin, Revathy V V, Sona Jose, Sona Saju M
Title: "Fully Convolutional Networks for Weed Detection"
Project Guide: Mrs. Merin Cherian - Assistant Professor, CSE
Members: Darsana K M, Anagha M B, Gladis M S, Fathima Pared.

STUDENT ACHIEVEMENTS

- FISAT library website was redesigned and developed by Mr. Mohammed Nihal, Jopaul Joy, Amarjith (S4 CSE) under the guidance of FCS staff in charges Ms. Hansa J Thattil and Ms. Chethna Joy.
- Nijay Giri of S1 CSEB won third prize in Under 19 chess championship held on 19/12/2021.
- Best Outgoing Student (2017-2021), Visrutha Arundhathi R, S8 CSE B
- Abhishek M K- S2 CSE-A, Evans Nevil-S2 CSE-A and Anagha Jayaraj-S6 CSE-A secured first, second and third prize in Fast Typing Competition conducted as part of Mantra 2021.
- Shemin Anto - S6 CSE B, Ajay Nair- S4CSE A and Emmanuel Jojoy -S4 CSE A secured first, second and third prize in SMRITHI 20-21 Competitive Programming Contest.
- Ranu Paul of S8 CSEB have won first prize in Celestia21 QuIZ conducted by ACM Student chapter of FISAT.



BEST MAIN PROJECT AWARDS (2021)

1st Position

Team Members: Nikhil Mathew Thomas, Rizwi Liakath, Sangeeth P M, Vismaya
Title : Student Engagement Recognition in an E-learning Environment

2nd Position

Tem Members: Kiran Baby, Nelvin Poly, Rahul MM, Sona K K
Title: Hyperface Implemented Multiplayer TPS Game.

BEST DESIGN PROJECT AWARDS (2021)

1st Position (Two Teams)

Team Members: Shemin Anto, Shreyas S Kumar, Narayanan V Eswar S6 CSEB
Title: Enhanced Anomaly Detection for IOT Devices
Team Members: Paul Elias Sojan, Joel Jorly, Nahid M A, Shiv Shankar S6 CSEB
Title: Detecting Cyberbullying in social media

2nd Position

Team Members: Jibin George, Bennet Benny, Gautham Krishna.S, Gautham S S6 CSEA

Title: Malware Analysis using ML and OSINT

R Shreyas S4 CSE B, Naveen K Biju S6 CSE B and Rosmi Johnson S4 CSE B secured first, second and third prize for the Technical Logo Quiz competition conducted as part of Mantra 2021.

FACULTY ACHIEVEMENTS

- ◆ Dr. Paul P Mathai was selected as approved supervisor under Kerala Technological University (KTU) on 10/09/2021.
- ◆ A Talk on "Outcome Based Education" was conducted by Dr. Reshmi R, CSE in Professional Development Program, organized by Department of Computer Applications, FISAT on 07/05/2021.
- ◆ Secured a CRED RSM Funding of 80,000 by Dr. Jestin Joy on 13/08/2021 for Investigating the effectiveness of gesture based learning framework for deaf students.
- ◆ Dr. Prasad J C have successfully completed NPTEL course with Elite +Silver for the subject "The Joy of Computing Using Python", on 22/09/2021
- ◆ Ms. Hansa J Thattil, Ms. Sruthy suresh and Ms. Jismy Mathew successfully completed NPTEL course with Elite +Silver for the subject "Data Mining" on 22/09/2021
- ◆ Ms. Merin Cherian successfully completed AI and ML Course by Oracle Academy on 17/11/2021
- ◆ Dr. Prasad J C mentored students and designed a popular website to help students and parents for KEAM College Option Allocation.
- ◆ Dr. Prasad J C published an article in a Financial Business magazine 'Dhanam' on 10/09/2021.
- ◆ Dr. Prasad J C have filed a patent titled "Method and System for determining real-time user emotions using Artificial Intelligence techniques".
- ◆ Dr. Prasad. J C was appointed as IT Expert at Malankara Association Election Process

PAPER PUBLICATIONS

- ◆ Jyothish K John "A Study on Workflow Execution Time Prediction", International Journal for Innovative Research in Science & Technology, Volume 8, Issue 1, June 2021.

- ◆ Anitha T Nair, Arun Kumar M N, Anitha M L, & Anil Kumar M N., "Computer Aided Diagnostic System for Diabetic Retinopathy Detection using Image Processing and Artificial Intelligence", International Journal of Computer Science and Information Security (IJCSIS), Vol. 19, No. 5, May 2021.
- ◆ J.C. Prasad, Megha Justin, V.V. Revathy, Sona Jose, M. Sona Saju "Deep Learning Approach For Identifying and Classifying Cancer Types Using BPSO and GAN", Turkish Online Journal of Qualitative Inquiry (TOJQI), Volume 12, Issue 7, July 2021: 9682-9700.
- ◆ Krishnan, Hema, M. Sudheep Elayidom, and T. Santhanakrishnan. "Weighted holoentropy-based features with optimised deep belief network for automatic sentiment analysis: reviewing product tweets." Journal of Experimental & Theoretical Artificial Intelligence (2021): 1-29.
- ◆ Krishnan, Hema, M. Sudheep Elayidom, and T. Santhanakrishnan. "Optimization Assisted Convolutional Neural Network for Sentiment Analysis with Weighted Holoentropy-based Features." International Journal of Information Technology & Decision Making (2021): 1-37.
- ◆ Krishnan, H., Pankajkumar, G., Poosari, A., Jayaraj, A., Thomas, C., & Joy, G. M. (2021, May). Machine Learning based Sentiment Analysis of Coronavirus Disease Related Twitter Data. In 2021 2nd International Conference on Secure Cyber Computing and Communications (ICSCCC) (pp. 459-464). IEEE.
- ◆ Paul P Mathai, "Deep Learning Based Capsule Neural Network Model for Breast Cancer Diagnosis Using Mammogram Images." Interdisciplinary Sciences: Computational Life Sciences (2021): 1-17.
- ◆ Cherian, Merin, and Kannan Balakrishnan. "Evaluating Word Embedding Models for Malayalam." REVISTA GEINTEC-GESTAO INOVACAO E TECNOLOGIAS 11.4 (2021): 3769-3783.
- ◆ Joy, Chethna, G. Naveen Sundar, and D. Narmadha. "AI Driven Automatic Detection of Bacterial Contamination in Water: A Review." 2021 5th International Conference on ICICCS. IEEE, 2021.

MANTRA 2021 FEST

On 9th July 2021, the Annual CSE Day – Mantra 2021 was conducted by Thyra CSE Students Association to uphold its aim and 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.



CELESTIA21 QUIZ COMPETITION

ACM Student chapter, FISAT, organizes Celestia, an inter-collegiate quiz competition annually. This year Celestia '21 was conducted on the 8th and 9th of July in online mode. Ms. Visrutha Arundhathi R, the chairperson of ACM student chapter with the guidance of ACM Faculty sponsor, Mrs. Sruthy Suresh, as well as many active ACM student volunteers together organized this. The quiz took place. 49 students from different colleges participated.

FAREWELL FOR FINAL YEAR CSE STUDENTS

Farewell for final Year CSE students were conducted on 11/07/2021. All the students and faculty members actively participated in the event.

ONAGHOSHAM

Virtual Onaghosham was celebrated by CSE students on 18/08/2021 with different cultural and traditional activities.



The MoU signed

- ◆ The MoU signed with ICT Academy was extended for one more year on 03/08/2021.
- ◆ Memorandum of Understanding (MoU) was signed between Indian Sign Language Research and Training Centre (ISLRTC), New Delhi and Federal Institute of Science And Technology (FISAT), Kerala. The aim is to develop and maintain Indian Sign Language mobile

and web application with the specified software specification within the specified time period of eight months by Federal Institute of Science And Technology (FISAT), Kerala for Indian Sign Language Research and Training Center (ISLRTC), New Delhi without any financial involvement.

WORKSHOPS

Introduction to FOSS : A hands on workshop on “Introduction to FOSS” was conducted by FOSS cell on 27/08/2021. The resource person for the same was Dr. Jestin Joy, Head of Computer Science, St. George College Aruvithara.



- ◆ Introduction to GIT was taken by Yedu Krishnan, Alumni on 28/08/2021. Merin Cherian coordinated the event.
- ◆ Cyber Security and Ethical Hacking : An exclusive workshop for the students of FISAT was organized by Thyra, CSE student's association on the topic Cyber Security and Ethical Hacking scheduled on 11th of September 2021 at 04:00 pm. The session was presided over by Mr. Sreehari C.P, Cyber Security Specialist, TCS.

PyCAMP Python

An exclusive workshop on Python for the students of FISAT was organised by ACM, from 17th to 19th September 2021. The sessions were handled by Joel Nickson, S4 CSE. This informative session was attended by more than 20 students.



INTERNSHIP

An internship of 15 days duration on “Ethical Hacking and Cyber Security” in association with Q Labs and Thyra was conducted from 20-09-21 onwards. It was a very good opportunity for the students of CSE department.



CONGRATULATIONS!!

Congratulations Dr. Hema Krishnan, Assistant Professor (Senior Grade) for successfully completing Ph.D on topic “Design and optimization of efficient classification models for sentiment analysis of product reviews” from Cochin University of Science and Technology, Kerala.



NEW PH.D RESEARCH SCHOLARS IN CSE DEPARTMENT IN 2021

Seven new research scholars joined in CSE Department under the guidance of Dr. Arunkumar and Dr. Paul Mathai in the year 2021, in which Ms. Lakshmi Raj joined with CERD Fellowship.

CHRISTMAS CELEBRATION

Christmas celebrations were conducted classwise on 23-12-2021. Various events like X'mas Carol, Song Competitions, Gift exchange, Cake cutting etc were part of the event. The Christmas message was given by the head of the department Dr. Jyothish K John.



SEMINAR RELATED TO M.TECH PROGRAMME IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE CONDUCTED.

As part of launching of the new course in CSE Department, a distinguished seminar was organised on 'How AI and DS can be used in pandemic Era' by Dr.SukanthKhurana, CEO and Founder of Inocure on 20 Sept 2021. Department has started a new M.Tech.

programme in Artificial Intelligence and Data Science (AI and DS) in 2021. Artificial Intelligence and Data Science is a new branch of study which deals with precise methodologies, processes, and techniques drawn from different domains like Computer Science, statistics, information science etc. Dr.Prasad J C, Professor was the coordinator of this seminar.



PANEL DISCUSSION ON COMPUTER SCIENCE & SOFTWARE INDUSTRY

Department of Computer Science And Engineering in association with the Computer Society of India (CSI) student branch FISAT, hosted a discussion on 'Computer Science and Software Industry' at 6 pm, 6th June 2021. The moderator for the event was Dr Jestin Joy, Asst. Professor, Dept. of CSE, FISAT. Due to the COVID-19 pandemic, the talk was conducted in Online mode using the Clubhouse app. About 55 Students of the Computer science Department attended the online event.

INDUCTION PROGRAMME

The induction programme for newly joined first year students were conducted from 20th October, 2021. Sessions were organized generally as well as some of them were handled by the dept faculty. The various sessions taken and name of faculty is given below.

- 1) Introduction to department –Part 1/ FISAT
Dr. Jyothish K John
- 2) Introduction to department –Part 2/ FISAT
Dr. Prasad J C
- 3) Preparing for placements- Dr. Paul P Mathai
- 4) Alumni interaction with students
(Albert Jose and Anand J)
- 5) Custom software/add on Programme - Dr.Reshmi R
- 6) Professional bodies-Cell coordinators
- 7) About Projects- Mr. Mahesh C and Mr. Pankaj Kumar.

INVITED TALK

A Talk on “Crafting yourself for DeepTech Startups” by our alumni Mr. Sumod K Mohan was conducted on 15/12/2021.

WEBINARS

A webinar on “How Artificial Intelligence and Data Science can be used in Pandemic Era” was organised for 57 students on 29th September, 2021, as a part of launching the new course on MTech in Artificial Intelligence and Data science. The resource person of the day was Dr. Sukant Khurana, CEO and Founder of Ioncure. Student could easily grab different ideas and possibilities in the area of AI and Data Science.

A Webinar on “Global Career Opportunities and Higher Education Abroad” was organised for all final year BTech students in FISAT, in association with EAZYLINK Academy. This program has helped all the students to prepare for their future education and career plans in India & Abroad countries. Mr. Sony Akkara, Career Consultant, was the resource person of the day.



MOCK PLACEMENT INTERVIEWS

Department of Computer Science and Engineering organized Mock Placement Interviews for 2018-2022 batch students on 30-09-21, 7-10-21 and 9-10-21. Along with placement cell coordinator of department Dr. Paul P Mathai, all the faculty members actively participated in conducting the same.

ORPHANAGE AND LEPROSY PATIENTS VISIT



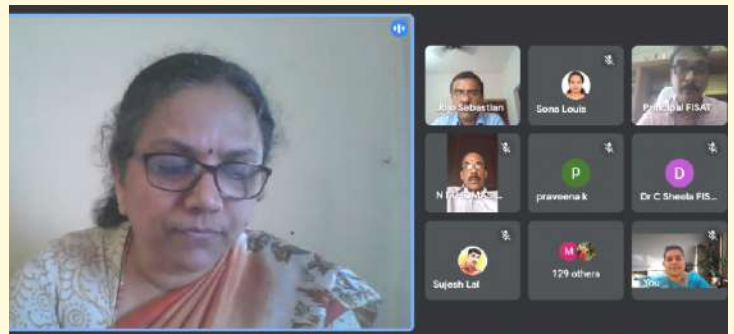
S3CSE A students have arranged Orphanage and Leprosy Patients visit on 23-12-2021 and given some fund for their daily expenses as a charity activity.

HOUR OF CODE

Hour of Code Event (Computer coding techniques) was conducted by ACM student chapter, FISAT at Christava Mahilalayam Public School Aluva on 16/12/2021



INDUCTION CEREMONY OF MCA 2021 BATCH



Hard work with dedication and determination pays off. The full admission in the 16th batch of MCA is the end result of consistently bagging the top spots in the University Examinations and the good placement records of the department. The Induction Ceremony of the batch of MCA 2021 admission was held on 20th October 2021. The distinguished chief guest Mr Jojo Sebastian, Business executive of Global Government sector in IBM India gave the inaugural address. Honorable Chairman of FISAT, Dr. Anitha P presided over the function. Dr. Manoj George, Principal, Dr. C Sheela, Vice-Principal, Dr. Mini P R, Dean-Academics, Dr. Deepa Mary Mathews, HOD-MCA, Mr. N I Thomas, Vice-President of PTA, Dr. Shidha M V spoke on the occasion.



INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN COMPUTER APPLICATIONS

The International Conference on Advancements in Computer Applications (ICACA2021) is an event organized by the Department of Computer Applications, FISAT during 15th & 16th July 2021. ICACA included keynote addresses by Dr Corrado Aaron Visaggio, Professor, Department of Computer Engineering, University of Sannio, Italy and Dr Vinod P, Professor, Department of Computer Applications, Cochin University of Science and Technology (CUSAT), India. Sessions are chaired by highly experienced research scholars from academia.



ICACA2021 received around 60 papers from all over the world viz. Nigeria, United Arab Emirates, Saudi Arabia and India. The acceptance ratio of the Conference is only 25%. Papers presented at the conference are included in the proceedings of the conference with ISBN numbers, which provide information to both the academician and researcher on current issues of Computer Science and Applications. Selected papers were published either in Turkish Online Journal of Qualitative Inquiry (Scopus Indexed) or in Revista Geintec-Gestao Inovacao E Tecnologias (Management, Innovation and Technologies) (Indexed in ESCI, Web of Science). The entire programme was organized and coordinated by Mr. Santhosh Kottam, Dr. Rakhi Venugopal and Dr. Sujesh P Lal.

TWO-DAY FACULTY DEVELOPMENT PROGRAMME ON INTERNET OF THINGS

The Department of Computer Applications, FISAT took the initiative to conduct an online faculty development programme on Internet of Things which could be beneficial for all faculties under KTU who participated for the sessions for two days. The FDP was held on 9th & 10th November 2021. The resource person for the sessions was Ms. Bindu S Mony, Assistant Professor, Department

of Applications, College of Engineering, Vadakara. Around 25 participants from various colleges attended the Faculty Development Programme. The coordinators were Ms. Joice T and Dr. Rakhi Venugopal



HANDS-ON TRAINING SESSION ON MACHINE LEARNING AND DATA SCIENCE

The Department of Computer Applications organized a two-days hands-on training session on Machine Learning and Data Science based on KTU MCA syllabus 2020 on 11th and 12th November 2021. Dr. Shaliesh Sivan, Asst. Professor, Department of Computer Science, CUSAT was the resource person for the training session. Around 50 participants from various colleges attended the training programme and the programme was coordinated by Ms. Senu Abi & Dr. Shidha M V.



NATIONAL WEBINAR ON “ENHANCING DIGITAL LIBRARIES WITH ARTIFICIAL INTELLIGENCE”

A National Webinar on “Enhancing Digital Libraries with Artificial Intelligence” was organized by the Department of Computer Applications in association with NDLI CLUB of FISAT on 29th November 2021. Dr. Ann Baby, Asst. Professor, Rajagiri College of Social Sciences (Autonomous), Kalamassery was the resource person. Dr. Rakhi Venugopal and Ms. Rose Mary Mathew were the Programme Coordinators and around 115 participants attended the Webinar.



TECHNICAL TALK ON “LATEST TRENDS IN BIG DATA”

Department organized a Technical Talk on “Latest Trends in Big Data” in association with TCS, Kochi for the final year MCA students on 16th June 2021. The resource person was Mr. Sreejith Vadakkara, Solution Architect, TCS. The programme was coordinated by Mr. Jomon M C.

PROFESSIONAL TRAINING PROGRAMME ON OUTCOME-BASED EDUCATION

A Professional Development Programme on Outcome Based Education was held on 5th July 2021 in online mode, where all the faculty of Computer Applications was present. Dr. Reshmi R, Asst. Professor(Sr.Gr), CSE Dept, FISAT conducted the session. Dr. Shahna K U and Ms. Manju Joy were the Programme Coordinators.

INAUGURATION OF 'TECHRADIANCE' CELL & EXPERT TALK ON "ENVIRONMENT SUSTAINABILITY"

On 8th July 2021, the Department of Computer Applications, initiated a new session named Tech Radiance through which the department is planning to provide with a series of expert talks that will fill up the gaps in the MCA programme. An expert talk on Environment Sustainability has been arranged for the final semester MCA students. Mr. Renganathan. K., Project Manager (Environmental Resource Management, Bangalore) was the resource person. Dr. Deepa Mary Mathews, HOD-MCA, Ms. Joice T, Dr. Shidha M V spoke on the occasion.

WEBINAR ON VALUE OF IEEE XPLORE & EBSCO EBOOKS IN RESEARCH & CAREER DEVELOPMENT

Department of Computer Applications in association with the FISAT Central library organized a Webinar on Value of IEEE Xplore & EBSCO eBooks in Research & Career Development on 3rd September 2021. Mr. Nandalal T S, Senior Training Manager-South India, EBSCO Information Services, New Delhi was the resource person and Mr. Santhosh Kottam was the Programme Coordinator.



Hands-On Training on LaTeX

To equip the students with documentation using an open source tool, LATEX, for preparing their mini



project and main project documents, a Hands-On Training session has been organized by the department in association with Rewind on 10th September for S5 MCA students. The resource person was Ms. Silly K P, Technical Support Engineer, Mindreflex Technologies. She is our alumna. Dr. Sujesh P Lal was the Programme Coordinator.

HANDS-ON TRAINING ON "NOSQL DATABASE MONGODB USING PYTHON"

Department organized a hands-on-training on "NoSQL database - MongoDB using Python" on 13th September for S2 MCA students. The resource person was Dr. Manjula Devananda, Principal, KVM College of Engineering & IT, Cherthala. The programme coordinator was Dr. Shidha M V.

WEBINAR ON GLOBAL ETHICAL ISSUES

TechRadiance Cell of the department organized a webinar on "Global Ethical Issues" on 15th September 2021. Ms. NYCI IGNATIUS Assistant professor of the Department of Science and Humanities, FISAT was the resource person. Ms. Joice T & Dr. Shidha M V were the programme coordinators. Students from S5 and S2 MCA attended the session

PROFESSIONAL TRAINING PROGRAMME ON ACTIVE LEARNING METHODOLOGIES

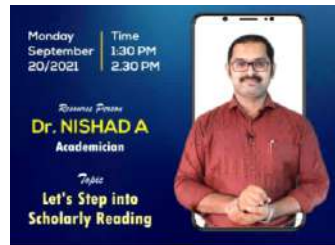
To give more insight about various active learning methodologies that can be employed for a course, the



department organized a professional development programme on Active Learning Methodologies. The session was handled by Ms. Sona Mary Louis, Asst. Professor, Department of Computer Applications, FISAT on 15th September 2021. Dr. Shahna K U & Ms. Manju Joy were the Programme Coordinators

WEBINAR ON “LET’S STEP INTO SCHOLARLY READING”

Department organized a Webinar on “Let’s Step into Scholarly Reading” on 20th September 2021 for S5 MCA Students. The resource person for the event was Dr.



Nishad A, HSST Computer Science, GHSS Cherthala South. Ms. Rose Mary Mathew and Mr. Nithin Rajan were the Programme Coordinator.

PTA MEETING OF S2 A & B BATCHES

An online PTA meeting was held on 27/9/2021 at 5 pm for S2 MCA 2020 A- Batch and at 5:30 pm for S2 MCA 2020 B-Batch. The main agenda of the meeting was to give feedback regarding the academic performance of the students to their parents.

TALK ON "GLOBAL CAREER OPPORTUNITIES & HIGHER EDUCATION ABROAD"

Department organized a talk on Global Career Opportunities & Higher Education Abroad in association with the EazyLink Academy for the final year students on 6th October 2021. Mr. Sony Akara led the team. Dr. Sujesh P Lal and Ms. Anju L were the programme coordinators.

THREE DAY TRAINING PROGRAMME - JOB READINESS PROGRAM

A three-day Job Readiness Program has been arranged by the department in association with the department placement & training cell from 6th October 2021 to 8th October 2021. Priya Ali, Head-Trainer, CPEC was the resource person. The programme was organized for the final year students and Mr. Jomon M C was the Programme Coordinator.

WEBINAR ON APACHE-HIVE ESSENTIALS

A webinar was organized by the department in association with the Rewind on the topic “Apache Hive Essentials” on 11th Oct 2021. Ms. Treesa Joseph, Lead



Analyst, Ernst & Young Global Delivery Services, Kochi. Mr. Nithin Rajan was the Programme Coordinator.

TWO-DAYS HANDS ON TRAINING ON “DJANGO”

TechRadiance Cell of the department in association with Rewind, organized a 2-day hands-on training session on 22nd & 27th November 2021. Our alumnus Mr. Rohith Joshy, Sr. Software Engineer, Qburst was the resource person and Ms. Joice T was the Programme Coordinator.

INDUCTION TRAINING PROGRAMME FOR 2021 BATCH

The Department of Computer Applications in association with the department Placement Cell organized an Induction Training program for the newly inducted students with the primary objective of providing them an industry orientation and employability skills. The training was led by the Pragmatix team. The Orientation Programme was coordinated by Mr. Jomon MC, Placement Coordinator of the department.

Training Schedule

Date	Session	Class A	Class B
21 Oct 21	1	Ice Breaker, Goal Setting, Industry Expectations, Employability Skills	Ice Breaker, Goal Setting, Industry Expectations, Employability Skills
21 Oct 21	2	Communication Skills and Activity	Communication Skills and Activity
22 Oct 21	3	Time Management, Leadership Skills	Time Management, Interpersonal Skills, Leadership Skills
22 Oct 21	4	Interpersonal Skills and Activity	Interpersonal Skills and Activity

FIESTA (MCA STUDENTS’ ASSOCIATION) ACTIVITIES

Virtual Project Expo

The Department of Computer Applications in association with FIESTA has conducted an Online Project Demo Exhibition/Competition on 19/07/2021. The Head of the Department, Dr. Deepa Mary Mathews, Mr. Santhosh Kottam and Ms. Sona Mary Louis were interacted with students. Students of S4 MCA attended the online exhibition conducted through Webex Platform. Mr. Deepak Kurien won the first prize for the Best Project selected by the jury is “Crowdfunding Using Ethereum Blockchain”. Ms. Shidha M.V, FIESTA staff coordinator proposed vote of thanks.

Poster Design Competition

A poster design competition for the students has been organized by the association on 15th August 2021 as a

part of our 75th Independence day celebration. Many students participated and Ms. Aleena Shibu of S3 MCA- A (2020 Batch) won the first prize.

SPEECH COMPETITION

A Speech Competition on the topic “What would be India in 2021 in Gandhiji’s Dream” has been organized related to Gandhi Jayanthi. Mr. Alfin Shaji, S3 MCA- A batch was the winner

LOGO DESIGN COMPETITION

A Logo Design Competition has been conducted for FM diary in the month of December 2021. The logo designed by the Mr. Alfin Shaji, S3 MCA- A is selected as the logo for the FM diary and he have been awarded with the prize for the event

ADIEU- VIRTUAL FAREWELL TO 2018 BATCH

The online farewell of the MCA 18-21 batch was conducted on 29th July 2021 at 11:00 am. Dr. Manoj George, Principal of FISAT, Dr. Deepa Mary Mathews, Head, Department of Computer Applications, Mr. Santhosh Kottam, Ms. Sona Mary Louis, Ms. Joice T and Mr. Jomon M C addressed the gathering. Several awards of recognitions for the students in the batch have been announced by the HOD. Mr. Nikhil Kaimal, Class representative thanked and concluded the session.



VIRTUONAM -2K21

The virtual Onam celebration for the MCA students was conducted on 18th August 2021. Mr. Amal Devasia, Student Secretary, FIESTA welcomed the gathering. Dr. Deepa Mary Mathews, HOD, Mr.Santhosh Kottam, Ms. Senu Abi, Ms. Manju Joy, MS. Shidha M.V interacted. As a part of VIRTUONAM 2K21, competitions like Kerala

Sreeman/Malayali Manga, Onappattu, Selfie with pookkalam were conducted. Mr.Amal Devassia(MCA S5 B) has won first prize for Onppattu, Amal Thomas (MCA S5 B) has won the title Kerala Sreeman, Nimisha M.M (MCA S2 B) has won title Kerala Manga. The first and second prize for the “Selfie with pookkalam” competition have been won by Miranta Joshy(MCA S2 B) and Gayathri S Kumar (MCA S2 A). Aishwarya S Kumar(MCA S5 B), Student Rep, FIESTA conveyed the gratitude to all gathered for the event.

LAUNCHING OF HEALTHY PRACTICES WITH FELIZ NATAL 2021

Christmas is celebrated along with the launching of healthy practices in the department on 23rd



December 2021. The event was courteous with the presence of Honourable Chairman of FISAT, Mr. Shimith P R, Principal Dr. Manoj George, Vice Principal Dr. C Sheela, Dean academics Dr. Mini P R, Dr.Deepa Mary Mathews along with the members of Team MCA. The FM Diary Communication Channel was inaugurated by the Chairman of FISAT Mr. Shimith P R and he released its logo. The three steps of placements – aptitude, technical and HR session need to be specially trained along with our class-room curriculum to get placements. The department initiated a set of good and healthy practices like Thought for the Day (to start the day with a positive thought), Pocket Aptitude (aptitude training), Meet the HR (Practicing HR interview questions and most appropriate answers), Techwiser (technical interview questions and answers), Know an App (Know more about new technical apps), Techfacts (some interesting facts and news in the Tech world), Daily News (to get updated with current affairs) and Vocabulary (familiarize new English words and its usage). All these healthy practices are introduced to build confidence in the students and also to train them to crack the placement drives.

The fourth volume of the Department Newsletter which showcases the activities and achievements of the students and faculties of the department has been released by the honorable chairman of FISAT. Prizes for various competitions organized by the FiestA have been distributed by the officials. Official meeting concluded with the Vote-of-thanks by Mr. Amal Devasia, the Student Secretary of FiestA. The stage was then taken by the singers and dancers of the department.



INAUGURATION OF ‘MY STORIES’ AND VARIOUS SHARING SESSIONS

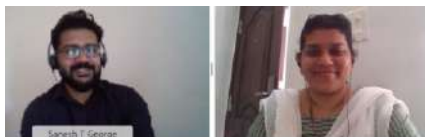
On 10th July 2021, the department initiated a new session named My Stories with the help of the alumni. My Stories is a platform for Alumni of the department working all over the globe in reputed MNCs to share their success stories with their junior batches thereby to inspire and guide them to prosper in their career. Principal of FISAT, Dr. Manoj George, Dr C. Sheela , the Vice Principal , Head of the Department, Dr. Deepa Mary Mathews, Ms. Senu Abi and Dr. Shahna K U spoke on the occasion.

The first session of My Stories was handled by our 2013 batch Alumni Mr Basil Abraham. He is currently working as a Product Manager of Jam City Games, Toronto.



The second session of “My Stories” was on 14th August 2021. The session was handled by Mr Gopu C, alumni of 2011 batch currently working as Assistant Consultant, Digital Farming Initiative, TCS.

The third session was organized on the topic “Empowering Placem ent” by Mr. Sanesh T. George, Associate Consultant, TCS, Kochi on 27th November 2021 at 9.30 am.



STUDENTS ACHIEVEMENTS

Vishnu Memorial Endowment award for the Best Outstanding Student from the Department of Computer Applications for the academic year 20-21 was awarded to Ms. Sherin Irani MCA (Regular) 2018 batch



University Topper : Anjaly Madhu (2018 Regular Batch) had won 9.44 CGPA and secured fourth position in the result of MCA Degree Examination conducted by APJ Abdul Kalam Technological University



Special Recognition Award : Dibin Jose (2018 Regular Batch) Mr.Dibin Jose in association with two MBA students from FISAT Business School has initiated a startup ‘CONEX365’ in April 2020, which provides E-Learning platform and consultancy services in education sector



Best Project Award: Deepak Kurian (2018 Regular Batch) Mr. Deepak Kurian has won the first prize for the project titled “Crowdfunding Using Ethereum Blockchain “ in the Virtual Project Expo conducted by the department.



Best Leadership

Nikhil Kaimal (2018 Regular Batch)



First Prize in the IT Quiz organized by Christ University, Bangalore

Ms. Ankitha Tomy (S5 MCA B)



First Prize in the Treasure Hunt event conducted as part of the IT Fest Gateway 2021 organized by Christ University, Bangalore

Mr. Mrudhul KC ((S5 MCA A)



First Prize in the CSGO event conducted as part of the IT Fest Gateway 2021 organized by Christ University, Bangalore

Nishad raez, Mohammed Faiz and Abdul jaleel V A of S5 MCA B Batch and Mrudhul K C, Ajmal Anwar of S5 MCA A Batch

First Prize in the Inter-departmental Mathematics Quiz Competition and P V Mathew Memorial Trophy won by Mr. Aravind M A and Mr. Abhinav H of S1 MCA A Batch

FACULTY ACHIEVEMENTS

PhD Awarded

The following faculties were awarded with Ph.D in Computer Science



◆ Dr. Deepa Mary Mathews, HOD got doctorate from Mahatma Gandhi University, Kottayam on 25th June 2021



◆ Dr. Shidha M V, Asst. Professor got doctorate from Bharathiyar University, Coimbatore on 27th August 2021



◆ Dr. Sujesh P Lal, Asst. Professor got doctorate from Sathyabhama Institute of Science and Technology, Chennai on 22nd October 2021



◆ Dr. Shahna K U, Asst. Profssor got doctorate from Mahatma Gandhi University, Kottayam on 25th October 2021

PATENTS

- ◆ Dr. Deepa Mary Mathews, HOD. Patent filed and issued for "Method and System for determining real-time user emotions using Artificial Intelligence techniques"
- ◆ Dr. Sujesh P Lal, Asst. Professor Patent filed and issued for "IOT and Wireless Sensor network Based Intelligent Home Bell System for Effective House Protection.

PUBLICATIONS

- ◆ Dr. Sujesh P Lal, Asst. Professor published a paper "Deep learning driven physical layer security for a simultaneously wireless information and power transfer network, in Journal Alexandria Engineering Journal, Impact Factor 3.732
- ◆ Dr. Shahna K U , Asst. Professor published a paper in an Elsevier Journal "Signal Processing: Image Communication" with an SCI-IF: 3.256 and indexing in SCI, SCIE, WoS and SCOPUS. Title: "Novel hyper chaotic color image encryption based on pixel and bit level scrambling with diffusion

Course Completed

- ◆ Ms. Sona Mary Louis ,Asst Professor,completed IBM Coursera certification in AI
- ◆ Ms. Rose Mary Mathews, Asst Professor completed NPTEL Certification Course in " Learning Analytics Tools"

VI PLACEMENT TRAINING PROGRAMMES

The Placement and Training Cell of MCA Dept. is a team of vibrant Student representatives and staff. Our team of PTC is functioning in association with the placement cell of FISAT. The record of placement in MCA at FISAT is one of the highest among all the MCA colleges across the state.

Training Programmes conducted for various batches

Programme	Date	Batch	Person
MPOWER SPARKLE Placement Training Programme	31 May, 1,2,3, 4 June 2021	2020 MCA-A batch	Resource Persons: K. Krishna Kumar & Mridula M (VerticalEye)
	7,8,9,10,11 June 2021	2020 MCA-B batch	
	14,15,16,17, 18 June 2021	2019 MCA batch A & B	
General Aptitude Training	15, 16, 17,18 July 2021	2019 MCA Batch A & B	Pragmatix
Technical Training	25 June, 2, 3, 9,10 July 2021	2019 MCA Batch A & B	FACE
	25 June 2021	2020 MCA Batch A & B	

STAFF ACHIEVEMENTS

Dr. Parvathy. R was the resource person for the "User awareness program on NDLI and NDLI Club" organised by NDLI Club, Federal Institute of Science and Technology (FISAT) in association with MHRD and IIT Kharagpur on June 26, 2021 and for "User awareness program on NDLI and NDLI Club" organised by NDLI Club, PA Holkar Solapur University, Solapur, in association with MHRD and IIT Kharagpur on August 27, 2021

Congratulations, Dr.Rabiya Rasheed, PhD Awarded on 10.08.2021 by CUSAT (Cochin University of Science and Technology) on thesis "A Reduced Switch Multilevel Inverter Topology For DC-AC Conversion..."

Dr. Surya Susan Alex was the resource person for the Webinar On Introduction to Research conducted by CMS college, Kottayam on 20th Dec 2021

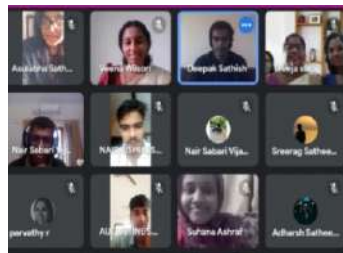
ELECTRONAM

The Electrical and Electronics Engineering department of FISAT in association with students association ELECTRA orga-



nized ELECTRONAM, Onam Celebration for the electrical department students. The virtual ceremony was held on 18th August, 2021 at 1:30 pm. Dr. Parvathy R, professor of EEE department, Anu Viswanathan of S2 EEE and Adarsh Satheeshan, Joint Secretary addressed the students.

Final rounds of competitions like Malayali Manka and Malayali Mannan were held with utmost joy and pleasure. The event was cheered with the beautiful



dance and song performance by the students of electrical department students Fun events were arranged and the students actively participated with extreme joy and happiness. Digital pookkalam prepared by the students were presented during the event.

POWER QUIZ

A preliminary level quiz program - Power Quiz 2021 was conducted on 31st October 2021 at 2pm, organized by KSEBOA and coordinated by ELECTRA for the students of department of EEE. The Power Quiz aim to spread awareness about energy sector and was conducted through online media- "Google form". 20 of our students participated in the preliminary round of which two students, Adwaith Palakkal (S7 EEE) and Asna Salam (S3 EEE) were selected for the next level and the district level competition was held on 25th November 2021. The officer distributed certificates and congratulated the college level winners.



ILUMINAR 2K21

The Electrical and Electronics Department of FISAT had organized its Project Exhibition Iluminar 2K21 on 16th June, 2021. The Award ceremony for the same was conducted on 19th June, 2021. The students of eighth semester participated in this event. The event started by 9.00 AM, was inaugurated by honourable Vice Principal of FISAT, Dr.C.Sheela.

The exhibition covered following Projects:

Dual axis solar tracker, Comparison of conventional and two stage commutation in SRM for vibration reduction, Design and development of a low cost home automation switch, DC-DC Converter for electric vehicle applications, Electric Bio-waste composter, Energy Audit in College Campus, An advanced approach for an efficient mode of organ transplantation-OT Box, Color sorting machine, IoT based solar street lightning system, Electronic Circuit Breaker, PV fed high gain boost converter using MPPT control, Automatic hand sanitizer and COVID detector, Attendance monitoring using facial recognition, Performance analysis of a two phase buck converter, Hybrid power generation system, Solar mobile charger.

The exhibition was evaluated by Ms. Sreevidya P, Assistant Professor, EI Department FISAT.

The awards:

1. Edison Award-Best Innovative Project

Topic: Design and Development of a Low-Cost Home Automation Switch

Members: Daniel Sunny, Delwin D Arickal, Jerom Joyan, Krishna Prasad N

Supervising Guide :Mr.Muhamed Noufal C

Cash Prize-3000/-

2. Tesla Award-Best Socially relevant Project

Topic: An advanced approach for an efficient mode of organ transportation - OT BOX

Members: Asulabha Sathyan, Bhadresha K S, Devika Rajan, Reny Mary Destin

Supervising Guide :Ms.Rinku Scaria

Cash Prize-2500/-

3. Best Project Visual Narrative Award

Topic: Color Sorting Machine

Members: Abishek Manjooran, Adithyan P, Nikhil E K, Skaria Johnson.

Supervising Guide: Ms Surya Natarajan

Cash Prize-1500/-



“GRAFTING YOURSELF FOR STARTUPS”

ELECTRA the students' association of Department of EEE organised an invited talk by Mr. Sumod Mohan, the Founder/CEO of



Autoinfer Pvt Ltd. on Wednesday, December 15, 2021. The fifth semester students of the Department of EEE were the attendees. Mr. Sumod is an alumni of FISAT. He motivated the students through the story of his journey from a B.Tech graduate to Founder of Autoinfer

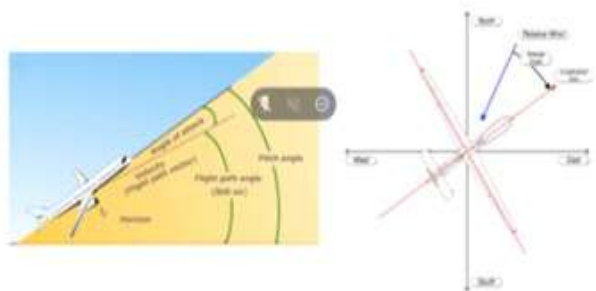
LEARN FROM GREAT MINDS....

Introduction to Flight Control System

The technical session on the topic INTRODUCTION TO FLIGHT CONTROL SYSTEM by Jithu Priya K, organised by ELECTRA and ISTE chapter FISAT was held on 6th October 2021. The event commenced at 6:00 pm. The session was graced with the presence of Dr. Archana R (HOD of Dept. of EEE), Chairman of ISTE, FISAT chapter Dr. P R Mini (Dean, Fisat), Mr. S Sundararajan (faculty advisor to student), Mr. Binoy Abraham (Secretary), Ms. Surya Natarajan (EEE Dept, ISTE coordinator).

The speaker of the day was Ms. Jithu Priya K, who is a scientist at Aeronautical development agency Bangalore.

AIRCRAFT NOMENCLATURE CONTD



FUNDED PROJECTS

Project proposal titled **“DESIGN AND DEVELOPMENT OF A TWO PHASE BUCK CONVERTER FOR LOW POWER APPLICATIONS.”** Submitted by Dr.Parvathy R as PI and Newny Pius.Nikltha Mariam Biji,Harish Laj as student investigator(s) has been selected for Financial assistance for Student project scheme of KSCSTE(Kerala State Council for Science, Technology and Environment

“project proposal titled **"REALIZATION OF BIDIRECTIONAL DC-DC CONVERTERS FOR EV APPLICATION USING WIDE BAND GAP POWER DEVICES."** submitted by Dr. Surya Susan Alex as PI and ANAGHA N, ROSHNI V G,ARYA E P,NIMISHA K M as student investigator(s) has been selected for Financial assistance for Student project scheme of KSCSTE (Kerala State Council for Science, Technology and Environment

“project proposal titled **"DESIGN AND DEVELOPMENT OF AN EXPERIMENTAL SETUP FOR THE STUDY OF PV PANELS."** submitted by MUHAMMED NOUFAL as PI and SOORAJ K AJITH, ABHIRAM EI,PA MOHAMMED HARIS as student investigator(s) has been selected for Financial assistance for Student project scheme of KSCSTE(Kerala State Council for Science, Technology and Environment

“An advanced approach for an efficient mode of organ transportation” -
 Selected for publishing in
 Elsevier Scopus Indexed
MATERIALS TODAY: PROCEEDINGS



Asulabha Sathyan
S8 EEE



Reny Mary Destin
S8 EEE



Bhadresha K.S.
S8 EEE



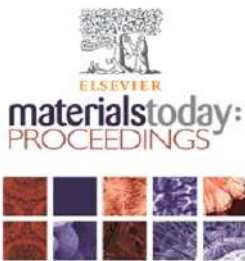
Devika Rajan
S8 EEE



Rinku Scaria
Assistant Professor,
Dept. of EEE



Renjith R
Assistant Professor,
Dept. of ME

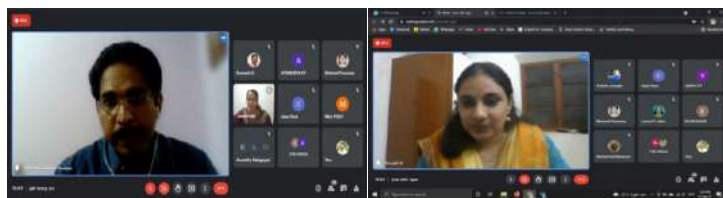


SCIENCE & HUMANITIES FACULTY ACHIEVEMENTS

- ♦ Dr. C Sheela nominated to Kerala Ganitha Sasthra Parishath advisory board
- ♦ Dr. Binimol Punnoose completed a course on Introduction to Ordinary Differential Equations in Coursera.
- ♦ Ms Gisha PS Completed one course on Mathematics for Machine learning in Coursera.
- ♦ MS Dhanya T G completed a course on Introduction to complex Analysis in Coursera.
- ♦ Ms Nyci Ignatius completed a course on Business and Sustainable Development in NPTEL.
- ♦ Ms Anisha Joseph completed a course in Solar Photovoltaic Fundamentals Technology and Applications in NPTEL.
- ♦ Ms Anisha Joseph completed a MOOC Course on ‘Nanotechnology- A Maker’s Course by Coursera (Duke NC State University).
- ♦ Ms Anisha Joseph completed a National Online Refresher Course on ‘Structural Analysis using Rietveld Refinement, Microscopic and Compositional Analysis.
- ♦ Dr Ayswarya E P completed a course on “Smart Materials: Microscale and Macroscale Approaches” authorized by Peter the Great St. Petersburg Polytechnic University and Kazan National Research Technological University.
- ♦ Dr Ayswarya E P presented a paper titled "Reinforcement Effect of Wood Ash in Epoxy Resin" in The International Conference on Emerging Trends in Basic and Applied Science, SSET, Karukutty.
- ♦ Dr Ayswarya E P completed a course on "Concept of Chemistry for Engineering by NPTEL with Elite Certification.
- ♦ Dr Sona Narayanan presented a paper on "Theoretical and experimental Investigations on the electronic properties of Ethylenedioxy Thiophene Copolymers" in the international conference on emerging trends in Basic and Applied Science, SSET, Karukutty.
- ♦ Dr Sona Narayanan completed a course on Metal mediated synthesis-I by NPTEL with Elite Certification.
- ♦ Dr Sona Narayanan successfully completed a five day online FDP on Inculcating Universal Human Values in Technical Education organized by AICTE.

TWO-DAY INTERNATIONAL WEBINAR

The Department of Science and Humanities, FISAT, conducted a two-day International Webinar on 24th and 25th September 2021. On 24th September 2021 at 7 pm, Dr. Aby CP, Scientific Researcher, Palacky University, Czech Republic handled the first session of the webinar and the topic for session was “An Introduction to Scanning Electron Microscopy and its Applications”. The second and final session of the webinar was conducted on 25th September 2021 at 7 pm. Dr. AB Sreebha, the Head of the department of Physics, Sreesankara College, Kilimanoor handled the session and her topic was “Holographic Elements for Solar Applications”.



NATIONAL WEBINAR-'LINEAR ALGEBRA AND ITS APPLICATIONS'

The Department of Science and Humanities, FISAT, Angamaly conducted a two-day National webinar 'Linear Algebra And Its Applications' on 19th & 20th November 2021 from 6.00 pm to 7.30 pm. Prof. R Vittal Rao, Former Professor of Mathematics, Indian Institute of Science, Bangalore was the Resource person on both days.



TWO DAY NATIONAL WEBINAR

The department of Science and Humanities organized a two day National Webinar on 26th and 27th of November 2021. The speaker on the first day was Dr. V.K. Karthika, Assistant Professor of English, NIT Trichy and the topic



was “ Introduction to Academic Writing”. On the second day, the speaker was Dr. Baalaganapati Devarakonda, Professor of Philosophy, Delhi University and the topic was “Professional Ethics in Academics”.

QUIZ COMPETITION FOR P.V. MATHEW MEMORIAL TROPHY

Maths Club FISAT on behalf of the department of Science and Humanities organized The "Inter departmental Mathematics Quiz Competition for P.V. Mathew Memorial Trophy and it was conducted on 14 December 2021 to honour the memory of Adv Sri P. V. Mathew, founder chairman of FISAT. Dr. Manilal K. (Associate. Prof., University college Trivandrum) was the quiz master. The following teams were the winners of the competition. 1. First Prize-AbhinavH, Aravind M.A [S1 MCA] Second Prize- Eby Kurian , Akshay K [S3 CSE A] Third prize- Abhishek M.K, ArshiaAsok (S3 CSE A)



NATIONAL MATHEMATICS DAY CELEBRATIONS

Maths Club FISAT on behalf of the department of Science and Humanities organized a webinar series as a part of national mathematics day celebrations on 15th December, 2021. Dr. Sunil Mathew, Assistant Professor of Mathematics, NIT Calicut was the resource person.



STUDENT ACHIEVEMENTS

- 1) Aman Jose, of S2 CSE A, secured the First Prize In Intercollegiate Mathematics Quiz Competition held at Mar Baselius College, Kottayam
- 2) Abhay Das of S2 CSE A, secured the First Prize In Math Pixel Competition held at St. Alosius College, Mangalore

FISAT DIGITAL DISCOURSE SERIES STARTED

COLLOQUY-II ON HOW DISRUPTIVE CHAINS SHAPE SUSTAINABLE BUSINESS MODELS - FISAT DIGITAL DISCOURSE SERIES-1 is a digital discussion forum that was planned by FISAT Business School, to generate organic thinking and conceptual, free flowing idea generation by eminent industrialists and academic experts. The Colloquy encouraged a rich repertoire of viewpoints about building sustainable models that can weather the constant and somewhat pattern resistant disruption of the external environment. The programme was a two day event held on July 29th and 30, 2021 and consisted of four section of paper presentations by academics and scholars. On both days a Panel discussion with moderators examined perspectives on disruptions

that continue to cloud various industries or sectors. Coordinators of the event were Dr. Dhanya Alex, Dr Anoo Anthony, Dr Sindhu George and Ms. Merin Thomas.

SPEAKERS FOR THE EVENT



MR JAIKANTH SHARMA, PHARMA B2B LEADER, SENIOR DIRECTOR, HEAD OF JAPAN & KOREA AT TEVAAPI,



MS. HARINI CHARI, BRAND STRATEGIST AND CAREER COACH.SINGAPORE



DR. SWAMYNATHAN RAMAKRISHNAN, PROFESSOR, AMITY SCHOOL OF BUSINESS, AMITY UNIVERSITY, DUBAI, UAE

CONGRATULATIONS! TOPPERS OF THE BATCH OF 2019-21 MBA

We continue the legacy of excellent performance as shown by the performance of the present final trimester students of the batch 2019-21. The toppers of the T4 exams are as follows:



FIT19MBA48
EBIN JOY



FIT19MBA50
EMIL MICHAEL



FIT19MBA106
SREESHMA M



FIT19MBA115
VIDHYA K M



FIT19MBA06
AISWARYA C K



FIT19MBA111
THARA JOSEPH

WELCOMING THE GIANTS TO OUR MIDST: THE FIRST FISAT ADVISORY COUNCIL MEETING

In the urgent rush of enabling continuous quality

enhancement in program delivery and key takeaways for the students, the Department advisory committee was constituted on the lines of the NBA requirement of the OBE hierarchy. We have been fortunate to get giants in the management field to guide us on the right path. The first meeting in online mode was held on October 2, 2021, with Dr Joshua A. J at the helm and the following members throwing light on various facets of management education, ably moderated by Dr Simon Thattil, Emeritus Professor, Manipal School of Management.

Other Members are

1. Dr. Simon Thattil, Adjunct Professor & Former Dean-Academics, T A PAI Management Institute (TAPMI), Manipal
2. Prof. (Dr.) Zakkariya K.A, Professor, School Of Management Studies, CUSAT Director, DDU KAUSHAL KENDRA
3. Dr. Thomas Joseph Adjunct Professor, Business Policy and Strategy IIM Udaipur, IIT Delhi
4. Mr Thomas Kuruvilla, Managing Partner Middle East & Global Board Member of Arthur D. Little
5. Mr. Suresh R Prabhu Chief Delivery Officer – Industry Verticals Persistent Systems Ltd.

THE FORMAL INAUGURATION OF THE BATCH OF 2021-23 IN ONLINE MODE

The batch of 2021-23 of the MBA program was formally inaugurated on 18th October, 2021 by Ms Anjana K.R, TCS,



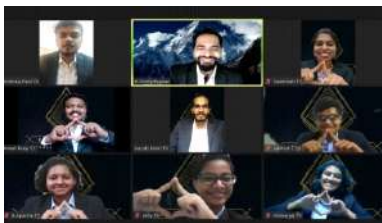
Bangalore. Dr Anitha P, chairman, Dr. Manoj George, TPrincipal, Ms. Anjana K.R., General Manager- Human Resources & Head-TAG, BFSI, Tata Consultancy, Dr C. Sheela, Vice Principal, Dr Mini P.R, dean Academics. Dr Joshua AJ Director-FBS, Mr N.T. Thomas, PTA president and Dr Delma Thaliyan spoke on the occasion.

ORIENTATION AND INDUCTION PROGRAMME FOR BATCH OF 2020-22

The MBA batch of 2020-22 had started their course in a completely online mode during the pandemic and it was towards the end of the first semester that they were required to come to the institute. During the period of the first internal exam, they were given an Orientation and Induction program by Pragmatix Group in August 23-25, 2021 over two full days. It was designed to help the students with their learning and maximizing their opportunities to start forming a network with their classmates and batch mates and build long term relationships.

PERSONALITY DEVELOPMENT TRAINING-1

As an initiation to the placement training activity that is to be spaced over four semesters, the students of S2 MBA (2019-21) BATCH received an introductory program to start improving their attitude and readiness. It was called VERTICAL EYEMPOWER Persona Enhancement Program (Blended Learning Workshop) and it was conceptualized and delivered by accepted training vendors of FISAT, VERTICAL EYE (Mr. Krishnakumar and Mrs Mridula) who have been



consistently delivering training to BTech batches of students over the past seven or eight years. It was held from August 8-14, 2021. The Vertical Eye program aims to build up the employability competencies of the students with respect to effective Soft Skills so that it compliments with the institutions' core strength in academic excellence.

PERSONALITY DEVELOPMENT TRAINING-2

The excellent success of the Vertical Eye Program for personality enhancement that was delivered to S2 students was also delivered to the S1 students (2021-23 batch) from October 31 to November 14, 2021. MPOWER Persona Enhancement Program (Blended Learning Workshop for First year MBA Students) Deliverables

INDUCTION TRAINING

An introduction to what the industry expects from an MBA BATCH OF 2021-23 in the present COVID environment and how management entrants are expected to perform in a rigorous environment is important. The organisation ISTD (Indian Society for Training and Development) Kochi Chapter conducted a three day training program from 23-25 September 2021 with experts from the industry. Interactive sessions followed speaker communication with students posing a lot of questions and points of discussion.

The eminent speakers for the sessions included



Mr. Dinesh Thambi
VP & Head, Kerala
Operations, Tcs



Dr K.A. Zakkariya,
Dduk, Cusat



Dr. Smarty M,
Resource Person,
Istd



Mr. P.T. George, VP,
V Guard Industries



Mr. Biju Neelambaran,
Assure Earth

5 DAY MICROSOFT CERTIFICATION TRAINING

A five day training for each batch of the Junior section was carried out by the Chief Trainer and Instructor: Jomon Joseph, also proprietor of the Strategist from October 31st to November 14th 2021. Of a duration of 40 hours it measures competency in the fundamentals of creating and managing work sheets and workbooks, creating cells and ranges, creating tables, applying formulas and functions, and creating charts and objects. 118 students qualified for the 2019 certification with more than 15 students making it to the 90% percentile.



TALKS AND CORPORATE INTERACTIONS

PLACEMENT PREPAREDNESS TALK: DrUnniKarth G, of the Placement Cell, FISAT gave a talk on August 10, 2021 to the students of the MBA Program in their senior and junior year to provide them key reminders on how to go about acquiring their aspired positions in different organisations. It was an informative session with many pointers on how to achieve success.

CORPORATE WEBINAR: A webinar on Migration and study abroad opportunities for MBA Graduates was done on September 1, 2021 by GEEBEE Associates to brief the students on how they could pursue studies abroad. Ms Aleena Shebin was the resource person



CORPORATE TALK: The dynamics of Indian Banking: A seminar by Mr. Mohana chandran KR was held on 23 November 2021 to enable

finance students get a better understanding of the finance system and banking operations. It was well attended and questions were posed and doubts clarified\

CORPORATE TALK: A Talk on the GIG economy was held by Mr. Sujith Kattathara Bhaskaran on December 11, 2021. Management expert and Consultant. It was well received by students who had a lot of questions for the same.



ALUMNI INTERACTION: This was a talk by MrJesto Raphael on November 20th, 2021 who was an alumni of the batch of 2018-20. He gave a clear idea to students on what

was expected of them from recruiters. It was well received by students

CORPORATE SOCIAL RESPONSIBILITY AND ENVIRONMENTAL INIATIVES BY FBS

NIRAKOOTU: on October 2, 2021, students of FBS visited Snehakoodu at Aluva to decorate and brighten up the walls and décor with paint and to clean the environment for the inmates, by brightening the walls. Inaugurated by Shri Anwar Sadath MLA, 15 students made us proud with their efforts. Dr Sindhu George guided the group. Planet Earth was associated with them.



RENASCESENCE2.0 : this was an attempt by students to fulfill Gandhiji's vision of a new India with an attempt to clean up a park surroundings in Malayattoor with the support of the local governance and panchayath members. It was well received with the hard efforts of Dr Delma Thaliyan.



SOCIAL RESPONSIBILITY AND SUSTAINABILITY BY ACTION-FBS STUDENTS TAKE TO THE SEAS

FBS students have gone the extra mile by the the Street play event held in asso-



ciation with Plan@ Earth at Munambam Harbour to highlight dumping of waste in the oceans and the harm caused to the plant and animal life as a result of irresponsible fishing practices on November 16, 2021. Demonstrated as a street drama with the active participation of the harbour officials and panchayath members, they were able to create a positive impression. Congratulations to Dr. Sindhu George and Dr. Delma Thaliyan for spearheading the activity.

KARMA: STUDENTS INTRADEPARTMENTAL FEST

The much anticipated intra management fest of Fisat Business School 'Karma' came into action on 18 and 19 of Decem-



ber 2021. The formal inaugural ceremony was graced by the presence of Mr Sooraj, Co-Founder of Planet@Earth, Dr. Joshua , Director of FBS , Dr. Manoj George Principal, FISAT , Dr C. Sheela, Vice Principal , FISAT and Dr Mini P.R, Dean Academics. Life and Soft skills management was conducted by Mr Sooraj Abraham. The games , Flash Mob 'Talent Scan,musical performance, management games were the activities of Karma.

FACULTY ACHEIVEMENTS

- ◆ In the International Conference on 'Breakthrough to Excellence' held at DePaul Institute of Technology on December 9-10, 2021, Mr.Prashanth P John, Asst. Professor Senior Grade was awarded 'Best Paper- DIST Excellence award. A Phd research scholar from Karunya Institute of Technology, his paper was selected out of many submissions by a Panel of experts from Business and Industry.
- ◆ Dr Dhanya Alex was selected as a resource person for the 'User Awareness Programme on National Digital Library of India and NDLI Club, FISAT on 26th June,

2021. Explaining the highlights of the NDLI and the need for institutions like FISAT to be a part of it, the program was well received by the FISAT Fraternity.

- ◆ Dr Dhanya Alex was also a resource person for Alumna Webinar 'Understanding Finanacial markets and fintechs for women Empowerment' at Vimala College Trichur held on October 20, 2021
- ◆ Mr. Praveen V, Assistant Professor, Selection Grade has taken on the responsibility of ISO Coordinator of FISAT.

PAPERS PUBLISHED

- ◆ Dr A. J. Joshua published a paper titled 'Job Satisfaction of Engineering college teachers: Before and during COVID19' in the International Journal of Advanced Research in Science, communication and Technology, Volume 10, Issue 1, October 2021
- ◆ Dr A. J. Joshua published a paper in the EPRA International Journal of Research and Development (IJRD) titled 'Organisational Support on Work engagement with special reference to Self Financing Colleges, an ISSN Numbered journal with Impact factor.
- ◆ Dr A. J. Joshua published a paper titled 'Impact of globalisation on Gender Equity 'in the International Journal of All Research, Education and Scientific Methods, Volume 9, Issue 10, October 2021
- ◆ Dr A. J. Joshua published a paper titled 'An assessment of the pioneering gender based human resource constraints that exists among IT Employees in Kerala'in the International Journal of research and analytical Reviews (IJRAR), Volume 8, Issue 4
- ◆ Dr A.J. Joshua published a paper titled 'Ethicality and acceptability of Product placement: A demographic comparison of moviegoers in Kerala in International Journal of Research and Analytical Reviews on September 27th, 2021

PROGRAMMES/ COURSES ATTENDED

- ◆ Mr. Praveen V, Faculty, Selection Grade- attended a One week National level Intercollegiate Online FDP on OBE and Blooms taxonomy organised by IQAC of RamakrishnaMissionVivekanandacentenaryCollege, Kolkata
- ◆ Ms. Amala Mary and Mr. Praveen V attended a Five day International FDP on 'Research Orientation and Data Analysis from August 13-18, 2021
- ◆ Mr. Praveen V attended a national level FDP on 'Teaching Competencies for self directed Learning'.



FISAT NDLI CLUB STARTED

A new club FISAT NDLI started. Club registration number is INKLNC44LCHHD6E. The various Programmes of FISAT NDLI club is given below.

USER AWARENESS PROGRAMME ON NDLI AND NDLI CLUB

Under the auspices of this club a user awareness programme on NDLI and NDLI Club was conducted on 26th June 2021 at 3pm through the FISAT Cisco Webex platform. 309 members attended the online awareness programme.



Dr. Parvathy R (Resource Person), Professor, EEE Dept., FISAT spoke about “National Digital Library of India” and all the aspects of NDL. Dr. Dhanya Alex (Resource Person), Associate Professor, FISAT Business School spoke about NDLI Club activities and the role of office bearers, staff and students. She also highlighted about the benefits of joining this club.

EFFECTIVE UTILIZATION OF E RESOURCES FOR AN EFFICIENT RESEARCH AND LEARNING USING FISAT DIGITAL LIBRARY

NDLI Club in association with department of Computer Science and Engineering and Central Library FISAT conducted a webinar on “Effective Utilization of E Resources for an Efficient Research and Learning Using FISAT Digital Library” on 27th November 2021 by

Venkatesh V, Manager Training, Knimbus.

ENHANCING DIGITAL LIBRARIES WITH ARTIFICIAL INTELLIGENCE

NDLI Club in association with department of Computer applications and Central Library FISAT conducted a National webinar on “Enhancing Digital Libraries with Artificial intelligence” on 29th November 2021 by Dr. Ann Baby, Assistant Professor, Rajagiri College of Social Sciences (Autonomous).

LIBRARY ORIENTATION PROGRAMME

Library orientation programme was conducted for First year B.Tech, MBA, MCA and M.Tech students. Mr. Sino Varghese, Chief Librarian conducted awareness classes.



WEBINARS ORGANISED BY LIBRARY

◆ Conducted a webinar on “Effective Utilization of e Resources using FISAT Digital Library” on 8th May 2021 by Venkatesh V, Manager Training, Knimbus.



Resource Person
VENKATESH V
 Head of Training & Development & Sr. Manager-Customer success - Knimbus

◆ Conducted a webinar on “Value of IEEE Xplore & EBSCO eBooks in Research & Career Development” on 3rd September 2021 by Nandalal T S, Sr. Training Manager, EBSCO, South India



Resource Person
Nanda Lal T S
 (BBA, M.B.A., ICD, NET & JRF)
 Sr. Training Manager - South India
 EBSCO Information Services, New Delhi

Student Chapter has been rated among the top 5 active student branches in Kerala section. Also, we have 100+ fresh IEEE Student Member registration from our SB every year and this year wasn't an exception, as this year our SB had an enrolment count of 230. We possess the following societies under IEEE FISAT SB:

- (1) Power and Energy Society
- (2) Computer Society
- (3) Robotics and Automation Society
- (4) WIE Affinity Group
- (5) Communications Society (On 26th may, our petition for the ComSoc was successfully sanctioned by the authority.)

IEEE FISAT SB EVENTS 2021

IEEE event benefits range from school students to professional teachers through events like SCICON, GEAR ON, SB KNOCKOUT & more.



Oculus: We always thrive on enlightening our members thus IEEE FISAT SB bring up "Oculus", an initiative to keep them updated about the significance of the day and IEEE PES SBC FISAT bring up "Dawn of Legends", an initiative to honour scientists who have played a significant role in power field.

WARZONE: An Intra SB cluster-based war was introduced to pave a way for members to know one another, to build their network & to develop techno-managerial skills of the members. Additionally, they learned how to work in a team unitedly.

SB KNOCKOUT: We launched an SB challenge for colleges under IEEE India Council named SB KNOCKOUT. It was a healthy battle between 30 valorous teams who tried their best to outlay the others through their technical cum managerial talents.

Codage: Codage was yet another event that helped students to enhance their coding skills and add more

knowledge related to coding.

MUDRA

MUDRA was organized to give awareness on protecting the Environment, give more knowledge & also make students think on Urban sprawl and bring



innovative ideas on the same. Under MUDRA we organized the following events: RATNA [Hunt], PRAJNA [Quiz], BHAAVNA [Idea Pitching], PRAVAH [JAM], TEJUS [Talk] with an enrollment count over 300+. As a green initiative we created a Mascot on the theme, "Go Green for the Globe". Gear On was exclusive for school students of class 8th to 12th, organized to brush up hidden talents, gain insights & develop healthy competitive skills & included competitions like Article writing, which gave students a chance to brainstorm ideas and use their creativity to come up with the best article, Drawing/Painting, Recitation. Quiz Competition boosted the students' self-esteem and increased their intellectual skills. Art From Scrap opened different perspectives of art among students and helped them enhance creativity and imagination.

IEEE DAY CELEBRATIONS

Articulo: In regard to IEEE day we conducted Articulo, an article writing competition on the topic "The Importance of technical clubs/organisations in moulding an engineer,

Tag-A-Tech: tagline writing competition which had given attendees a platform to show their creativity through a simple & impressive tagline, Homecoming an interactive meet up to reminisce about all the adventures of the student branch.

Shutter Up: A photography competition was conducted with the main idea to inspire the creation & dissemination of positive imagery.

LUMOS#2: IEEE celebrations ended with an offline hands-on workshop, LUMOS#2 on LED making under IEEE FISAT PES SBC.

DROID 2.0- A NATIONAL CONCLAVE ON ROBOTICS



DROID 2.0, a National Conclave on Robotics hosted by IEEE FISAT SB, in association with the IEEE RAS Kerala Chapter. It consists of intense workshops, project expos, webinars, hackathons, and several other competitions that provide a new level of experience and knowledge to the attendees. It comprises of two parts, where Part1 was completed virtually with an exciting range of workshops [on Home Automation, Basics of ROS, Drones and on entrepreneurship] and talk sessions Roboticists Around the World, a 5-day 5-speakers interactive virtual talk series with the world's 5 top roboticists with a count of 1300+ attendees assisted in enhancing their skills and career and Part 2 was organized at FISAT where we introduced advanced robotic technology & cantered around giving them hands-on workshops that are highly socially relevant & beneficial for the future generation, followed by hackathons to tackle these issues.

IEEE FISAT SB in association with IEEE RAS SBC FISAT organised OPTIMUS - A Voyage to Robo Lab, an interactive virtual IV by INKER ROBOTICS. The session provided a great opportunity for the participants to interact with industrial experts. They explained about different robots, their life span and the journey of implementation. SCICON, The passionate Pursuit For Knowledge put forth by the IEEE RAS SBC FISAT is a talk series. For SCICON#1 we had Prof. HC Verma, the author of Concepts of Physics. It was an interactive session where the speaker took all the attendees through the roots of physics & changed the vision of the attendees and inspired many. Attendees got a clear idea of how to approach physics in an interesting way. SCICON#2 handled by Ms Aparna P Raj was an inspiring session where the attendees were provided with a clear idea

about the benefits of the engineering profession, and the attendees responded with utmost interest.

IEEE CS Society is one of the potential SBC of FISAT with events of great advantage for the members. EPCSILON, a talk series had Mrs Bhadra Jayakumar, a young talented and cheerful personality, for it's first talk. She threw light on the chances and benefits lying before us as IEEE computer society members. She made sure everyone was aware of amenities and scholarships provided by the society. "Introduction to IEEE XTREME 15.0" handled by Mr Ketan Keshav, was an informative session that covered all the details on Xtreme. They have been conducting MIND MELD, a monthly meet of the CS members to keep them updated on the latest technologies. Women in Computing of IEEE CS Chapters of FISAT, GEC Palakkad & CE Chengannur conducted Block Encore under INFORMATYKA organized by Women in Computing of IEEE CS Kerala Chapter, was an interactive workshop that provided participants with a clear idea regarding blockchain and its best-known possibilities.

IEEE WIE AG FISAT ACTIVITIES

IEEE WIE AG FISAT successfully organized a set of events such as Don't Repeat It Challenge, Alpha Women, Her Rise Her Saga which was held in collaboration with other AG of Kerala Section as a part of WIE Week celebrations. Other events of IEEE WIE AG FISAT include an interactive talk session under STEP UP on "Women in Engineering and its benefits in IEEE" by one of the best volunteer, Ms Devika S, was an inspiring session where the participants were given a clear idea about the benefits of the IEEE and Women in Engineering group. As part of International Nurses Day under OCCULUS: CONVO, an experience talk session was organized where Lt. Seema (RTD) and Lt. Colonel Vanishree J shared their experiences, including Kargil war. The former spoke of unity to fight corona and also made us realise our nurses' grievances.

Iniciante is a talk series based on communications and technology organized by the IEEE ComSoc SBC FISAT. The

first session was handled by Mr. Dharwish Raj on the topic FigFOSS. It was an interactive talk session about the basis of Free and Open Source software, the history of FOSS, the different distros of Linux, the FOSS alternatives for different applications like Adobe photoshop and much more. Iniciante#2 helped young minds to explore coding and rebuild themselves. The session was handled by Ms. Radhika Jhunhunwala, an Associate Software Engineer at Informatica. She is a passionate young engineer who loves problem solving, following her spell “keep learning”. The theme of the talk was “Introduction to Competitive Coding” and the event.

As part of PES Day Celebrations 2021, IEEE PES SBC FISAT organized TOSS-IT, an Idea pitching competition on the theme Clean Energy, POWERPLAY, an intra SB Quiz competition & ENERXIA, a talk series with its first session handled by Mr. Varughese C.M on “Electric Vehicle Charging”. IMPERIUM organized by IEEE PES SBC FISAT was a 5-day event & had, SCIENTIA, a presentation competition, EXPERTO, a panel discussion where experts from different power & electrical engineering fields come together to discuss the future of the power field and its wide-ranging opportunities, LUMOS, a hands on workshop with real hardware on LED bulb making at Home, was handled by Mr. Abhinav Rajeev, Product Manager at DiYGuru. All the attendees were excited and active to create an item from their ordinary life on their own, PROWESA, a power based quiz, was an intra SB Quiz competition for finding brains under the Technological Concepts in Power and Energy field, HEVITRA, a virtual IV, was an inter SB Virtual Industrial Visit conducted to explore technology in a unique way. It was a virtual tour to global electrical tools and Li-ion battery producers.

IEEE ACHIEVEMENTS/ RECOGNITIONS

IEEE FISAT SB has moulded a great set of volunteers which resulted in securing 200+ prizes in inter college events. Our enthusiastic volunteers are working in 18 positions under various chapters of Kerala Section. We were in the top 3 teams in Kochi Hub War& many of our

volunteers have received prizes in various rivalries. Our Student Branch was recognized as 2nd in Chapter Presentation- Outstanding SBCand were also in the top 5 of ELEVER hosted by IEEE CS Kerala Chapter due to our pertained efforts and inconceivable abilities. Our student branch members like Mr. Akash Nambiar have received IEEE Kerala Section Outstanding YP Volunteer Award 2020 and IEEE India Council Outstanding YP Volunteer Award 2020, Mr. George Puthanangadi was selected as Outstanding Student Volunteer Award (Honourable Mention), Ms. Devika S received GHCI 2020 Scholarship and IEEE Kerala Section WiE Volunteer Award. Our SB has consistently strived to be the best. We have also received various initiative grants on seeing our efforts and dedication to do various beneficial and innovative events. This year we received following grants:

- (1) IEEE RAS FISAT SBC was awarded with Chapter initiative Grants of a sum of \$2000 by IEEE RAS.
- (2) IEEE CS FISAT SBC was awarded with \$298 from IEEE Computer Society Grants proposal.
- (3) IEEE CS FISAT SBC was awarded with \$150 from IEEE Computer Society for its 75th Anniversary Celebration.
- (4) IEEE WiE AG FISAT was granted \$400 from WiE special funding proposal.



ETHNIC DAY CELEBRATION

A pause that lasted more like a lifetime, a pause that robbed an integral part from school and college goers, a pause that no one in this world saw coming. With struggle, sacrifice, pain and patience, this pause finally ended after one year, eight months and ten days. Fisatians were walking back to their long awaited college life. This was celebrated in the best possible way with 'AARAMBHAM 2K21'. A colourful festive event named as Ethnic day was the breakthrough event that every student craved for and it became a reality on 20th November 2021.

S7 students were kind enough to plan and take initiative to bring this to shape and worked day and night to ensure that it happened. The whole college was on its toes to witness the special day. Even mother nature was kind enough to bless the day with sunny weather giving no space for rain to be the spoilsport. The stage was set to be taken by storm with the entertaining schedule that was planned. The event took place in the south quadrangle where there was a stadium-like atmosphere. A small formal inauguration by Principal Dr Manoj George was followed by a welcome address by the program convener and felicitation by management staff.

To kick off the entertainment programs S5 girls gave a wonderful and graceful performance with Thiruvathira which was followed by group dance by MCA girls both which brought back the lost spirit in every fisatian. Flash Mobs by girls and boys turned the stage upside down with the spirit hitting all time high as everyone danced like there was no tomorrow. When the crazy electrifying atmosphere almost settled down, came the much awaited film promotion team of the movie 'Michael's coffee house'. The lead actor Dheeraj Denny, a former student of FISAT EIE branch came back with memories of his college life. The full cast and crew of the film just added the icing to the event with dance and song performed by the crew members. The actors came forward and shared their views on the movie and constantly referred to the electrifying atmosphere that welcomed them. They simply couldn't ask for a better

reception. The actors took a bunch of pics and left the college to continue with its scheduled events.

The final act of the colorful day was by FISAT music band which brought up some good songs to dance and remember the day with pleasure. Not even one student or teacher had a frown on their face, it was the happiest FISAT atmosphere in a long time. With loads of pics and an extravaganza of blissful and goosebumps memories, the day ended by thanking all program coordinators for their tireless efforts to bring this event to light



BLOOD STEM CELL DONATION

FISAT students offer a unique service to support blood mercury, a deadly disease that destroys blood cells on 2nd Dec 2021. Hundreds of students have come up with a unique plan to deliver cells to cancer patients whose cells are being destroyed by blood mercury. Blood cell samples were collected from the students after raising awareness on the subject under the leadership of Chinma Madhusoodhanan and Akhila Suresh from DKMS-BMST which is a Bangalore-based voluntary organization working with the Department of Cancer care Patients. Principal Dr. Manoj George, Vice Principal Dr. C Sheela, Chief Administration Officer Vinod P Nair, NSSProgram Officers SajanS, Beenu Riju, teachers and student participated in the program.

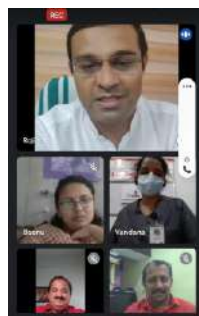
A HELPING HAND:

As part of “Gandhi Jayanthi” celebration a charity service named “Helping Hand” was organized & conducted by a group of FISAT NSS volunteers under the leadership of Mr. Sajan S and Ms. Beenu Riju. They distributed food to old people of Angamaly bus stand and railway station. The team actively worked to spread smile in the faces of poor and less privileged.



FISAT BLOOD DONOR'S CELL INAUGURATION & AWARENESS ON BLOOD DONATION:

On the occasion of world blood donor day, 14th June, FISAT Blood Donor's Cell was inaugurated by Mr. Roji M John, MLA. Dr. P Anitha, chair-man, FISAT gave the presidential address. Dr. C Sheela, Vice Principal & APJ AKTU NSS state Coordinator gave the felicitation. An awareness session on “Blood donation: A call in action” was given to all by Dr. Vandhana Sudheer, consultant Radiologist, Lourde Hospital which was followed by registration of interested blood donors. Program Officers Sajan S & Beenu Riju, Staff members & students actively participated in the event



BEAT COVID CAMPAIGN & VACCINATION DRIVE:

FISAT got recognition from Mahatma Gandhi National Council of Rural Education, Hyderabad. Department of Higher Education, Govt of India for "Beat Covid Campaign". FISAT also got appreciation for the Technical Support for Covid Vaccination drive at Mookkannor PHC. With our Support Mookkannoor Panchayath Emerged as One among the 3 panchayaths which completed 100 % Vaccination of First dose..



FIT INDIA FREEDOM RUN 2.0:

APJAKTU NSS UNIT NO. 104 & 568, FISAT in association with NEHRU YUVA KENDRA (NYK), ERNAKULAM, took part in the Fit India Freedom Run 2.0 on September 30, 2021. NSS Volunteers gathered in front of college campus & Flag off was done by Principal, Dr Manoj George. NYK Volunteer, Avani Ramakrishnan & 21 students participated in the marathon from main gate of FISAT to bus stop near FISAT arch. Dr. Abi P Mathew, HOD, EIE Department shared a message to the participants.

ENGINEERS AND THE ENVIRONMENT:

A webinar based on “ENGINEERS & ENVIRONMENT” was conducted by NSS in association with civil department, FISAT on 5th June 2021 at 5.00 PM through google meet. The talk was given by MS.ANATHITHA. A (General Manager of Ultra Tech Environmental Consultancy). The webinar explained about the connection between the engineers and environment & about 80 students attended the webinar.

BHOOMI 2021:

As part of observing World Environment Day, on June 5 2021, NSS cell of FISAT (unit 104 & 568) conducted various competitions. A drawing & photography competition was conducted with nature as the main theme & various activities like planting a tree, cloth bag making were conducted to spread awareness about the importance of nature and the need to preserve it.

THALAM 21:

In accordance with World Music day, a state level competition was conducted by FISAT NSS Unit No.104 & 568. About 150 students from various Schools & Colleges actively participated in “Solo Instrument competition” & “Music competition” which was conducted through online on 21-6-2021.



OZONE FOR LIFE:

APJ AKTU FISAT NSS UNIT NO.104&568, initiated by NRPF UNIT conducted an online quiz competition on the topic 'ozoneforlife:35years of ozone layer protection' on 16thSeptember 2021 on the behalf of ozone day celebration.130+ participants from various colleges participated in the competition.

INTRERNSHIP ON OPEN STREET MAPPING:

A 5 day internship program on Open Street mapping for FISAT students was conducted from 5th July to 9th July 2021 by FISAT NSS in association with KERALA IT MISSION. Jasmy Maria was the resource person & 25 Students successfully completed the OSM Geo Mapping Internship.



ENGINEER'S DAY: QUIZ CONTEST

An online quiz contestbased on “ENGINEER'S DAY-2021”was conducted on 15th September 2021 for FISAT students. 114 students participated in the event. The quiz was conducted by the NSS executive committee members under the guidance of NSS program Officers.

AHIMSA 2021:

Each year the International Day of Peace is observed around the world on 21 September. The UN GeneralAssemblyhasdeclaredthisasadaydevotedto strengtheningtheidealsofpeace,throughobserving24hoursof non-violenceand cease-fire. On International Day of Peace, September 21st NSS cell of FISAT (unit104&568)

conducted a poster making competition which was open for all. The competition was centered on the topic "AHIMSA" or Non-violence. Winners of the competition were provided with cash prize. The competition was well received and was successful in spreading the message.

BLACK SWAN TECH TALK:

APJ KTU NSS Unit of Federal Institute of Science and Technology, Angamaly conducted a Tech Talk based on “BLACK SWAN” on 27th September 2021 at 6:45 pm to 8:00 pm through



google meet for FISAT students and teachers. The event was inaugurated by the HOD of civil department Dr. Jiji Antony. The speech was done by ER. Nanma Gireesh (co-founder, Nest Abide Translational civil engineer| TEDxspeaker| Licensed civil engineer A grade under Kerala urban Affair Department).

INTERNATIONAL GIRL CHILD DAY:

The NSS Unit of FISAT conducted a quiz competition on the occasion of International Girl Child Day which is celebrated on 11th October in order to state the importance, power and potential of girls around the world and focuses attention on the particular problems they face. The quiz was conducted through google form at 6pm. The time allocated for the participants was 15 minutes. FISAT students actively participated in the event & bagged prizes.

WEBINAR ON ANEMIA CONTROL& PREVENTION:

APJ KTU NSS units of FISAT & SCMS College of Engineering jointly



conducted an awareness class on “ANEMIA CONTROL & PREVENTION” in association with ICDS Angamaly. The speech was given by Dr. Megha Thampy (Asst.professor,Dept.ofHome Science, Morning star Home Science College, Angamaly).

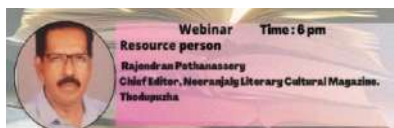
WEBINAR ON ALZHEIMER'S DISEASE:

In connection with world Alzheimer's day an awareness Programme was organised by FISAT NSS cell on 21st September 2021 through online platform. The session was handled by Dr Aparna M, NHM Medical Officer, and PHC Mookannoor. There were eighty participants..



NATIONAL READING DAY:

India celebrates June 19 as the National Reading Day in honor of P N Panicker, the father of Library and Literacy Movement in Kerala. This year marks the silver jubilee year or the 25th edition of the celebrations. The NSS Unit of Federal Institute of Science and Technology (FISAT) conducted a webinar on the occasion of this National Reading Day. The session was started by 6 pm with NSS song. Mr. Rajendran Pothanassery, Chief editor, Neeranjal literary cultural magazine, headed the session. After the 3 hr session there was a mini quiz session for the students.



PHOTOGRAPHY CONTEST:

In Connection with World Animal Welfare Day, NSS FISAT conducted a photography contest on the theme "Everyday Animals". The poster for the event was shared to the students on 2nd October along with the link to a google form through which entries were accepted. On October 8th submission of entries was closed with a total of 21 entries in total which were uploaded later on the Instagram page of NSS FISAT. On the basis of likes obtained and points given by the judging panel the winners were announced.

IPL PREDICTION COMPETITION:

As part of the Indian Premier League (IPL), APJAKTU NSS UNITS organized an IPL Prediction competition. The event started on September 19, 2021 and continued till October 15, IPL Prediction for each matches were

conducted through google forms which was circulated 30 minutes before the match. Winners of the competition were selected by checking whether the participant had correctly predicted the winning margins (Number of wickets or number of runs). This competition was open to all & also created WhatsApp group for the participants. We had an active participation for this event.

CHIT CHAT WITH RAHUL LEXMAN (FISAT ALUMNI):

An Alumni interaction was conducted with Mr. RAHUL LEXMAN on Saturday October 16 2021 at 7PM IST in Google Meet platform. Rahul Lexman was the 1st runner-up of Idea Star Singer 2008-2009 & National winner of "SURT HARANG". He is a playback singer & performer. He is a silver medallist in PGDM.

NSS DAY CELEBRATION:

NSS Day was celebrated with great enthusiasm on 27th September, 2021 in the FISAT College with the Principal, Vice Principal, staffs, Programme Officers and NSS Volunteers of APJAKTU NSS Units. The programme started with NSS song followed by Addressing speeches. Later NSS flag was hoisted by the Principal Dr. Manoj George. Former Programme Officer Asst. Prof Tom Anto delivered his experience in his NSS period. Towards the end, mementos were presented to the best prior performers of NSS family for their great participation and contribution.



NSS ORIENTATION:

An NSS Orientation for the newly admitted NSS volunteers was given by Dr. Jai M Paul, Regional Coordinator of APJAKTU NSS Cell, Indira Gandhi National Award Winner. He provided insights into the activities & responsibilities of NSS volunteers. He also showed the works he has carried out as a Program Officer & the achievements he got. FISAT chairman, Dr. Anitha P gave the presidential address followed by felicitations by program Officers Sajan S & Beenu Riju.

NSS ACTIVITIES AT A GLANCE



OZONE DAY QUIZ COMPETITION
 conducted by
FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY
 APJ AKTU NSS CELL UNIT NO. 104 & 568

WINNERS

ROSHAN RAFFEQUE
 AMRITHA R
 ADITHYA NARAYAN

കേരളത്തിലുടനീളം രക്തദാന റേ ഫിസാറ്റ് എൻജി. കോളജ്

അങ്കമാലി: കേരളത്തിലെ എല്ലാ ജില്ലകളിലും രക്തദാന കൂട്ടായ്മയുമായി അങ്കമാലി ഫിസാറ്റ് എൻജിനീയറിംഗ് വിദ്യാഭ്യാസ കേന്ദ്രം അല്ലെങ്കിൽ ഫിസാറ്റ് എൻജിനീയറിംഗ് ഫിസാറ്റ് ബ്ലഡ് ഡോണേഷൻ സെൽ രൂപീകരിക്കുന്നത്. ഇത് പദ്ധതിയുടെ ഉദ്ദേശ്യം പരിപൂർണ്ണമാക്കും.

ഫിസാറ്റ് കോളേജിന് റോജി എം. ജോൺ എം.എസ്.എസ്.എസ്. കൂട്ടായ്മയോടൊത്ത് ഫി. അനിത അധ്യക്ഷത വഹിച്ച് സെൽ ആൻഡ് പ്രസിഡന്റ് അംഗങ്ങളെ നിയമിക്കാൻ തയ്യാറുള്ള പദ്ധതിയെ അംഗീകരിക്കുകയും ഫിസാറ്റ് എൻജിനീയറിംഗ് കോളേജിന്റെ റോജി എം. ജോൺ അധ്യക്ഷത വഹിച്ച് സെൽ ആൻഡ് പ്രസിഡന്റ് അംഗങ്ങളെ നിയമിക്കാൻ തയ്യാറുള്ള പദ്ധതിയെ അംഗീകരിക്കുകയും ചെയ്തു.



രക്തദാനബുദ്ധിമുട്ടിന് കൈത്താങ്ങാകാൻ വേറിട്ട സേവനമൊരുക്കി അങ്കമാലി ഫിസാറ്റ് വിദ്യാർത്ഥികൾ

അങ്കമാലി: രക്തദാനം കേവലം രക്തം നൽകുന്ന ഒരു കാര്യമല്ല. രക്തം നൽകുന്നതിന് മുമ്പ് രക്തം നൽകുന്നതിന് തയ്യാറാകേണ്ടതാണ്. അങ്കമാലി ഫിസാറ്റ് എൻജിനീയറിംഗ് കോളേജിന്റെ റോജി എം. ജോൺ അധ്യക്ഷത വഹിച്ച് സെൽ ആൻഡ് പ്രസിഡന്റ് അംഗങ്ങളെ നിയമിക്കാൻ തയ്യാറുള്ള പദ്ധതിയെ അംഗീകരിക്കുകയും ചെയ്തു.

CONGRATULATIONS
 POSTER COMPETITION
 WINNERS:

ADITHYA NARAYAN
 AMRITHA R
 ADITHYA NARAYAN

ദേശീയ 2021 SNAPTIT WINNER

Nizamudeen Akbar
 Asst. Prof. S & IT Dept.

Joju Jose
 SA CS

Congratulations

ADITHYA DILEEP
 ARSHA M JOBY
 DREAMA PAUL

Quiz Competition
 International Girl Child Day

FISAT
 Federal Institute of Science & Technology
 APJ AKTU NSS CELL 104 & 568

ദേശീയ 2021 CONGRATULATIONS!

Annual Rajin
 C.A. SA

WHO WILL WIN IPL?
 IPL PREDICTION
 From Today Onwards
 ON NSSTCFISAT
 SOCIAL INSTAGRAM PAGE
 @nsstcfisat

FISAT
 FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY
 APJ AKTU NSS UNIT NO. 104 & 568

INAUGURATION OF "FISAT BLOOD DONORS CELL" on World Blood Donor Day
 14th JUNE 2021 @ 03:00 PM

SH. ROJI M JOHN
 DR. ANITHA P
 DR. SHEELA
 DR. JOY MYRANPSE
 DR. VANDANA S

QUIZ
 ON 15 SEPTEMBER 2021
 FROM 7:00PM - 7:15PM VIA GOOGLE FORM

PHOTOGRAPHY COMPETITION
 OCTOBER 4
 WORLD ANIMAL WELFARE DAY

winners

Sidharth V Nair
 S4ECE

Jayadev G
 S4ECE

Adharsh Satheshan
 S4EEE

Antony Jay
 S4EI

Designed by MULTIMEDIA CENTRE, FISAT