VISION

➢ Evolve as a leading technology institute to create high caliber leaders and innovators of global standing with strong ethical values to serve the industry and society.

MISSION

➢ Provide quality technical education that transforms students to be knowledgeable, skill, innovative and entrepreneurial professionals.

➢ Collaborate with academia and industry around the globe, to strengthen the education and research ecosystem.

➢ Practice and promote high standards of professional ethics, good discipline, high integrity and social accountability with a passion of holistic excellence.

Chairmans Message

We are undergoing an unprecedented global predicament Covid-19 pandemic for the last one year. It significantly affected our lives and taught our society many diverse lessons. It is appreciated that our students have shown great sense of understanding as we take new approaches to learning and teaching. Also our staff and students have shown their determination to contribute to the society by helping the needy. I am proud to say that Sahrdaya has proved its holistic excellence even in the midst of this pandemic situation. Human race has experienced many challenges in the past and has always come out of it. So this can be a situation to make each individual to be stronger and better. Here is yet another issue of the college newsletter "Techno Beads". I wish "Sahrdaya soar high" in the fields of quality education such as academics, research, sports and extra-curricular activities. We can take strength from each other as we continue to work together at the time of this crisis. Best Wishes...

Mar Pauly Kannookadan
Bishop of Irinjalakuda Diocese

SPECIAL EVENTS & ACHIEVEMENTS

◆ The faculty members of Biomedical Department have been appointed as technical experts by the District Disaster Management Authority to visit eight hospitals under its jurisdiction and give reports regarding the preparedness of the hospitals for the third wave of Corona and give their recommendations to improve the overall functioning of the hospitals. They visited the hospitals from 5th to 9th July 2021 and made a detailed study on the working and maintenance of biomedical equipments.

◆ EvelineDurom of BME-2021batch won WhyHackHackathon conducted in connection with Women Start Up Summit for solving AI problems by TCS. She was selected for interaction with the Honourable Chief Minister of Kerala Sri PinarayiVijayan on 1/2/2021.

◆ Our Biotech Alumni, Mr. Najeeb Haneef's start up fostered under IEDC scheme of Kerala start up mission has bagged an investment of US $10 million, from the UAE based TCN International commerce for his project titled Algae-seaweed technique under the brand B-Lite. Congratulations. A function is arranged to honour him. Chairman Bishop Mar Pauly Kannookadan presided over the function.

FAREWELL

Prof. K. T. Joseph
Advisor, SCET

Rev. Fr. Joby Menoth
Media Director, SCET

WELCOME

Rev. Fr. Chacko Kattuparambil
Media Director, SCET

Our Deepest Condolences

Mr. Balan Ayyappan
Sr. Admin Executive, SCET

◆ As Kerala battles Covid-19 pandemic which has been wreaking havoc across all sphere, our Faculty, staff and management together offered a helping hand by collecting a sum of Rs. Ten lakhs to buy lifesavingequipments and kits to St.James hospital and needy people.

പ്രതിരോധ പ്രവർത്തനങ്ങൾക്ക് സഹൃദയ കോളേജിന്റെ കൈത്താങ്ങ്

● കോവിഡ് പ്രതിരോധ പ്രവർത്തനങ്ങൾക്ക് സഹൃദയ കോളേജ് സമാഹരിച്ച തുക ബിഷപ്പ് മാർ പോളി കണ്ണൂക്കാടൻ കൈമാറുന്നു

Techno Beads

SAHṚDAYA NEWS & VIEWS

- The NSS unit, 589 of Sahṛdaya college of Engineering and Technology had organised a road safety rally accompanied with a flash mob in coordination with KodakaraJanamaitri police at Kodakara junction on 1st March 2021. The session was inaugurated by CI, Basil Thomas(Kodakara police station), presidential address was delivered by Rev. Fr. George Pareman (Excecutive Director SCET, Kodakara) and Felicitation was given by Dr.NixonKuruvilla (Principal SCET, Kodakara).

- Webinar on Implementation of National Education Policy 2020 by Dr K. Subramanian, Founder Creator of National Informatics Center, Ministry of Communications and Information Technology was organized by IQAC, Sahṛdaya on 6th May 2021

- The following faculty members are selected to the Board of Studies by the APJ Abdul Kalam Technological University, Thiruvananthapuram.

Dr. Nixon Kuruvila
Principal

Dr. Leon Ittiachen
Professor, BT

Dr. Remya George
Asst. Professor, BM

- Student Entrepreneurs(Key thin bio plastic women start up) with 4 students from Final year BT(Anugraha V I & Sancy Maria Jensen) has selected and successfully completed SEED Starter program, an international joint initiative by UN Development program and international Union for conservation for Nature

- A KTU sponsored three days online Faculty Development Programme on "Biosensors in point-of-care diagnostics: strategies and implementation" was organized by Department of Biotechnology and Biomedical Engineering, SCET from 19th to 21st April 2021.

- A KTU sponsored Five days online Faculty Development Programme on "Deep Learning of Signal Processing -Basics to Implementation" was organized by Department of Electronics and Communication Engineering, SCET from 26th to 30th April 2021.

- EEE Department has conducted the Online KTU FDP on 'Recent trends in Electric Vehicle and System Design' from 7th to 9th June, 2021

- KTU sponsored FDP "Embedded Systems and IOT in Biomedical Applications" was organized by Department of Biomedical Engineering, SCET from 12th July 2021.

- A KTU sponsored Five days online Faculty Development Programme on "Outcome Based Education and Assessment" was organized by Department of Electronics and Communication Engineering, SCET from 26th to 30th July 2021.

- Virtual Arts Day - SYMPHONY 2K21 was conducted on 15th June 2021

- Alumni Sponsored 40 Hours Training Programme on APTITUDE SKILLS was conducted for 2018-2022 Batch
- ADIEU'21: Virtual Send-Off was conducted for 2017-21 Batch Students
- The following members are awarded the degree of Doctor of Philosophy (PhD) in this period

Dr. JosephJestin
Librarian

Dr. Praveena P
Asst. Professor, BT

Dr. Silpa P A
Asst. Professor, ECE

HR & PLACEMENT CELL

- JobelJohny of CSE got selected to Infosys as Systems Engineer Specialist through HackWithInfy 2020.
- 02-Jan-2021: Two students of Biomedical got selected by ZifoRnD Solutions for the post of Associate Analyst .
- Mahindra Naandi as part of their CSR recommended by KTU offered free Placement training on soft skills as well as on technical skills for students of EC, CS & EEE programmes. Seventeen students were selected for this program from our college.
- Quest Global conducted online recruitment for 2021 graduates ECE & CSE students on 15-Jan-2021. Five students got selected.
- Sutherland conducted online recruitment for 2021 graduates for all branch of studies on 19-Jan-2021 . Eighty Six students got selected for the post of "Associate".
- UST online recruitment for 2021 graduates of CSE, ECE & EEE was conducted29-Jan-2021. Fifteen students got selected.
- Wipro Elite National Talent Hunt - the online recruitment for ECE, CSE & EEE 2021 graduates was conducted on 29-Jan to 31-Jan 2021.
- Experion Technologies have selected 5 students of Computer Science 2021 graduates on 05-Feb-2021
- Agappe Diagnostics conducted campus recruitment for BM,BT& EC 2021 graduates on 10-Feb-2021. Two students got selected.
- A webinar was conducted on "Study,Work and Live in Europe" 2010 batch Alumni Mr.Anish , which was organized by Placement Cell and SECAA on 12 Feb 2021.
- Infosys conducted online recruitment for 2021 graduates for all branch of studies on 21 Feb 2021. Twenty One students got selected.
- Mitsogo conducted online placement drive for 2021 year passout of all branch of studies on 27-Feb-2021. Two students got selected.
- IBIS conducted their campus recruitment for 2021 CSE,BME and BTE graduates on 17-Mar-2021. Three students got selected.
- 03-Mar-2021: A webinar was organized by Placement Cell on "Global Career Opportunities and Higher Education Abroad " in association with EazyLink academy for final year students.
- PoornamInfovision conducted online recruitment for 2021 graduates ECE & CSE students on 24-March-2021. Nine students got selected.
- Capgemini conducted online recruitment for biomedical 2021 graduates on 24-March-2021 and for 2021 CSE,ECE and EEE graduates on 07-May-2021. Three students got selected.
- Amerigo conducted an online recruitment for 2021 Civil graduates on 17-Apr-2021.

- 14-May -2021: Byju's conducted online campus recruitment for 2020 graduates of all branch to the profile of Student Success Specialist with a salary package of 6 lakhs. Two students got selected.
- Think Palm Placement online recruitment was conducted for2021 CSE, ECE and EEE graduates on 19-May-2021.
- RapidValue conducted online recruitment for 2021 CSE and ECE graduates on 21-May-2021. One student got selected.
- 21-May-2021: Qburst conducted online recruitment for 2021 CSE and ECE graduates. Two students got selected.
- Placement Department in association with CGP career avenues is arranging a one hour Career Guidance Session today for all students on the topic" What after B.Tech?" on 28-May-2021.
- 01-Jun-2021: VVDN conducted online recruitment for 2021 ECE and EEE graduates. One student got selected.
- 19-Jun-2021: Nuchange Informatics conducted online recruitment for CSE 2021 graduates.
- M.Tech final year attended Federal Bank recruitment on 04-Jun-2021.
- Jobin and Jismi conducted online recruitment for 2020 graduates ECE and CSE students on 10-June-2021.
- 12-Jun-2021: CSS Corp is conducting recruitment drive for the post of Technical Support Engineer for all branch of B.Tech students.
- Interland Technologies conducted online recruitment for 2021 CSE graduates on 23-Jun-2021. Six students got selected.
- Meditix, a Biomedical company conducted recruitment for 2021 Biomedical graduates 12-July-2021. Eight students got selected.
- PKJ Technologies conducted online recruitment for 2021 of all branch of studies on 16-July-2021.
- Carestack conducted online recruitment for 2021 graduates of all branch of studies on 19-July-2021. Nine students got selected.
- Graduate Aptitude Test in Engineering (GATE), a National level examination, jointly organized by Indian Institute of Science (IIsc) Bangalore and seven IITs is being conducted during 5th to 7th February 2021 & 12th to 14th February 2021.190 final year students of our college are appearing for the examination. Gate 2021 result is published.Total 9 students got qualified from our college.
- As part of International Yoga Day, UHV (Universal Human Values) Cell of our college has arranged a webinar for staff and students on the topic ' " Importance of Yoga and Meditation " by Dr. Sandhya K Ramakrishnan, Sahajayoga Ex State co-ordinator & facilitator.
- ASH department has conducted one week training"Fusion 360 & 3D Fabrication" for 2021 batch students.
- In collaboration with Admission Cell, ASH department has conducted "KEAM Crash Course 2021" for higher secondary students

Total no. of eligible students	Total no. of students placed	Total no. of students pursuing Higher Studies	Total no. of placement offers	Total no. of placement offers	Total Percentage of Placements from eligible students
210	178*	11*	242	47	90% *

- Ongoing

PRIZES SECURED IN PROJECT COMPETITIONS

- Final year project of 2016-2020 batch under the guideship of Dr.Remya George with student members Ms.Mariah Thomas Mampilly, Ms. Edina Prakash, Mr.HaroonImshad R, and Mr.Nidhin ET is decided to be converted as a product by IBIS Medical Equipment & Systems Pvt Ltd. Ms. Mariah Thomas Mampilly has been offered an internship opportunity at IBIS with a stipend of Rs. 10,000.
- Sreerag P.S, Noil Davies and Amarnath P.S of S6 Biomedical Engineering were the winners for the National Technology Day Event conducted by IEEE Student Branch, Sahrdaya College of Engineering and Technology
- AnjanaDivakaran, Minsha M.Z, Sreeraag P.S and Greeshmavarghese of S6 BM under the guidance of Ms. Sony N.S secured a best paper award for the paper titled "Video Based Gait Analysing System" for the session Biosensor Technology at the

First International Conference on Biomaterials and Biosensors Technology organised by Bannari Institute of Technology, Sathyamangalam, Tamilnadu on 12th March 2021 through online platform.

- The BM project team consisting of Gipso P Ginny, Anusree K U, Adwaithsen, and Krishna Priya S secured third position in the National Level Project Presentation organized by Industrus Tech on 28th June 2021. The title of the project is "Early Disease Detection by Nail Image Processing" and guided by Mr.Kiran Philip Issac of BM Dept.
- S8 Project title 'Flood Inundation Mapping using HEC-RAS and its Disaster Management Applications' guided by Ms.Reshma Antony secured the Best Oral presentation award in the International Conference on Innovations in Civil Engineering - ICICE'- 21

TECHNICAL ASSOCIATIONS

EBSA (BME ASSOCIATION)

- The Department of Biomedical Engineering in association with K-DISC, IEEE EMBS, Medical Devices Innovation Consortium (MDIC) and APJ Abdul Kalam Technological University conducted an online panel discussion on "Changes in Medical Device Industry and Regulations in the last five years" inculcating eminent personalities from regulatory bodies and industrial experts on 14th January 2021.
- The Alumni and Faculty Members at Department of Biomedical Engineering instituted an Award named " Best Biomedical Evangelist Award" to recognise a final year B.Tech BME student who made voluntary contributions towards the promotion of Biomedical Engineering and the department, during his/her studies at Sahrdaya. The prestigious Best Biomedical Evangelist Award winner for the year 2021 is Ms. Soji Anna Saji from S8 BM.
- Fluke Biomedical company conducted a hands-on training session on Electrical Safety Analyzer on 19th January 2021 to the staff of the BM and EEE Department.
- An add- on talk on Computational Methods in Biomedical Engineering was conducted by Ms.Minimol, HOD and Professor, Electronics and Biomedical Department on 29th March 2021.
- A talk on placement and career was conducted on 16th April 2021 by Mr. Sujith, Managing Director & C E O, Ibis Medical Systems for final year and pre final year students.
- The Department of Biomedical Engineering in association with the Sahrdaya Engineering College Alumni Association conducted an alumni talk by Ms. Ida Baby (2009-2013 batch) currently working as an Software Integrator and Application Engineer at Porshe Engineering on 8th May 2021
- CoreEL Technologies, Bengaluru in association with Sahrdaya College of Engineering conducted an Add-On Certification Course on "MATLAB Fundamentals" on 23rd March 2021
- The Engineering Biomedical Students Association (EBSA) of Sahrdaya College Of Engineering and Technology conducted 'Art Amour', a drawing competition on 19/5/2021.
- Healthcare Engineering conducted a free webinar to BME students and faculty on Modern Concepts in Healthcare Technologies on 8th January 2021.

BEATS (BT ASSOCIATION)

- Dr. George Thottappilly Memorial Lecture 2021 (jointly organised by Dr. George Thottappilly Memorial Trust & SCET, Kodakara) was organised on 24th April 2021. The resource person was Dr. Sreenivas Chavali, Assistant Professor, Department of Biology, IISERTirupati. He delivered a talk on the topic: Repeat to reap it: Systems-level understanding of the role of amino acid repeats.
- Online Quiz On NCERT Biology was conducted on 8th May 2021 for +1 & +2 Students.
- Alumni Interaction & Technical talk was organised by the Dept. of Biotechnology in association with Sahrdaya Engineering College Alumni Association(SECAA)

SAHṚDAYA NEWS & VIEWS

on 15th May 2021. Dr. Krishna Radhakrishnan (Alumni- 2003-2007), who is the Medical Affairs Manager Women's Oncology, Glaxosmithkline, Singapore, delivered the talk on the topic "From Biotechnology to Nanomedicine and Medicine".

- Pencil Drawing Competition was organized by the BEATS Association, SCET for the students of classes 9th - 12th. It was based on the theme 'Reduce, Reuse, Recycle'.

- A Webinar on 'POST-COVID ERA: ROLE OF BIOTECHNOLOGISTS' on 14th June 2021 for Higher Secondary students. The talk was delivered by Dr.MidhilaPadman, Assistant Professor, Dept. of Biotechnology, SCETKodakara.

- Merrin John, S8 BT, has participated and presented a paper titled "NANOSPONGES; Anovel emerging drug delivery system" in the international virtualconference "Recent Innovations in Science & Technology" conducted on 19th & amp; 20th June2021, organized by Ernad Knowledge City Technical Campus, Malappuram.

EMAGE (ECE ASSOCIATION)

- Five days boot camp on AI & Python Conducted by Department of ECE Supported & Sponsored by IEDC Hardware 29,30,31 March,April 5,6 2021.

- Outreach program on Robotics and Android Development by EMAGE in association with Hardware Club was conducted on 29 and 30 March 2021 for higher secondary students.

- Alumni interaction was conducted by Mr.JainoK.M, TechnicalLead, Wipro, Cochin passout for students of 2017-21 batch on 12/04/2021.

- Arduino Basic Workshop by EMAGE in association with Hardware Club was conducted for SCET students from 14/05/21-15/05/21.Total of 297 students participated.

- Department of Electronics and Communication Engineering conducted an online summer coaching camp on Electronics and Artificial Intelligence exclusively for higher secondary students from 17th to 22nd May 2021.

- Gate Orientation and Demo class by ONES Academy, Kollam was conducted for 2019-23 batch on 02/06/2021.

- A peer to peer workshop on "Working with LaTex in Overleaf" by Adlee Xavier of 2018-22 batch was conducted on 03/07/2021.

- Alumni interaction was conducted on the topic Enhancing employability by Ms.Amala Jude, Project Coordinator, ClaySys Technologies by Ms.amala Jude,2019 passout for students of 2018-22 batch on 05/07/2021.

- Patent was filed for the project title Photofinish implementation using multiple low cost cameras of Christo P.B,Savanth K S, Ajith Warrier and Ajay Jose guided by Dr. VishnuRajan on July 2021.

- Christo P B of S7 ECE developed a medical coding android application for INDUS Medical coding

- Gregory C & Christo P B (S7 ECE) served as interns at Devaditekstartup company.

- Serene Babu (S7 ECE), Salini (S7 ECE) served as an interns in industrus tech and worked on a project flipbuy.

- 23 students of ECE completed various NPTEL certifications, with 2 students having Elite silver grade, and 8 students with Elite grade

- Total online courses taken by students during lockdown period: 300+

- Online Talent hunt competitions are conducted for students to showcase their talents in technical and cultural events

- Fabius S Thottapilly,EmmanuelDavis,Grigary C Antony and Ajay Jose has presented a paper on Unseen Abyss:Implementation of pothole detection using Machine learning at 3rd International conference on Intelligent Computing,Information and Control systems ICICCS 2021 at CARE college of Engineering,Trichy on 2nd and 3rd July 2021.

ACES (CSE ASSOCIATION)

- Mr. Willson Joseph and Mr.Scaria Alex in association with ACES organised a Python workshop for school and college students on May 26,27 and 28 2021.

- Online introduction session on "How to register,learn and improve coding skills through InfyTQ and HackWithInfy" is conducted on 25 March 2021

- Webinar on "Core Job Opportunities for Computer Science & Engineering Students". (2021-May-07) is conducted. Resource Person: Mr. Rajesh Sasidhar (Admin Manager:CGP Career Avenues)

- Photography Competition on topic BREAK THE CHAIN for SCET Students and Higher Secondary Students on 122 May 2021

- NirmalRam(2016-2020) full stack developer ,freelancer addressed the second year students of CSE on 26th April 2021 on the topic Importance of Python Programming.

- Mr AkhilDev(2016-2020) addressed the second year students of BME,BTE,CE,EEE,ECE on 26th April 2021 on the topic Recent trends in Python Programming.

PACE (CE ASSOCIATION)

- Online workshop on 'Technical writing' was conducted for the sixth semester students (2018 batch) on 26/4/2021. The speakers were Mr.Ciby Jacob Cherian and Ms.Haritha C R, Assistant professor(s), Dept. of Civil Engineering. SCET

- Expert Lecture Talk (Online) on "Application of Geographical Information System (GIS) in Civil Engineering Projects" was conducted for the sixth semester and fourth semester students (2018 and 2019 batch) on 03/05/2021. The speakers were Ms.Reshmi K and Ms. Anjali M Nair (Senior Faculty, Centre for Geo Information Technology, Thrissur)

- Expert Lecture Talk (Online) on "Investigation of sustainable water use and water scarcity in India" was conducted for the eighth semester students (2017 batch) on 04/05/2021. The speaker was Dr Naveen Joseph (Post-Doctoral Fellow Idaho Water Resources Research Institute University of Idaho, USA

- Alumni interaction was conducted for the eighth semester students (2017 batch) on 11/05/2021. The speaker was Ms Athulya Philo Joseph, Software trainee, Infosys Aluminus, Batch 2015- 2019

- 'Talk on OBE was conducted for all students of Civil Engineering on 28/05/ 2021. The speakers were Ms Remya P M, Ms Sujana, Mr Akhil S Nair and Mr Ciby Jacob, Assistant professor(s), Dept. of Civil Engineering. SCET

- Training session - 'Basics of Python' was conducted for fourth semester students (2019 batch) on 03/06/2021. The speaker was Mr. C Willson Joseph, Faculty of CSE Department, Sahrdaya College of Engineering & Technology.

- Webinar on "Construction of Kannur International Airport - A Case Study" was conducted for 4th semester and 6th semester students (2018 and 2019 batch) on 04/06/2020. The speaker was Malavika S, Research Scholar, College of Engineering, Pune

- Online quiz on 'Natural disasters' was conducted for the plus two students on 05/06/2021 in connection with world environment day

- Webinar on' "Exploring possibilities in Civil Engineering" was conducted for plus two on 26/06/2021. The speaker was Neeraj C R, PhD Research Scholar, Indian Institute of Technology, Palakkad, Kerala

- Webinar on "Opportunities after GATE" was conducted for 4th semester and 6th semester students (2018 and 2019 batch) on 26/06/2020. The speaker was Er. Anith T Ajayghosh, Director, ONES

AESON (EEE ASSOCIATION)

- A webinar on Grid Modernization and Evolution of Smart Grid is conducted by Dr Nithin S, Assistant Professor, Amritha School of Engineering Coimbatore on 25/09/ 2020

- A webinar on Opportunities after BTech in Electrical and Electronics is conducted by Mr Prasanth K G, Junior Engineer, Indian Railway on 26/09/2020 for Electrical students.

- Adv Mohan Raj TP , Associate Advocate, High Court of Kerala conducted a webinar on Cyber Laws on Indian Youth on 30/09/2020.

- A webinar on Opportunities and add on courses for EEE by Prof Adil Nasser, College of Engineering Kidangoor, is conducted on 09/10/2020 for S7, S5 students and 2020 passout batch
- An Online Quiz Competition "Spark Test " for +1 and +2 students is organized by the Dept. on 5th February 2020
- An Online Reasoning Competition "King of Reasoning" is organized for +1 and +2 students on 21 st May 2021
- Department of EEE conducted an event "Hands on Training on Resume Writing Using Latex" by Mr Adarsh S R , Assistant Professor, EEE Department, Sahrdaya College of Engineering and Technology, Kodakara
- A webinar on "Smart Home Energy Usage and Bill Management Techniques" is conducted by Mr Sebin Davis K, HOD & Assistant Professor, EEE Department, Sahrdaya College of Engineering and Technology, Kodakara on 3rd July 2021

RDC @ SAHRDAYA

- A session on - 'Research Methodology' was held on 25th March 2021 for the faculty members by Dr. Elizabeth Elias, Director, SCET.
- Two sessions on Technical writing was held on April 17th, 2021 for the faculty members. The first session on 'Technical Writing in Research' was handled by Dr. Manoj Komath, Scientist, SCTIMST from 11.00 - 12.30 PM. The second session on 'Research Communication and Publication Ethics was handled by Dr. Anil kumar, Scientist, SCTIMST

IEDC @ SAHRDAYA

- Event "MATRIX" conducted by Coders club of IEDC Sahrdaya on 13th January 2021
- IEDC Thrissur zonal meet up of Kerala start up mission - INSPIRE 2021 was conducted by IEDC Sahrdaya
- Social media and career management was conducted on 4th February 2021
- 16th March 2021- 22nd March 2021 : "Video Making Challenge on Water Conservation" conducted by Media Club & Eco Club of IEDC Sahrdaya
- Algorithm Unlock" event by Coders Club of IEDC Sahrdaya during 24th April 2021 - 25th April 2021
- "ARDUINO WORKSHOP" conducted by Hardware Club of IEDC Sahrdaya during 14th May 2021- 15th May 2021
- START-UP TALK given by Najeeb Bin Haneef was organized on 20th May 2021
- "Hack Inversion" event by Coders Club of IEDC Sahrdaya during 11th June 2021 - 13th June 2021

NSS @ SAHRDAYA

- ORUMA: The 7 Day virtual special camp for NSS volunteers was conducted on January 10th till January 17th 2021.
- NSS unit no 589 of Sahrdaya College of Engineering and Technology had conducted an OSM (Open Street Mapping) mass awareness program on 31st January 2021.
- A webinar is conducted on the topic 'Intoxication and Life' in collaboration with Excise Department, Irinjalakuda on 21st March 2021.
- An orientation class is conducted on NSS project Home Energy Audit on April 25, 2021 at 5.30 PM through Gmeet. The session was handled by Mr. Sebin Davis, EEE department HOD Sahrdayacollege of engineering and technology.
- 3 Day workshop "RESTORE OUR EARTH" in association with Inspire India, Moozhikulamshala NattarivuPadanakalari on 1st, 3rd & 5th June 2021

LIBRARY

- In connection with the World book day, Central Library conducted Online Quiz competition and Essay writing completion on 26th Apr., 2021.
- In connection with the National Reading Day (June 19), Central Library conducted a poster making competition for students.
- Anti-Narcotic Cell of Sahrdaya in collaboration with NSS Unit arranged a talk on International Day against Drug Abuse and illicit trafficking on June 26th, 2021 by Raphael M I, Preventive Officer, Excise Range Officer, Irinjalakuda.
- NDLI Club of Sahrdaya conducted Awareness Program on National Digital Library of India and NDLI Club inauguration on 29th June, 2021. Resource persons were Dr. A T Franics, Kerala Agricultural University Librarian and Dr. Joseph Jestin, Librarian, Sahrdaya.

- Anti-Narcotic Cell of Sahrdaya in collaboration with NSS Unit arranged a talk on World No Tobacco Day on June 31st, 2021 by Ms.Deepa Vinay, Managing Director, Unlock Business Solutions.

FACULTY EXCELLENCE

BM

- The Biomedical Department in Association with the Centre of Research and Development, and BMESI organised an Online Workshop on "Technical Writing" by Dr. Finto Raphael, Head of the Department on 30th April 2021 from 01:30 PM for pre-final year students
- Dr. Remya George was selected as a member to the Board of Studies of APJ Abdul Kalam Technological University.
- Mr. Kiran Philip Isaacof Biomedical Engineering department got admission for Ph.d at IIT, Chennai.
- Mr. Jibin Jose, Assistant Professor of Biomedical Department was the resource person for Webinar on Innovation and Product Development on May 29th jointly conducted by the Institution's Innovation Council and Association of Biomedical Engineering, SSN College of Engineering, Chennai.

BT

- Dr. Leon Ittiachen delivered a talk on 'Re-Engineering Biological Research In The 21st Century' as part of the FDP on Research Breakthroughs in Life Sciences, organized by KristuJayanti College, Bangalore held on 4th May 2021.

CSE

- Dr. R. Satheeshkumar received a Patent Grant from Australia titled "A Smart Methodology toTracktheSpreadofPandemicandSanitizingatRegularIntervals".
- Dr.M.Rajeswari acted as an evaluator and mentor on Toycathon 2021 conducted by MHRDduring 21-22 June 2021.
- Dr.R.Sunder, as a reviewer for IEEE MYSURUCON 2021-The First Edition of the Fla gship International Conference Serise of IEEE Mysore Sub Section in association with IEEE Bangalore Section ta NAVKIS College o fEngineering, Hassan o n24th & 25th October 2021.
- Dr. R. Sunder published a patent Title of the invention : PLASMA POWER GENERATIONUSINGWASTE MATERIALS.
- Certificate of appreciation, Willson Joseph C, for leading the Google Cloud Ready Facilitator Programin Sahrdaya College of Engineering and Technology, Kodakara.

ECE

- Dr.VishnuRajan and Ms.Binet Rose Devassy handled hands on session for hands on sessions of KTU sponsored Faculty Development Programme on "Deep Learning of Signal Processing -Basics to Implementation"
- Dr. Vishnu Rajanwas a trainer for 40 Hours Short term training program on Artificial Intelligence & Machine Learning for the students of St.ThomasColege, Thrissur during January - February 2021.
- Dr. Vishnu Rajan publishead an indian patent onLithium-ion battery range and soc prediction for electric vehicle in May 2021
- Dr.VishnuRajan filed an indian patent on Photofinish implementation using multiple low cost cameras in July 2021
- Dr. Silpa P. A filed an indian patent on PCB Based Electrode Biosensor Using Graphene Nano Ink in 2021
- Ms.Ambily Francis is a reviewer in IRBM journal of Elsevier ISSN 1959-0318

PAPER PUBLICATIONS & PRESENTATIONS BY FACULTY MEMBERS

BM

- Mrs.Reshma Jose presented a paper titled "Automatic Segmentation of Tumor using Super pixel Segmentation and Advanced Classification Algorithm" under the Energy Track of the International Conference on Energy and Environment (ICEE) held at Jyothi Engineering College, Thrissur on April 9, 2021.

Techno Beads

SAHṚDAYA NEWS & VIEWS

- Ms. Reshma Jose published a paper titled "Sustainable analysis of liver tumour detection using various segmentation techniques" in the World Review of Science, Technology and Sustainable Development (WRSTSD), Vol. 17, No. 2/3, 2021, DOI: 10.1504/WRSTSD.2021.114682.
- Dr.Remya Georgeetal has participated and presented a paper titled "Advanced Walking Stick" in the international virtual conference RIST 2021 held on 19th of June, organized by ErnadKnowkedge city, Technical campus, Malappuram.
- Dr.JeethuRavindranetalpresented a paper titled "Medicine Delivering and Parameter Monitoring Robot" at the International Conference on Advanced Computing and Communication Systems (ICACCS) organised by Sri Eshwar College of Engineering,Campus Coimbatore, Tamil Nadu in association with IEEE on 19th and 20th March 2021 through online platform.
- Mrs. Reshma Jose etal presented a paper titled 'A Sustainable Facial Recognition Based Heart Rate Monitoring System for the Detection of Atrial Fibrillation in Paralyzed' under the Energy Track of the International Conference on Energy and Environment (ICEE) held at Jyothi Engineering College, Thrissur on April 9, 2021.
- Ms. Supriya Mary Sunil etal published the paper titled "Medicine Delivering and Patient Parameter Monitoring Robot-MedRobo" in the International Advanced Research Journal in Science, Engineering and Technology (IARJSET) in June 2021.

BT
- Dr. Leon Ittiachen&Sumi Maria Babu published a paper titled "Evaluation of Antibacterial activity of Biosynthesized Silver nanoparticles coated Low Density Polyethylene films" in Materials Today
- Dr.Amitha Joy, et.al published a paper titled "Interaction network of insulin resistance proteins with organophosphorus and chlorine pesticides", in Journal of Computational Biology and Drug Design,14, No.2,138-157
- Ms.Salini P J, Asst.Prof, presented a paper titled "Treatment of Vehicle Wash Wastewater by Fenton Process and its Recycling" in an International Conference on Green Chemistry and Engineering towards Sustainable Development - An Industrial Perspective, organized by SVNIT, Suratfrom 16th to 18th June 2021.
- Ms.Ranimol G, Asst.Prof, presented a paper titled "Potential of Laccase Immobilized On Zein- Polyvinyl pyrrolidone Nano Fibrous Membrane in decolourization of Acid Red 1: Optimization and Efficacy studies" in an International Conference on Energy and Environment, organized by Jyothi Engineering College from 9th-10th April 2021.

CSE
- Scaria Alex "Spider Birds warm algorithm with deep beliefnet work formalicious Java Scriptd etection",Computers and Security, Publisher ELSEVIERS Ci.
- Scaria Alex"Adaptive Spider Bird Swarm Algorithm-Based Deep Recurrent Neural Network for Malicious Java Script Detection Using Box-Cox Transformation", Published in International Journal of Open Source Software and Processes, Publisher IGI Global,Scopus.
- Abhilash Joy, Rojin Anto Varghese, Angela Varghese, Anna Mary Sajeev, Dr Jeethu Raveendran, Dr Arun Thomas, Mr Saran K "Medicine Delivering and Patient Parameter Monitoring Robot - MedRobo", Robotics and Automation in the International Conferenceon Advanced Computing and Communication Systems - ICACCS 2021 on 19th and 20th March 2021 at Sree Eshwar College of Engineering, Coimbatore, Tamil Nadu, India.
- Dr. M. Rajeswari published a paper on "Tyre Inspection through Multi-State Convolutional Neural Networks", vol.27, no.1, pp.1-13, 2021,doi:10.32604/iasc. 2021. 013705, Intelligent Automation & Soft Computing,SCI Indexed.
- Dr. M. Rajeswari published a paper "Adaptive beam formation and channel allocation using substance near multi cast protocol and CS-iEHO", Soft Computing, Springer Publications, SCI Indexed, ISSN1432-7643, 05th Jan 2021.
- Dr. R. Satheesh Kumar,Dr.M.Rajeswari published a paper on "Exploration of Sentiment Analysis and Legitimate Artistry for Opinion Mining", Multimedia Tools and Applications, Springer Publications, SCI Indexed, ISSN / eISSN: 1380-7501 /1573-7721,23rdJan2021.
- Dr. M .Rajeswari published a paper on "Identification of Bird Species Using a Deep Learning Technology", International Journal of Creative Research Thoughts(IJCRT), UGCapproved,Vol.9,no. 1,ISSN:2320-2882.
- Dr. M. Rajeswari published a paper on "A Machine Learning Approach for Analyzing Medical Data's to Detect Patients Disease and for Recommending appropriatedrugs",SolidStateTechnology,Vol64,No.2,2021,ScopusIndexed.
- Dr. R. Sunder published a paper on "Multi-modal prediction of breast cancer using particle swarm optimization with non-dominating sorting", vol. 16, no.1, pp. 1-12, 2020, DOI:10.1177/1550147720971505, International Journal of Distributed Sensor Networks, SC Indexed.
- Dr. R. Sunder, "Segmentation and Analysis of Brain MRI Images "presented in International Conference on Smart Data Intelligence (ICSMDI2021).
- Dr. R. Sunder, "A Review of COVID-19 Outbreak Analysis Using Visual Analytics Approach" presented in International Conference on Smart Data Intelligence (ICSMDI2021)
- Dr.R.Sunder, A Formal Assessment of Spotting Leaf Syndromes with Conv Nets 2021 2nd International Conference for Emerging Technology (INCET)2021-05-21|conference-paper DOI:10.1109/incet 51464. 2021. 9456293ISBN: 9781728170299.
- Dr. R. Sunder presented a paper " Emotion Recognition Using Physiological Signals and Different Datasets" International Conference on Emerging Trends in Engineering, Science and Technology - (ICEST-21) 5th June 2021, Coimbatore, India.
- Dr. M .Rajeswari, Ms. Divya R, Ms. Anusree K and Mr. Shyam Krishna published a book chapter on Handbook of Deeplearning in Biomedical Engineering and Health Informatics,"Review of Existing systems in biomedical using deeplearning algorithms", ISBN: 9781771889988, Taylor & Francis, Apple Academic Press, ScopusIndexed, 2021.

ECE
- Ambily Francis Published a paper titled "Early detection of Alzheimer's disease using local binary pattern and convolutional neural network." Multimedia Tools and Applications (2021): 1-16. (SCI Indexed, Impact Factor- 2.757).
- Binet Rose Devassy Presented and Published a paper titled "Histopathological Image Classification Using Ensemble Transfer Learning" In a springer conference ICMLBDA2021organized by IIT Patna in March 2021 (Scopus Indexed).
- Ambily Francis Presented and Published a paper titled "Early detection of Alzheimer's disease using an ensemble of pre-trained models." In 2021 International Conference on Artificial Intelligence and Smart Systems (ICAIS), pp. 692-696. IEEE, 2021. (Scopus Indexed).
- Dr. Gnana King et.al Presented and Published a paper titled "Zebra Line Detection And Speed Control System Using Raspberry Pi" in 7th International Conference on Advanced Computing and Communication Systems, IEEE Explore (Scopus Indexed).
- Dr.Gnana King et.al Presented and Published a paper titled "A Review on Glucose Monitoring Using Enabling Technologies of Internet of Things" in 7th International Conference on Advanced Computing and Communication Systems, IEEE Explore (Scopus Indexed).
- Dr.Gnana King and Ms.Vidyamol K Presented and Published a paper titled "A Review on Object Detection Algorithms for Ship Detection" in 7th International Conference on Advanced Computing and Communication Systems, IEEE Explore (Scopus Indexed).
- Binet Rose Devassy Presented and Published a paper titled "An IoT-Cloud Based Health Monitoring Wearable Device For Covid Patients" in 2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)-Published in IEEE Explore DOI: 10.1109/ICACCS51430.2021.9441717

EEE
- Dr.Vijikala V etal published a paper on "A Machine Learning Approach for Analysing Medical Data sto Detect Patients Disease and for Recommending Appropriate Drugs" Solid State Technology journal, Scopus Indexed, Volume:64 issue:2
- Dr. V. Vijikalaetal published a book chapter on "Emerging Technologies in Engineering Research" Technical Research Publications, ISBN:978-93-5419-211-1

WORKSHOPS & TRAININGS ATTENDED BY FACULTY MEMBERS

BM

- Mr. Yuvaraj, faculty of BM Department attended AICTE Training and Learning (ATAL) Academy Online FDP on "3D Printing & Design" from 2021-1-4 to 2021-1-8 at Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram.

- Ms. Reshma Jose of BM Department participated in an AICTE sponsored online ATAL FDP on "Applied Machine Learning and Data Science " hosted by Department of Computer Applications, SAINTGITS College of Engineering, Kottayam, Kerala from 18th to 22nd January 2021.

- Ms. Reshma Jose of BM Department participated in KTU sponsored online three day Faculty Development Program on "Biosensors in Point of Care Diagnostics- Strategies and Implementation"(19th to 21st April 2021), KTU sponsored online FDP on "Deep Learning for Signal Processing- Basics to implementation" (26th to 30th April 2021) and KTU sponsored online FDP on "Precision Health Technology "(28th June to 2nd July 2021) hosted by Sahrdaya College of Engineering and Technology, Kodakara

BT

- All the faculty members in the department attended a KTU sponsored three days online Faculty Development Programme on "Biosensors in point-of-care diagnostics: strategies and implementation" was organized by department of Biotechnology and Biomedical Engineering, SCET from 19th to 21st April 2021.

- Dr. Leon Ittiachen has participated in the University Distinguished Lecture titled"Higher Education in India in the Post COVID-19" delivered by Prof. Anil D. Sahasra budhe, Chairman of AICTE and special address by Shri Satish Chandra, IAS, Special Chief Secretary, Higher Education, Government of Andhra Pradesh. It was organized by SRM University-AP,in association with India's national newspaper, "The Hindu" held on 05th JUNE 2021.

- Dr. LeonIttiachen has successfully completed five online NPTEL courses with ELITE certification.

- Ms. Marria C Cyriac has participated and successfully completed the 5-day online FDP on the theme "InculcatingUniversal Human Values in Technical Education" organized by All India Council for TechnicalEducation(AICTE) from 3 May, 2021 to 7 May, 2021.

- Ms. Marria C Cyriac has participated three Days Online Workshop on "Art of Writing & Publishing Effective Research Paper in High Impact Factor Journals" Conducted by Department of Electronics & Communication Engineering,CMR Institute of Technology from 07th to 09th January 2021.

- Ms. Smeera Thomas has participated AICTE Training And Learning(ATAL) academy online FDP on "Waste Technology" from 18th- 22nd January 2021

- Dr. Ambili Mechoor has participated AICTE Training And Learning(ATAL) academy online Elementary FDP on "Drug Engineering" from 28thJune- 2nd July 2021

CE

- Mr. Sunny C P attended KTU sponsored a 5-day online FDP on "DE-HAB Demolition and Rehabilitation of Structures" organized by the Department of Civil Engineering, Marian Engineering College, Thiruvananthapuram from 26th July, 2021 to 30th July, 2021.

- Ms. Remya P M attended KTU sponsored a 5-day online FDP on "DE-HAB Demolition and Rehabilitation of Structures" organized by the Department of Civil Engineering, Marian Engineering College, Thiruvananthapuram from 26th July, 2021 to 30th July, 2021.

- Ms. Ragi C Ravindran attended ATAL Academy's Online FDP on "Environmental Geo technology" from 4th Jan to 8th Jan, 2021 at National Institute of Technology, Karnataka, Surathkal, ATAL Academy's Online FDP on "Construction Technology" from 1st Feb to 5th Feb, 2021 at Indian Institute of Technology Jammu, 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 17th May, 2021 to 21st May, 2021, and KTU sponsored a 5-day online FDP on "DE-HAB Demolition and Rehabilitation of Structures" organized by the Department of Civil Engineering, Marian Engineering College, Thiruvananthapuram from 26th July, 2021 to 30th July, 2021.

- Ms. Reshma Antony attended AICTE Training and Learning (ATAL) Academy Online FDP on "Waste Technology" from 2021-1-4 to 2021-1-8 at NIT WARANGAL, Virtual Conference on Disaster Risk Reduction-Civil Engineering for a Disaster Resilient Society conducted during 15-20 March 2021., organised by NITK, KTU sponsored online FDP on Recent Trends in Design, Construction and Maintenance of Concrete Pavements organized by Civil Engineering Department, Mar Baselious College of Engineering and Technology and sponsored by KTU from 5th to 9th July 2021 and KTU sponsored online FDP on Outcome Based Education with Assessment and Evaluation from 26th July to 30th July 2021 organized by Dept. of Electronics and Communication Engineering, Sahrdaya College of Engineering and Technology, Kodakara, Thrissur, Kerala.

- Ms. Aiswarya M S attended AICTE Training And Learning (ATAL) Academy's online FDP on "Environmental Geo technology" from 04-01-2021 to 08-01-2021 at UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY and 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 17 May, 2021 to 21 May, 2021.

- Ms Sujana R attended ATAL Academy Online FDP on 'Environmental Geo technology' from 4th January to 8th January, 2021 at National Institute of Technology, Karnataka, Surathkal., ATAL Academy Online FDP on 'Blended Learning and Flipped Classroom' from 8th February to 12th February at National Institute of Technical Teachers Training & Research, Chandigarh, and 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 17 May, 2021 to 21 May, 2021.

- Ms. Haritha C R attended AICTE Training And Learning (ATAL) Academy's online FDP on "Environmental Geo technology" from 04-01-2021 to 08-01-2021 at UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY and 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 17 May, 2021 to 21 May, 2021

- Mr Ciby Jacob Cherian attended 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 17 May, 2021 to 21 May, 2021.

CSE

- Dr. M. Rajeswari attended an ATALFD Pon "Artificial Intelligence" during 04/01/21 to 08/01/21 at PSNA College of Engineering and Technology, ATAL FDP on "Block Chain" during 18/01/21 to 22/01/21 at Excel Engineering College, ATALFD Pon "Internet of Things" during 01/02/2021 to 05/02/21 at Knowledge Institute of Technology.

- Mrs. Uma E S attended TEQIP-II sponsored Six Days Online FD Pon "Applications of Artificial Intelligence and Io Tin Engineering" from 01 to 06 February, 2021 organized by College Of Engineering Perumon and Four Days Online FDP on "Future Trends of Data Analytics" from15 to 18 June, 2021organized by Lourdes Matha college of Science and Technology.

- Mrs. Princy T D attended TEQIP-II sponsored Six Days Online FDP on "Applications of Artificial Intelligence and IoT in Engineering" from 01 to 06 February, 2021 organizedby College Of EngineeringPerumon, Four Days Online FDP on "Future Trends of Data Analytics" from15 to 18 June, 2021 organized by Lourdes Matha college of Science and Technology, Five days AICTE Online FDP on "Data Sciences"from2021-1-7to2021-1-11 at Cochin University of Science and Technology., Five days AICTE Online FDP on "Data Sciences" from 2021-1-18 to 2021-1-22 at SAINTGITS COLLEGE OF ENGINEERING. Five days AICTE Online FDP on "Artificial Intelligence" from 2021-2-22 to 2021-2-26 organized by Model Engineering College, Five days AICTE Online Elementary FDP on "Challenges and Opportunities in VLSI for Io TApplications "from2021-06-21 to 2021-06-25 at KL University, Fivedays AIC TE Online Elementary FDP on "Mechatronics & MEMS" from 2021-07-05 to 2021-07-09 at National Institute Of Technology, Warangal

- Mrs. Princy T D, has successfully completed 6 weeks online training on Data Science under Intern shala Trainings Faculty Development Program.

- Dr. R. Sunder For participating in the AICTE sponsored online STTP on Outcome BasedEducation with Assessment and Evaluation during 7th December to 14th December 2020 at Sahrdaya College of Engineering and Technology, Kodakara, Thrissur, Kerala.

- Mr. Scaria Alex attended a 5 Day FDP on Blockchain from 4-1-2021 to 8-1-2021 organisedbyAICTE, 8 Day FDP on Artificial Intelligence and Deep Learning from31-Dec-2020 to 7-jan-2021 organised by kalasalingam University, TEQIP-II sponsored 6day FDP on Applications of Artificial Intelligence and IoT in Engineering organised by COLLEGE OF ENGINEERING PERUMONfrom 1-Feb-2021 to 6-Feb-2021.

- Willson Joseph C, attended th 5DaysOnlineWorkshop/FD Pon' Starting Research from Scratch'. by Karunya Institute of Science and Technology.

- Mrs. Sreetha E S attended Five days AICTE Online FDP on "Internet ot Things" from 04-01-2021 to 08-01-2021 at JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, 5 Days Online Workshop/FDP on 'Starting Research from Scratch'. by Karunya Institute of Science and Technology.

- Mrs. Linnet Tomy attended TEQIP-II sponsored 6day FDP on Applications of Artificia IIntelligence and IoT in Engineering organised by COLLEGE OF ENGINEERING PERUMONfrom 1-Feb-2021 to 6-Feb-2021.

- Ms. Megha KK attended an ATALFD Pon "Block Chain" during 18/01/21 to 22/01/21 at Excel Engineering College, TEQIP-II sponsored Six Days Online FDP on "Applications of Artificial Intelligence and Io Tin Engineering" from 01 to 06 February, 2021 organized by College Of Engineering Perumon, Four Days Online FDP on "Future Trends of Data Analytics" from 15 to 18 June, 2021 organized by Lourdes Matha college of Science and Technology.

ECE

- All faculty members of the department have Participated in a KTU sponsored online FDP on "Outcome Based Education with Assessment and Evaluation from" 26th July to 30th July 2021and FDP on "Deep Learning for Signal Processing - Basics to Implementation" (26th April to 30th April 2021) organized by Dept. of Electronics and Communication Engineering, Sahrdaya College of Engineering and Technology, Kodakara, Thrissur, Kerala.

- Ambily Francis has attended six days online Short Term Training Programme on "Emerging Trends and Research Challenges in Next Generation Wireless Networks" organized by Department of Electronics & Communication Engineering, Kongunadu College of Engineering and Technology, Trichy from 15.03.2021 to 20.03.2021 and 3 days Online Faculty Development Program on " Multidisciplinary Applications of MATLAB" held under the auspices of Department of Electronics and Communication Engineering, Universal Engineering College, Vallivattom, Thrissur from 22nd July 2021 to 24th July 2021. She also Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" from 2021-1-18 to 2021-1-22 at Saintgits College of Engineering, Kerala. Attended the AICTE sponsored Six Days Short Term Training Program on "IoT and Data Science" conducted by Department of Electronics and Communication Engineering, St. Joseph's College of Engineering and Technology from 28/12/2020 to 02/01/2021.

- Ms. Chinchu Jose has attended five days KTU Sponsored FDPResearch Trends in Social Network Analytics organized by SCMS School of Engg and Tech. (24/05/2021-28/05/2021), KTU Sponsored FDP "Emerging Trends and Challenges in Low power VLSI Design" organized by MBCCET (19/05/2021-21/05/2021) and KTU Sponsored FDP "Biosensors in point of care diagnostics: Strategies and Implementation" organized by SCET(19/04/2021-21/04/2021)

- Dr. Gnana King and Binet Rose Devassy participated AICTE Sponsored FDP-ATAL on "Internet of Things (IoT)" by NIT, Durgapur (5/1/2021-9/1/2021)

- Vidyamol K attended Self-sponsored Five-Day Online STTP "VLSI Architectures for Digital Signal Processing Systems (VADSPS-21)" by NITC (14/6/2021-18/6/2021)

- Jisha Jacob attended KTU-sponsored Five-Day Online STTP "Emerging Trends and Challenges in Low power VLSI Design" by MBCCET (19/05/2021-21/05/2021)

- Saran K.B participated AICTE Sponsored FDP-ATAL on Artificial Intelligence by Dr. Ambedkar Institute of Technology(4/1/2021 - 8/1/2021)

- Dr. Silpa P A has attended five days KTU Sponsored FDP"Biosensors in point of care diagnostics: Strategies and Implementation" organized by SCET (19/04/2021-21/04/2021)

EEE

- Ms Ashna Mohan, Mr. Shimin V V, Dr.V. Vijikala, Ms Merry Mathew Padayattil, Mr. Adarsh S R EEE Department has attended three days KTU sponsored online FDP on "Recent trends in Electric Vehicle and System Design", organized by Department of Electrical and Electronics Engineering, Sahrdaya College of Engineering & Technology, Kodakara, Thrissur, from 07/06/2021 to 09/06/2021,

- Ms Ashna Mohan, Mr. Shimin V V, Dr. V. Vijikala, Mr. Adarsh S R , Ms Merry Mathew Padayattil attended TEQIP II sponsored five days online FDP on "Electric Vehicles", organized by Department of Electrical and Electronics Engineering, College of Engineering Kidangoor, from 29/03/2021 to 02/04/2021.

- Ms Merry Mathew Padayattil, Dr. V. Vijikala KTU sponsored online FDP on "Biomedical instrumentation - Research Challenges", organized by Department of Electrical and Electronics Engineering, AmalJyothi College of Engineering & Technology, Kanjirappally, from 22/02/2021 to 26/02/2021.

- Dr.V. Vijikala, Associate Professor, EEE Department has attended five days KTU sponsored online FDP on "Advancement in Systems for Electric and Hybrid Vehicles", organized by Department of Electrical and Electronics Engineering, Viswa Jyothi College of Engineering & Technology, Muvattupuzha, from 19/04/2021 to 23/04/2021, AICTE Five days online FDP on "Inculcating Universal Human Values in Technical Education", organized by All India Council for Technical Education (AICTE), from 17/05/2021 to 21/05/2021, five days KTU sponsored online FDP on "Recent Advances in Power Electronics and Power Systems", organized by Department of Electrical and Electronics Engineering, Muthoot Institute of Technology & Science, from 14/06/2021 to 18/06/2021.

ASH

- Ms. Jemcy Antony, Mr. Anoop Lonappan, Lickny I, Rani Thomas, Swapna Joseph and Ms. Jasmine Johny, Ms. Savitha Paul, Mr. Mathews V J, Ms. Jimi K J attended Five Days online FDP on "Inculcating Universal Human Values in Technical Education" by AICTE.(April 19-23) 2021

- Mr. Anoop Lonappan Completed 4 weeks online training on Advanced Excel under Internshala Trainings Faculty Development Program and AICTE sponsored FDP on "NBA and the processes" at NIT Mizoram. (February 1-5)

- Ms. Lickny I attended 3 Days FDP on "Mathematical Foundations for Artificial Intelligence and Machine Learning" by APJKTU at Muthoot Institute of Technology and Science and 3 Days FDP on "BioSensors in Point Of Care Diagnostics-Strategies and Implementation" by APJKTU at SCET, Kodakara

- Ms. Rani Thomas attended One day Online FDP on "Advances in Signal Processing" by school of Electronics Engineering Vellore

- Ms. Jasmine Johny attended 3 Days FDP on "Mathematical Foundations for Artificial Intelligence and Machine Learning" by APJKTU at Muthoot Institute of Technology and Science KTU sponsored FDP on "Recent trends in Electric Vehicle and system Design " at SCET (07th - 09th June 2021)

- Dr. Sukhila Krishnan attended 3 Days FDP on "BioSensors in Point Of Care Diagnostics-Strategies and Implementation" by APJKTU at SCET, Kodakara

- Dr. Sukhila Krishnan and Mathews V J qualified one MOOC course of NITTT - Orientation towards Technical Education & Curriculum Aspects conducted by AICTE

- Ms. Jimi K J attended 7 Days online Refresher Programme on "Cooperative and Collaborative Teaching Learning Processes" by Sahyadri College of Engineering & Management, Adyar, Mangalore, Karnataka. (06.04.2021 to 12.04.2021, 5 Days online FDP on "Deep Learning for Signal Processing - Basics to Implementation" by APJKTU at SCET, Kodakara (26th April to 30th April 2021)

- Dr. Joseph Jestin K J, Librarian attended 5-Days FDP on the theme "Inculcating Universal Human Values in Technical Education", organized by AICTE from 17th May, 2021 to 21stMay, 2021 and participated in the online webinar on Implementation of National Education Policy(6th May, 2021), NDLI User awareness session conducted by IEEE Malabar subsection in association with IEEE Malabar Hub (13th May 2021)and "Virtual Classroom: Enhance Teaching through Learning Management System (LMS) conducted by EBSCO Information Services (15th June, 2021)