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

Sahrdaya has always been a beacon of innovation! Our institution is not only excelling in academic pursuits but also contribute significantly to society. The essence of our institution lies in the amalgamation of knowledge, creativity, and a relentless pursuit of excellence. Our students, as aspiring engineers are the architects of tomorrow's world. Take full advantage of the vast resources and opportunities at your disposal. Engage in meaningful collaborations, participate in extracurricular activities, and dare to dream beyond the conventional boundaries. In the realm of research and development, I urge our faculty to explore new horizons and push the boundaries of what is deemed possible. Also, I emphasize the importance of social responsibility and community engagement. As engineers, we have a duty not only to advance technology but also to address the pressing challenges facing our society. Let's work together to instil a sense of social consciousness in our students, fostering a generation of engineers who are not only brilliant in their fields but also compassionate human beings. Together, let us create an environment where knowledge flourishes, innovation thrives, and excellence becomes a way of life. Here is yet another issue of the college newsletter "Techno Beads". I hope that this will provide an opportunity to promulgate and accolade the achievements in scholastic and societal horizons of Sahrdaya. Best Wishes...

Mar Pauly Kannookadan
Bishop of Irinjalakuda Diocese

SPECIAL EVENTS & ACHIEVEMENTS

◆ SAHRDAYAM 23: A newly built home costing 6.5 lakhs has been completed by collecting money from students and staff of Sahrdaya. Sahrdayam Project blessing and Key handed over ceremony was done on 17 August 2023 by His Excellency Mar. Pauly Kannookkadan in the presence of Kodakara Grama Panchayat President Ms. Ambily Soman and other Executives.

◆ "Aravam 2k24" Onam Celebration of Sahrdaya was conducted on 26th August 2023.

◆ Academic Year Inauguration 2023 was conducted on 15th September 2023 and inaugurated by Dr. Ramesh Unnikrishnan (Advisor, AICTE).

◆ On Engineers Day, 15th September, commissioning of electric vehicle is done by the Chairman Bishop. Mar Pauly Kannookadan. Students and faculty members from the Department of Electrical Engineering are the expertise behind this endevour. Dr. Ramesh Unnikrishnan, Advisor, AICTE and Bishop Mar Pauly Kannookadan jointly flaged off the electric rickshaw.

◆ The Department of ECE organized the Google AI Campus Fest 2023, on 16/9/2023 an event that promises to be a celebration of cutting-edge advancements in artificial intelligence and technology. The fest had showcased the latest breakthroughs in AI, featuring distinguished speakers, interactive workshops, and engaging panel discussions.

◆ Student Council Inauguration was conducted on September 21, 2023

SAHRDAYA NEWS & VIEWS

◆ Principal Dr.Nixon Kuruvila and Mr.Jibin Jose (BM Faculty) are selected as Board of Studies members of APJ Abdul Kalam Technological University

സഹൃദയയിൽനിന്ന് 2 പേർ ബോർഡ് ഓഫ് സ്റ്റഡീസിൽ

കൊടകര

കൊടകര സഹൃദയ എൻജിനിയ റിങ് കോളേജിൽനിന്ന് പ്രിൻസി പ്പൽ ഡോ. നിക്സൺ കുരുവിള (പോസ്റ്റ് ഗ്രാജ്വേറ്റ് പ്രോഗ്രാം), പ്രൊഫ. ജിബിൻ ജോസ് (ബയോ മെഡിക്കൽ എൻജിനി യറിങ്) എന്നിവരെ ഡോ. എ പി ജെ അബ്ദുൾ കലാം സാങ്കേ തിക സർവകലാശാല ബോർഡ് ഓഫ് സ്റ്റഡീസിലേക്ക് തെര ഞ്ഞെടുത്തു.

എൻജിനിയറിങ് വിദ്യാർഥിക ളുടെ പ്രവേശനം, പഠനം, സില

ഡോ. നിക്സൺ കുരുവിള
പ്രൊഫ. ജിബിൻ ജോസ്

ബസ് കരിക്കു ലം നിർണയം തുടങ്ങിയ വിഷയ ങ്ങളിൽ തീരുമാനമെടുക്കുന്നതി നുള്ള കമ്മിറ്റിയാണിത്.

◆ IEI chapter inauguration is organized on 23/8/2023 by the department of ECE. An expert talk by Prof. Dr. C.P Sunil Kumar FIE (chairman, IEI Thrissur) is organized in connection with inauguration.

◆ Department of Electronics & Communication Engineering developed a Pseudo Random Number Generator using a linear feedback shift register. Dr. Arun A V, Assistant Professor in the Department of ECE, the principal investigator on the project, The final year ECE students: Tinu Titus, Ashwin M R, Nancy Antony, and Mahfooz A S are the members. The design was developed in the Department of Electronics & Communication Engineering and the chip was sponsored by the Institution. The chip will serve as the basic block of a security system that is envisioned.

First time in Kerala
Under KTU Affiliated Colleges

Chip Successfully Taped Out
By staff and Students of Department of ECE

◆ Sahrdaya College of Engineering and Technology has been recogni-zed as the Premium Institute for the Year 2023 by the ICT Academy of Kerala, under the esteemed patronage of the Government of Kerala. We were privileged to receive this prestigious Recognition Certificate from Mr. Dinesh Thampi - Vice President & Delivery Centre Head, Tata Consultancy Services, in the presence of Mr. Santhosh C Kurup, CEO, ICT Academy of Kerala.

◆ Dr. Rathan U Kelkar IAS, Secretary, Elec-tronics & IT Govt. of Kerala handed over the LEAP Membership Card to Prof. Jibin Jose (Nodal Officer, IEDC Sahrdaya)

Moment of Triumph

◆ Sahrdaya College of Engineering and Technology has been handpicked by Bank of Baroda for the prestigious "Baroda Achievers Award". The award of Rs. 31,000 cash prize, a stunning trophy, and a well-deserved citation applauds excellence in academics, sports, and holistic performance. Our Chairman and the Bishop of Eparchy of the Irinjalakuda, alongside Bank of Baroda's senior leadership team, graced the ceremony at our Multipurpose Indoor Stadium on November 1st, 2023.

◆ Kerala Piravi celebrations was conducted on 01/11/2024

◆ B.Tech in Electronics and Communication Engineering accredited by NBA.

◆ Dr. Amitha Joy, BT Department. Celebrating Excellence in Research. "CERD faculty research incentive recipient For Publication in SCIE Indexed Journal" by APJ Abdul Kalam Technological University.

NBA
NATIONAL BOARD OF ACCREDITATION
B.Tech in
ELECTRONICS & COMMUNICATION ENGINEERING
is Accredited by NBA (2023-2026)
Congratulations Thank you all

- PTWA meeting for all semesters was held with the participation of parents, teachers and management in the month of November 2023.

- Christmas Celebration was conducted on 22 December 2023.

PRIZES SECURED IN PROJECT COMPETITIONS

- The students Divin Davis, Vishnu Prajil, Arifa Thasneem, Greeshma Nadh (2020 Batch) Biomedical Engineering of Sahrdaya College of Engineering and Technology, the sole representative from Kerala, secured 3rd place in the prestigious Siemens Healthineers Global Innovation Think Tank (ITT) held in Bangalore. Their visionary proposals spotlighted AI-based translation systems, solar-powered drones for equitable healthcare, and AI-enhanced remote healthcare apps.

Arifa Thasneem   Greeshma Nadh PG   Vishnu Prajil T   Divin K Davis
(S7, Biomedical Engineering)

- Students of Sahrdaya College of Engineering and Technology emerged as the sole student achievers, amidst a field of accomplished entrepreneurs and innovators in the prestigious DREAMVESTOR entrepreneurship competition. A team comprising Allwino Varghese, Megna Daison, Vishnu Priya A S, and Nevin T Shine from the Department of Biomedical Engineering guided by Dr. Finto Raphel, has secured the 4th Prize in a fiercely competitive field.

- Ms. Divya Dileep, a student of S5 B.Tech Biotechnology at Sahrdaya College of Engineering and Technology, has secured the 6th Position in the same event - Dream vestor Awards, an innovative idea contest organized by the Department of industries and commerce,Government of Kerala.

- Our talented team Aleena Mariya, Aleena Anthony, Alex Babu P, and Ann Mariya Johny (2023 EC Batch) under the guidance of Dr. Silpa P A. has secured the Special Jury Award and Government Support at the grand finale of IGNITE 2023-an esteemed innovation and entrepreneurship challenge. The award was presented by Mr. K. Krishnan Kutty, the Minister of Power and Electricity in Kerala.

- GO GREY PROJECT "selected in YIP 4.0 initial round. The team got selected in district level from more than 400 teams and received a cash prize of Rs.25000/- from honorable finance minister Sri. K. N. Balagopal at Kottarakkara on 21 July 2023.The team includes Haasina Rukhiya. P. H, Janet. T. Tony, Jennipher George guided by Dr. Amitha Joy, Associate Professor

- The final year project titled SMART COMMODE SYSTEM FOR BED-BOUND PATIENTS by the team comprising Allwino Varghese, Megna Daison, Vishnu Priya A S and and Nevin T Shine from the Department of Biomedical Engineering has secured the 4th Prize in the prestigious DREAMVESTOR entrepreneurship competition among 816 remarkable entries, emerging as one of the top 20 finalists.

- A team of students from the Department of Biomedical Engineering consisting of Rosemary Shofy, Anson T Mathew, Thasleema Akbar and Pranprakash secured first position in the IDEATHON 2K23 organized by BEATS association on 20/9/2023 on the Topic- Design and Development of PoC-BIOSENSOR.

- Fifth semester students, Athulya Babu and Amrutha Sunil in collaboration with the EC Department, earned second place in the Srishti project competition at Saintgits College of Engineering. The project, titled "A Device to Detect Adulteration in Coconut Oil," guided by Marria C Cyriac (Asst. Prof., Department of Biotechnology) and Dr. Silpa P A (Asst. Prof., Department of Electronics and Communication), demonstrates broad applications in the field of Food Technology.

HR & PLACEMENT CELL

- Campus Recruitments started for the 2024 passout students.
- Placement Training on Aptitude and Technical was conducted for the 2024 passout students.

SAHRDAYA NEWS & VIEWS

- Two weeks of Student Induction Program for 2023 Batch was conducted on 15-Sep-2023.
- Freshers Day was conducted on 15th September 2023.
- Career Guidance Sessions were conducted for the 2024 and 2025 passout students.
- Resume Making sessions and Mock Interviews were conducted for the 2024 passout students by Ms.Vini Jose, Training & Placement Officer.

TECHNICAL ASSOCIATIONS

EBSA (BME ASSOCIATION)

- Ebin Wilson and Eliyas Rajeev of Fifth Semester Biomedical Engineering participated in Nasscom Future Forge 2023 conducted at Bangalore on 7th and 8th November 2023 which was 50% sponsored by IEDC, Sahrdaya.
- Ms. Schleshin Molly David of 2002-2006 Batch working as Biomedical Engineer at Soma Bio Tech, Atlanta visited the dept. on 8/8/2023 and interacted with the students of S5 Biomedical Engineering and gave them a brief insight about the job prospects, challenges and opportunities abroad.
- Alumnus Mr.Nobu Karipp-ai, Lead Engineer - R&D (Dia-betes Care), Roche, Germa- ny interacted with final year students on 14/8/23.
- Two of the alumnus Ms. Swetha Manoj working as Procurement Manager at Abu Dhabi and Ms. Mishel working as Biomedical Engineer at BMS Hospital, Bahrain of 2010-2014 Batch visited the department and gave a talk on the different job aspects in Biomedical Engineering and its future.
- Second year Biomedical Engine-ering students at Sahrdaya College of Engg. and Tech-nology (2022 Batch) visited the Anatomy and Physiology Museum and Skill Lab on Sept. 13th 2023.
- Mr.Netturi Naresh Kumar, Scientist, Meditech zone, AP, visited the dept. and Faculty members, to discuss the possible collaborations and relations.
- The Dept. of Biomedical Engg. conducted a Technical Quiz on 15/9/2023 as part of World Engineers Day.
- As part of World Heart Day on 29th September 2023, the Department of Biomedical Engineering Day conducted a Cardiac Treasure Hunt.
- Two Project teams from the Department of Biomedical Engineering visited Genrobotics, Palakkad to understand new rehabilitation and scavenging robots.
- Mr. Leo Mavely, Founder and CEO, Axio Biosolutions delivered a talk and monitoring session on Surgical solution to military and steps to entrepreneurship for S3 Biomedical students at Multimedia Hall on 9/10/2023 at 11a.m.
- Dr. Thomas Varghese, Ortho-paedic Surgeon at K.M Cherian Memorial Hospital, Chengana-ssery delivered a talk on Neuromus-cular System for third semester Biomedical Engineering students on 7th November 2023.
- The Department of Biomedical Engineering conducted a Webinar on "Applications Of Deep Learning and Machine Learning in Biomedical Image Processing" by Mr. Sreesankar J, Assistant Professor in Department of Computer Science at Karunya Institute of Technology on 16th November at Jasmine Hall, SCET, Kodakara.
- The Department of Biomedical Engineering in association with EBSA conducted a talk on Disaster Management on 24/8/2023 by Mr. Ramesh V.M, Honourable Secretary, National Safety Council, Kerala Chapter.
- A One day Training program on Basic First Aid was conducted for 2020 Batch (S7 BM) students on 11/9/2023 and 2022 Batch (S3 BM) students on 12/9/2023 by Dr. Thomsun Davis, Department of Community Medicine, Jubilee Mission Hospital.
- A One day Workshop on Machine Learning and Data Science was conducted for 2020 Batch (S7 BM) students on 12/9/2023 by Mr. Bipin R, Associate Professor, Adishankara College of Engineering and Technology.
- A Two day Workshop on Python was conducted for 2021 Batch (S5 BM) students on 12/9/2023 and 13/9/2023 by Mr. Abin and Mr. Prince of Teqard Labs Pvt Ltd, Cochin.
- The Department of Biomedical Engineering conducted a workshop on "**Fusion 360**" for final year students on 18/10/2023.
- The dept. of Biomedical Engg. conducted a 2 day Interactive seminar cum Hands-on workshop on- "Electronic product building" by Antu Dominic chief technical officer,Truetek world, Angamaly on 17th and 18th of Nov. 2023.

BEATS (BTE ASSOCIATION)

- Nivya R.M presented a paper entitled Computer aided discovery of novel phytoderived calcineurin inhibitors as potential therapeutic candidates in the 11th IEEE Humanitarian TechnologyConference held at Marwadi University, Rajkot, India on Oct. 17th 2023.
- Ms. Athulya Babu (S5 BT), Ms. Sruti M and Ms. Vivina Puthur (S7 BT) of Fifth semester Biotechnology were recognised with Academic Excellence Award at the event SUCCESS 2023 on being the semester topper for University Examinations.
- Mr. Ashlin Shaju of S7 BT was selected for the Inter-university Yoga competition held at Anna University, Chennai. He was selected from intercollegiate Yogasana championship 2023.
- Ms Aaisha Mohammed Shafeek of Vth semester secured an Elite and Gold certificate in the NPTEL Course : The Joy of Computing Using Python.
- Department of Biotechnology in association with BRSI conducted a two day workshop on 'Modern Tools in Bioinformatics' by Mr. Vipin Thomas, Asst.Prof, Dept. of Biosciences, Union Christian College, Aluva which was hosted at Accenture Lab, SCET, Kodakara for the final year students.
- Dept. of Biotechnology in association with BRSI organized a workshop on Python programming on 21,22 August 2023, guided by Star Innovations for S5 students. The workshop was lead by Mr Vishal N S, the resource person, reflecting his profound knowledge in python programming and highlighted its importance and applications throughout the two days at Accenture lab **S**CET, Kodakara.
- A One Day training on LaTeX was organized by the Department of Biotechnology on 13/09/2023 for S7 BT 2020-24 & on S5 BT 2021-25 on 14-09-2023 Batches. The session was handled by Mr JAnand Narayan, Alumni of BT 2019-23.
- Department of Biotechnology in association with BRSI conducted a one day workshop on 'MATLAB Tools' by Mr.Rakshith B S, Senior Application Engineer at CorEL Technologies, Bangalore. The workshop was on 16-09-2023 at Accenture Lab, SCET, Kodakara for the final year students.
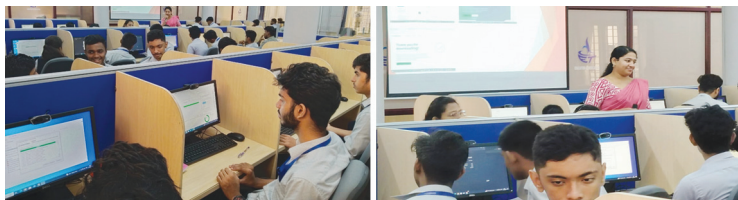- Mr. Varghese N Ouseph, Head of R&D at Agappe Diagnostics Ltd. shared his profound knowledge in Analytical Techniques in Biotechnology in the interactive session conducted as a part of Add on course on 05/10/2023,for the third year Biotechnology students at BT Seminar Hall.

- For familiarizing the students with the analytical techniques in biotechnology an online interactive session was conducted on 07/11/2023 by Dr. Shiny Velayudhan, scientist, division of dental products, Biomedical technology wing, Sree Chithira Tirunal Institute of Medical Science and Technology.

- The Department of Biotechnology in collaboration with BRSI and NDLI Club successfully organized the IDEATHON'23 fostering interdisciplinary knowledge on September 20, 2023.The event held at BT Seminar Hall showcased insightful presentations addressing the challenges of Healthcare Industry. The event was successful with the participation of 10 groups from different departments.

- An online interaction on "Prospects of higher education in foreign universities' 'was conducted on 12-09-2023.The session was handled by our former students Britto Lorence and Bristo Lorence, currently pursuing masters in Food science and Biotechnology, Tesside University, United Kingdom.

- Alumnus Mr.Aneesh Jose, Technical Head Amazon, Japan interacted with the third year student on skills developments during the B Tech degree course and on directions and dimensions of higher education.

- Dept. of Biotechnology in association with BRSI organized 'Dr George Thottapilly Memorial Lecture' by Dr Jagadeesh Bayry, Professor, IIT Palakkad on the topic "An insight on Immunotherapy" at the multimedia conference hall, SCET, Kodakara.

- As a part of the Science popularization programme Dept. of Biotechnology organized a series of workshops in Nov. 2023 for the rural student community and gave an exposure and hands-on training on various diagnostic techniques in Biotechnology. The third year students gave leadership, framework and lead the workshop which also gave them a new perspective on the techniques.

- Mr. Leo Mavely, Founder and CEO, Axio Biosolutions delivered a talk and monitoring session on Surgical solution to military and steps to entrepreneurship for S3 Biotechnology students at Multimedia Hall on 9/10/2023 at 11am.

- The Vth semester students of Biotechnology Dept. along with two faculties visited ICAR - Central Institute for Cotton Research, Coimbatore on 20th Oct. 23 to understand the different techniques involved in plant research chiefly in cotton research.

- The students of third semester B. Tech Biotechnology (BT 2022-2026 batch) visited Kerala Forest Research Institute (KFRI), Peechi on 10th Nov. 2023, Friday and got insights on the molecular biology, tissue culture research labs and the analytical techniques labs which was efficient enough to give students enlightenment to the application of knowledge and research potentials in Biotechnology.

ELECSTA (ECE ASSOCIATION)

- A talk on Disaster Management by Dr. Ramesh V.M, Hon. Secretary of National Security Council, Kerala Chapter organized on 24/8/2023.

- The Department of ECE conducted a 2 day workshop on Python programming by star innovations for S3 ECE students on 12/9/2023 & 14/9/2023.

- The Department of ECE is organized an invited talk on Sustainable Engineering for S3 and S7 ECE students on 20/09/2023 (Wednesday). The session handled by the expert team from TCS Cochin.

- The Dept. of ECE organized a hands-on session on Familiarisation MATLAB for S3 ECE students on 20/09/2023(Wednesday). The session handled by the expert team from Coreel Technologies.

- The Dept. of ECE organized a industrial Interaction on RTL Design Verification for S7 ECE students on 20/09/2023(Wednesday). The session handled by Mr. Jayakrishnan V.R., Staff Engineer, Imagination technologies, United Kingdom.

- The Dept. of ECE organized an Alumni Interaction for S5 ECE students on 20/09/2023 (Wednesday).

- An expert talk on on chip design flow and the oppurtunities in the semic-onductor industry is conducted by Mr.Prem Kishor, Apex on 6/10/23. The talk was organized by Dept. of Electro-nics & Communication Engg. in association with Industy-Institute-Interaction Cell.

- IEEE CAS SOCIETY in association Dept. of Electronics and Communication Engineering, Sahrdaya conducted a CDAC Vega Processor Workshop cum Hackathon during 23-11-2023 to 25-11-2023.

ACES (CSE ASSOCIATION)

- On Nov. 30th, in celebration of Children's Day on Nov. 14, ACES organized an event titled "Engineer in the Making: Celebrating Young Minds" to impart knowledge about the field of computer science. Gokul Raj of S7 CSA highlighted department projects to school students, fostering inspiration and insight into the exciting world of computer science for the budding minds

- In collaboration with CSI, a 3-day Python workshop was successfully conducted.

- On Oct. 16, a "Just a Minute" event, commemorating Engineers' Day, was conducted in collaboration between IEEE CS Society and NDLI.

- On Oct. 18th, ACES, in collaboration with IEEE CS Society, conducted a session on synergizing computational science for sustainable energy advancement at St. Joseph CGHSS Thrissur.

- Starting on Oct. 20, 2023, the ACES Coding Team initiated weekly coding classes and challenges for S5 students, concentrating on competitive coding for placements. Assigning five questions weekly, the active participation underscored students' eagerness to improve coding skills. Collaborating with the Google Developers Student Community Sahrdaya, these sessions, skillfully led by the ACES Coding Team, fostered a constructive and engaging learning environment, enhancing the collaborative spirit within the department.

- On Oct. 21, ACES hosted an online gaming competition titled "VANGUARD," featuring the game Valorant.

- On October 21, ACES, in collaboration with IEEE CS, organized a Football tournament featuring Pro Evolution Soccer (PES).

- On Oct. 26th and 27th, ACES, in collaboration with NDLI, organized a two-day workshop on Front-end Web Development led by Mr. Elwin Jose, a Technical Support Associate at SOTI and ACES alumni.

- On Nov. 2nd and 3rd, ACES, in collaboration with NDLI and CSI, hosted a session on Disaster Management for S5 CSE students. The informative session, led by S7 CSE students Mr. Joel Anto and Ms. Merin Dixon, provided valuable insights into disaster preparedness and response.

- On Nov. 4th, S7 CSA students visited ICFOSS, a govt-backed IT company in Thiruvananthapuram. Engaging in fruitful discussions, they explored collaboration possibilities and initiated talks about establishing an ICFOSS cell in our college.

Techno Beads

SAHṚDAYA NEWS & VIEWS

- On Nov. 6th, ACES, in collaboration with IEEE CS Society and IEEE WIE Society, organized a debate competition.
- On Nov. 8th, ACES, in association with BME and in collaboration with IEEE CS Society, organized a technical training session on LaTeX for S7 BME students. The session, led by CSE research scholars Ms. Keerthana and Ms. Sonu, aimed to enhance students' skills in document preparation using LaTeX, facilitating interdisciplinary knowledge exchange.
- ACES, in collaboration with IEEE CS Society and IEEE WIE Society, organized the following events product marketing competition focused on smart products (Nov. 8), extempore competition (Nov. 10), verification competition (Nov. 10), online essay competition (Nov. 22), online Cartoon Making competition (Nov. 23), offline pencil drawing competition (Nov. 23).
- On Nov. 24th, ACES, in collaboration with Google Developers Student Community, hosted a monthly coding test for S5 and S3 CSE students.
- On Nov. 24th, ACES, in collaboration with ACES Media Cell, organized a photography competition with the theme "My Favorite Time of the Day."
- On Nov. 30th, in celebration of Children's Day on Nov. 14, ACES organized an event titled "Engineer in the Making: Celebrating Young Minds" to impart knowledge about the field of computer science. Gokul Raj of S7 CSA highlighted dept. projects to school students, fostering inspiration and insight into the exciting world of computer science for the budding minds.
- Department of CSC has taken initinative to spread joy by celebrating Christmas at "Anugraha Sadan" orphanage.
- On August 26th, as part of Onam celebrations, the college organized a Pookkalam and Maveli competition. ACES triumphed, securing the 1st prize in both categories.
- On Nov. 1st, the college organized a Malayali Manka and Sreeman competition, where Ms. Esther Santos from ACES was honored with the title of Malayali Manka.

PACE (CE ASSOCIATION)

- A One Day training on LaTeX was organized by the Dept. of Civil Engineering on 14/08/2023 for S7 CE 2020-24 & S5 CE 2021-25 Batches. The session was handled by Mr Jaise S Arakkal, Alumni of CE 2019-23.
- A Three Day Workshop on Rhino, Grasshopper and Reviton was organized by the Department of Civil Engineering from 12/09/2023 to 14/09/2023 for S5 CE 2021-25 Batch in collaboration with IEI and CAD Centre.
- An Alumni Interaction was organized by the Dept. of Civil Engineering on 14/09/2023 for S3, S5 & S7 CE students. Mr Fousan P, Project Engineer, Brick Zone Building Solutions - Alumni of CE 2013-17 has shared his experiences.
- The Dept. of Civil Engg. in association with the IEI student chapter had organized a Poster Making Competition on 15th Sept. 2023 in connection with National Engineer's Day. The winners of the competition are as follows:Akshya V Kumar, Aishwarya K S, Aiswarya T M, Vrindha Rajan(S5 CE) won the first prize.Aneena Shajan, Aneena Varghese, Megha Jophy(S7 CE) bagged the second prize.
- A One Day Workshop on AutoCAD was organized by the Department of Civil Engineering on 30/09/2023 for S3 CE 2022-26 Batch. The session was handled by Ms Asha Devassykutty & Ms Gokila Chandran.

AESON (EEE ASSOCIATION)

- Dept. of EEE conducted Three days hands on training session on PLC, SCADA & AUTOMATION for S7 EEE students from 14/09/2023(Thursday)to 16/09/23 (Saturday) from 9:00am- 4:20 pm.The session was handled by Mr.Vipin Vaishakh CS,Project Engineer,IPCS Global Academy, Kochi.

- Dept.of EEE conducted five days' hands on training session on Python programming and Machine Learning for S5 EEE students from 11/09/2023 (Monday) to 16/09/2023(Saturday)from 9:00am-4:20 pm. The session was handled by Mr Midhun, Revertech Technologies,Kochi.
- Dept. of EEE in association with AESON conducted a session on Opportunities after engineering through Gate Exam for S5EEE students on 3/11/2023.The session was handled by Mr Anith TA Director ONES.
- Dept. of EEE in association with AESON conducted an Alumni interaction for S7EEE students on 14/11/2023.The session was handled by Mr Binil Bhasy, Electro Technical Officer, Anglo Eastern.

ASH

- Freshers day was conducted on 15 Sep, 2023 by HR and ASH dept for first semester students.
- A seminar on "A journey in pursuit of knowledge: Advancement of science and technology" was conducted for S1 students on 12 sep.
- A Digital postal Design challenge was conducted on 18 Sept. 2023 for S1 students.
- A Short Film Competition was conducted for first year students on the theme "Acts of kindness in challenging times on World kindness Day on 13 Nov."

RDC @ SAHRDAYA

- Dr. Dhanya Gangadharan (BT), Dr. Jeethu Raveendran(BM) sanctioned with a research fund of Rs. 200000/- for the project CanDSEN by Kerala Start Up Mission
- Dr. Reshma Jose (BM) sanctioned with a research fund of Rs. 200000/- for the project Communicative and assistive device for differently abled children by Kerala Start Up Mission.
- Dr. Jeethu Raveendran(BM) sanctioned with a research fund of Rs. 250000/- for the project Universal Chlorometer by Kerala Start Up Mission.
- Dr. Silpa P A (EC) sanctioned with a research fund of Rs. 500000/- for the project Nanograf Pvt. Ltd by Kerala Start Up Mission.

LIST OF FACULTIES AWARDED WITH Ph.D.

Sl.No.	Name of the faculty	Dept	University/Institute	Year of award
1	Dr. Ambily Francis	ECE	Karunya University	2023
2.	Dr. Reshma Jose	BME	Karunya University	2023
3.	Dr. Divya R	CSE	Karunya University	2023
4.	Dr. Jis Paul	BME	Anna University	2023

IEDC @ SAHRDAYA

- A webinar titled "Future of AI" was conducted by Coders Club of IEDC Sahrdaya on 15th August 2023.
- Mr Jibin Jose Asst Prof BME delivered a lecture on How to plan for the Start up Legal and Ethical Steps in St Mary's College Thrissur on 21st August 2023.
- A webinar was conducted on 25th August 2023, two successful student entrepreneurs Ms Anagha Sunil and Ms Divya Dileep who won the Dreamvesters program conducted by the government of Kerala.
- An Orientation Program was conducted for the 1st year students on 25th Aug.23.
- The podcast team of Sahrdaya Podcast recently released a 60-minute episode titled "Podonam" in celebration of Onam. An Onam reel competition was conducted on 26th August 2023.
- Mr Jibin Jose Asst Prof BME delivered a session on Assistive technologies and Wearables for the students participating in YIP program 5.0 on 11 Sept.23.
- The Hardware Club of IEDC Sahrdaya organized a hackathon titled "Code Electro." on 29th September 2023.

SAHRDAYA NEWS & VIEWS

- Sahrdaya Engg. College's IEDC, in collaboration with NASSCOM Startups, launches the National Entrepreneurship Acceleration Programme, setting the stage for the 8-month-long 'Productathon program conducted on 25th Nov. 2023.' Mrs. Meena Thomas, Director and COO of Agappe Diagnostics Ltd,Mr. Sharon Sebastian, NASSCOM's Deputy Manager, Mr. Ajay Basil, a seasoned Startup Coach and Serial Entrepreneur are speakers for the event.
- Sahrdaya College of Engg. and Technology is honored to announce that four innovations have secured recognition at the Kerala Startup Mission IEDC Idea Fest 2023.

IEEE @ SAHRDAYA

- IEEE EMBS SCET organised an online poster making competition on the occasion of National Doctor's Day - 8th July 2024. It was conducted as an honour to the doctors of India and the World.
- The Keras Community Day event hosted by Sahrdaya College of Engineering and Technology on 19th August 24 brought together machine learning enthusiasts for an engaging and informative experience. The event featured 39 participants and included insightful talks by speakers PrasoonKottarathil and Don C John, both experts in the field of machine learning.
- IEEE CS SCET conducted a JAM on behalf of ENGINEERING DAY, which was held on 15th September 2023.
- IEEE CS SCET conducted a workshop on "MACHINE LEARNING USING PYTHON WORSHOP", which was held on 13th & 14th of September 2023.
- Altair 2.0 is a highly anticipated three-day flagship event conducted by IEEE Sahrdaya SB at Sahrdaya College of Engineering and Technology, Kodakara on 30th Sept. 23 -2nd Oct. 23.Altair 2.0 is a three-day national technical conclave that offers top-tier workshops, insights from industry experts, and a platform to enhance your skills in cutting-edge technologies such as AI and sustainable energy.The following sessions were conducted as part of Altair 2.0.

MACHINE LEARNING USING PYTHON WORKSHOP
FOR S3 CSE (2022-26) STUDENTS
RESOURCE PERSONS
Ms. Neenu Shereef — CLOUD INNOVATIONS
Ms. Aneette Sara — RESEARCH SCHOLAR, CUSAT
Ms. Blessy Paul P — RESEARCH SCHOLAR, MG UNIVERSITY
September 13th and 14th
DB labs 2 & 3, Main Block Lab 1

- Session on Cybersecurity-Aishwarya Dongre IPS, Manoj (Senior Police officer Cyber-crime police station Irinjalakuda)Subeeshmmon K S (SI of police Cyber-crime police station IJk).
- Introduction to ROS2 Through Docker Image - Mr. Govind S Warrier (Robotics Trainer and R & D Baabte Systems Technology PVT LTD).
- Managerial Workshop - Mr.Babusanker S (Assistant Professor, Mechanical Engineering,St. Joseph's College of Engineering and Technology, Pala).
- Underwater Robot Design Workshop - Mr.Sunil Paul (CEO of Srishti Robotics,Director of Christ Center for Innovation and open learning).
- MATLAB Powered EV Modelling - Abhinav Rajeev (Junior Research Fellow at IIT Palakkad).
- AR VR Workshop - Aromal P S (Former Technical Coordinator, Webmaster Out of the box,IEEE MEA SB) Muhammed Salah KT (Former Chairperson, IEEE MEA SB)
- Session on Entrepreneurship-Dr. Thomas George K (Chairman and Director, Lead College of Management).
- CRYPTIC 2.0 - NipinNiravath(Mentalist).
- Membership Development & Scope in IEEE- Antony Paul(YP & Student Activity Chair, IEEE Photonics Kerala Section).
- Session on Technology And Future- Mohammed Ramees (Kaztro)(Youtuber and Gamer)Vishnu(Doctor Gaming) (Youtuber and Gamer).
- Session on Leadership - Muhammad Ikan (Director-Society for Training and Development in Lakshadweep).

SPORTS @ SAHRDAYA

- In the APJAKTU women's Kabaddi competition at the zonal level, Sahrdaya came in fourth place. Two players were able to be selected for the interzone team selection list. It was held on October 28 and 29, 2023 at VAST.
- In the E-zone basketball men and women championship, which happened at ICCS College of Engineering and Management on November 1st and 2, 2023, we placed third in the men's section.
- We are in fourth place in the APJAKTU women's shuttle badminton competition. In the E-Zone competition, 18 colleges were competing here, and 23 colleges were competing in the Men's section. Men's section placed fifth in the competition that was conducted on Nov. 4 and 5, 2023, at NSS Engg. College Palakkad.
- In the APJAKTU, E- Zone volleyball competition, which took place in GEC, Palakkad on Nov. 10 and 11, 2023, we are ranked fifth position. One player was chosen for interzone selection trials, Mr. Muhammad Ans, Dept. of EEE.
- Results of the APJAKTU, E-zone chess tournaments: for the men's section, we came in sixth place out of 16 colleges that competed, and for the category for women, we came in seventh place out of 9 colleges that participated. Team Sahrdaya won the first ranking in the individual category (Men) with a perfect 5/5 record. Mr. Joyal Joy (S7 BM) was chosen for the Interzone Chess Championship. It was held at JCET, Lakkidi on 14th and 15th Nov. 23.

- The men's team of Sahrdaya Kho-Kho placed second in the APJAKTU Kho-Kho competition, which took place at GEC Palakkad on 25/11/2023. The team moved to the interzone.Mr. Sharon K C got selected to the Men's Kho-Kho University Team of APJAKTU 2023-2024.
- Ashlin Shaju of S7 BT was selected for the Inter-university Yoga competition held at Anna University, Chennai. He was selected from intercollegiate Yogasana championship 2023. Our University secured 68th position in the south west zone Yoga Championship.
- In the E-zone football tournament from 02 to 08 December 2023 held at NSS engineering college, Palakkad, Sahrdaya team qualified for the quarter final.
- Sharon K C of S3 BM got selected to the Men's Kho-Kho University Team of APJAKTU 2023-24.
- Orville George of S5 EEE got selected to APJAKTU Interuniversity Athletic team 2023-2024.
- Ashin Jiboo of S3 BM got selected to APJAKTU Interuniversity football team.

SAHRDAYA NEWS & VIEWS

NSS @ Sahrdaya

- 77th Independence Day Celebration : 15/08/2023 - A flag hoisting ceremony was conducted at the college. Rev. Fr. Antony Chungath, Executive Director and Dr. Nixon Kuruvila, Principal of Sahrdaya College of Engineering and Technology, Kodakara spoke at the ceremony.

- Pratheeksha Bhavan Visit - 15/08/2023 : The NSS Volunteers visited Pratheeksha Bhavan Special School in Irinjalakkuda. Cleaning activities were conducted and the volunteers engaged with the students.

- Cleaning and Beautification of Butterfly Garden - 21-22/2023 : The NSS Volunteers volunteered in the cleaning and beautification of a butterfly garden in the college.

- Distribution of Meals under "Onathinu Oru Oonu" Scheme - 27/08/2023 : Meals were distributed to the needy under Kodakara Flyover and nearby places. Kodakara Gram Panchayath President Ms. Ambili Soman spoke at the event.

- Carbon Neutrality Survey : The volunteers joined together to conduct the carbon neutrality survey in the college from 18/09/2023-21/09/2023. They fulfilled the requirements of the survey.

- Orientation Programme and Campus Activity - 22/09/2023 : The NSS Volunteers attended an Orientation Session. NSS Program Officer, Mr. Vijay C. U. spoke at the session and gave useful information to the volunteers.

- Pre-RD Selection Camp - 22/09/2023 : Two NSS Volunteers attended the Pre-RD Selection Camp held at Rajdhani Institute of Science and Technology. One of them got selected to attend the next camp.

- Aikya'23 KTU Care Thrissur-Palakkad Regional Meet - 22 & 23/09/2023 : Two volunteers attended a 2-day camp of KTU Care volunteers.

- Soil Survey - 23/09/2023 : A soil survey was conducted by the NSS Volunteers in the college.

- NSS Day Celebration - 24/09/2023 : The volunteers celebrated the NSS Day 2023 at the college. Various activities and interactive games were conducted under the guidance of the Program Officer, Mr. Vijay C. U.

- Wall Cartooning - 25/09/2023 : The volunteers participated in a full day wall cartooning activity in the Government Welfare LP School, Pulipparakunnu. The programme was coordinated by Program Officer, Mr. Vijay C. U.

- Sanjeevanam 2.0 - 04/10/2023 : A blood donation camp was conducted in the college by the NSS and Rudhirasena volunteers.

- Cleaning and Beautification of Kodakara Panchayath - 11/11/2023 : Cleaning activities and wall painting were conducted in Kodakara Panchayath under the "Maalinya Muktham Nava Keralam" Scheme of the Kerala Government. Kodakara Gram Panchayath President, Ms. Ambili Soman spoke at the event.

- Bavana Nirmaanam - 16/11/2023 : The agreement for the new house to be built with the help of the NSS Volunteers was approved. Two volunteers attended the event.

- NSS PACE Regional Meet - 25 & 26/11/2023 : Four NSS Volunteers attended the NSS PACE 2-day Regional Meet. Various interactive sessions were conducted for the volunteers.

- Webinar on Energy Conservation - 14/12/2023 : The NSS volunteers conducted a webinar on Energy Conservation on the National Energy Conservation Day 2023 (14th Dec. 2023). Two of the alumni NSS Energy Cell Thrissur - Palakkad Regional Coordinators, Mr. Jesto K. J. and Sandra P. Saju were the speakers of the session.

FACULTY EXCELLENCE

◇ BM

- Mr. Jibin Jose participated and gave valuable contributions in the meeting with Principals, Heads of Departments and Professors of Engineering Colleges in Thrissur/ Palakkad district organized by Kerala State Electricity Regulatory Commission on 16th August 2023 at Conference Hall, Thrissur

- Mr. Jibin Jose delivered a session on Assistive Technology and Wearables for students participating in Young Innovators Programme 5.0 on 11th Sept. 2023.

- Mr. Jis Paul was appointed as the chairperson of IEC (Institutional Ethics Committee), St. James College of Nursing Chalakudy with effect from 20th of February 2023.

- Mr. Jibin Jose was invited as a resource person in a Workshop entitled "Innovation and Entrepreneurship as career opportunity" by the Institutions Innovation Council, St. James College of Pharmaceutical Sciences on National Entrepreneurs Day on 9th Nov.2023.

- Ms. Reshma Jose, Assistant Professor in Biomedical Department completed her Phd defense from Karunya Institute of Technology and Sciences, Coimbatore.

- Mr. Jayakrishnan S, Assistant Professor at Dept. of Biomedical Engg. was invited as a judge for the Business Plan at Meraki 2023, the management event hosted by Sahrdaya Institute of Management Studies on Nov. 16th 2023.

- Mr. Jibin Jose gave an expert lecture on "How to plan for Start-Up and Legal and Ethical Steps" organized by the Department of Microbiology and Institution's Innovation Council at St. Mary's College, Thrissur on 21/8/2023.

◇ BT

- Dr.Amitha Joy has participated in the workshop on Computational Quantum Chemistry held on 13th and 14th Oct. 2023 at Sacred Heart college, Thevara.

- Received CERD Faculty Research Incentive of Rs.10000 for being the corresponding author of an SCIE indexed journal article entitled "In silico identification of potential small molecules targeting six proteins in Nipah virus using molecular docking, pharmacophore, and molecular dynamics simulation" published in Letters in Drug design and discovery, Volume 20, issue 5, 2022.

Congratulations
"Celebrating excellence in research"
DR. AMITHA JOY
BT Department
CERD Faculty Research Incentive Recipient
for Publication in SCIE Indexed Journal

- Dr.Amitha Joy successfully completed 12 week NPTEL FDP on the course 'Next generation sequencing technologies'.

- Dr Uma Krishnakumar successfully completed 12 week NPTEL FDP on the course "Mass Transfer Operations 1.

◇ ECE

- Dr.Silpa PA got patent granted on "Graphene Optical data storage using nanoholes with patent umber 449260"

- Dr.Silpa PA Incubated her company Neogaf Private Limited on Sahrdaya TBI and offered internships for our 4 students with stipend.

- Dr.Vishnu Rajan conducted a Google funded program, Google AI Campus Fest 2023. Program was inaugurated by Mr. Vishal Das, Community Manager, Google India.

- Dr.Vishnu Rajan selected as a Subject Matter Expert & Consultant for Internshala for compiling their coding courses and selected as a ATL Mentor in Charge for ATAL Innovation Mission, Govt of Kerala.

◇ CSE

- NPTEL online Certification "Joy Of Computing Using Python"-Ms.Rehna Baby Joseph

- Shortlisted for Presentation for "KTU RSM scheme" - Dr. Manishankar S.

- NPTEL online Certification-"Cloud Computing" - Top 2%   Dr. Manishankar S
- Dr. Satheesh Kumar Shortlisted for the APJ Abdul Kalam Technological University "Researcher of the Year Award-2022."
- Dr. Satheesh Kumar got an UK Patent Granted titled "Soil Sampling Stick Using Machine Learning", 2023 (Design number: 6295348).
- Dr R Sunder has participated as a Keynote speaker in the second international conference on neural networks and Machine learning, University of Jember Indonesia 7th-8th November.
- Dr R Sunder has participated as a Resource Person for a one-day machine learning workshop at Sri kailash womans college salem, tamilnadu.
- Dr R Sunder is an Editorial Board Member of the International Journal of Medical Imaging (ESCI Indexed).
- Dr. Manishankar S Shortlisted for Presentation for "KTU RSM(Research seed Money) scheme 2023-24.

✧ **CE**
- Ms Sujana attended a 4 week NPTEL FDP course on Geotechnical Engineering Laboratory organized by IIT Bombay and has secured an Elite Gold certificate.
- Ms Sujana attended a 4 week NPTEL FDP course on Perspectives on Neurolinguistic Programming organized by IIT Madras and has secured an Elite Silver certificate.
- Ms. Mini M attended a 12 week NPTEL FDP course on Basic Environmental Engineering and Pollution Abatement organized by IIT Roorkee and has secured an Elite certificate.
- Dr. Drisya M was appointed as the Reviewer of International Journal of Transportation Engineering and Technology(IJTET) ISSN Print: 2575-1743; ISSN Online: 2575-1751 https://www.sciencepg.com/j/ijtet from August 3, 2023 to August 3, 2026.
- Dr. Drisya M was appointed as the Reviewer for the Fourth International conference on Structural Engg. and Construction Management (SECON 23), organized by the Dept. of Civil Engg, Federal Institute of Science and Technology, held during 07/06/2023 to 09/06/2023.

✧ **EEE**
- Ms Drisya K Sasi, Assistant Professor, EEE Department, successfully completed NPTEL course on Advanced Power Electronics and Control with Elite Certification.

PAPER PUBLICATIONS & PRESENTATIONS BY FACULTY MEMBERS

- Ms. Nivya R.M and Dr. Amitha Joy published an article entitled In silico discovery of novel calcineurin inhibitors using ligand-based 3-D pharmacophore modelling and molecular dynamics simulation. Journal of Biomolecular Structure and Dynamics, 2023, Vol 41, 10-18. (PhD publication of Nivya R.M)
- Dr. Amitha Joy and Ms. Maria C Cyriac published an article entitled Modelling of AgrA inhibitors to combat anti-microbial resistance in Staphylococcus aureus. Journal of Biomolecular Structure and Dynamics, 2023, Vol 41, 1-8.
- Dr. Amitha Joy published an article entitled Pharmacophore modelling and molecular dynamics simulation to identify novel molecules targeting catechol-o-methytransferase and dopamine d3 receptor to combat parkinson's disease, Polymer Bulletin, 2023, Vol 80,1-31 Issue 12.
- Dr.Gnana King published a paper on "Prediction of the COVID disease using lung CT images by Deep Learning algorithm: DETS-optimized Resnet 101 classifier"in Frontiers in Medicine, September 2023.
- Dr.Gnana King published a paper on "Computer-aided diagnosis for early detection and staging of human pancreatic tumors using an optimized 3D CNN on computed tomography" in Multimedia Systems, August 2023.
- Binet Rose Devassy, Jobin K.Antony (2023). Histopathological image classi-fication using CNN with squeeze and excitation networks based on hybrid squeezing. Signal, Image and Video Processing, 17, 3613-3621 (Scopus, SCIE).
- Traffic Pattern Classification in Smart Cities Using Deep Recurrent Neural Network, MDPI, Sustainability 2023, 15(19), 14522; https://doi.org/10.3390/su151914522- Dr. Krishnadas J, Dr. Manishankar S.

- Dr. Manishankar S published paper titled "A Cloud based Interactive framework for emergency medical data sharing", Recent trends in Computational Sciences, Taylor and Francis ISBN-978-1-032-42685-3.
- Ms. Jayalakshmi P.K published a conference paper Machine Learning- Based Sleep Stage Prediction using EEG Signals recorded in PSG in the Second International Conference on Electrical, Electronics, Information and Communication Technologies ICEEICT 2023.
- Ms. Jayalakshmi P.K published a Research article on Identification and grading of Diabetic Macular Edema using KNN classifier in Proceedings of ICAPSM 2022 AIP CP Volume 2901, Dec 15 2023.
- Gnana King, Vishnu Rajan, Jensha Haennah published a paper titled "Predicting Pregnancy Complications Through Artificial Intelligence and Machine Learning" in the book chapter Machine learning based devices for pregnant women on August 2023 DOI: 10.4018/979-8-3693-1718-1.ch011
- Anusree K has published a paper 'A Novel Prediction of Alzheimer's Disease by using Artificial Intelligence' as a part of the Proceedings of the 7th International Conference on Intelligent Computing and Control Systems (ICICCS-2023).
- Rehna Baby Joseph has published a paper "Fungal Diseased Mango Leaves Segmentation Using Soft Computing Methods" as a part of the Proceedings of the 9th International Conference on Advanced Computing and Communication Systems (ICACCS-2023).
- Ms. Sujana R has published a paper 'Soil Stabilization Using Agro-industrial Waste' in Lecture Notes in Civil Engineering book series of Springer Nature as a part of the Proceedings of International Conference on Structural Engineering and Construction Management (SECON '23).
- Ms. Asha Devassykutty has published a paper 'Design and Modeling of a Precast Concrete Structure and Its Performance Evaluation with Conventional Structure' in Lecture Notes in Civil Engineering book series of Springer Nature as a part of the Proceedings of International Conference on Structural Engineering and Construction Management (SECON '23).
- Dr. SukhilaKrishnan published a paper on the topic "Biosensors for Carcinoembryonic Antigen Detection For FutureProspective: A Review" SCI indexed journal Sustainable Chemical Engineering doi:https://doi.org/10.37256/sce.4220233104.
- Dr.Sudha George published a paper on the topic "In-Silico drug discovery of natural BRAFV600E inhibitor for the treatment of colorectal cancer" in a Scopus indexed journal IC-SGMat International conference proceedings ISBN:978-81-9 65345-2-3.

WORKSHOPS & TRAININGS ATTENDED BY FACULTY MEMBERS

- Ms. Minu Davis and Ms.Jayalakshmi P.K participated in the Five Days Online Faculty Development Programme on "Artificial Intelligence & Machine Learning for Medical Image Analysis using Python" conducted by the Department of Electronics & Communication Engineering, CMR Institute of Technology, Bengaluru from 21st to 25th August 2023.
- Ms.Sony N.S, Ms.Jayalakshmi and Ms. Minu Davis participated in a webinar on Elevate Mathematics Teaching with MATLAB Via Experiential Learning organized by CoreEL Technologies held on 8th Sep 2023.
- Mr.Jibin Jose attended a Workshop on Design Thinking organized by Kerala Knowledge Economy Mission at Ernst & Young Wavespace, Thiruvanan-thapuram on 14th & 15th September 2023.
- Ms. Reshma Jose attended the Women Start Up Summit 2023 organized by Kerala StartUp Mission at Kerala Technology Innovation Zone, Kalamassery on 29th Sept. and presented the AAC Device developed as part of a project

done in collaboration with NISH and APJ Abdul Kalam Technological University.

- Mr.Jibin Jose participated in the Huddle Global organized by Kerala StartUp Mission at Trivandrum from November 16th to 18th 2023.

- Dr. Reshma Jose participated in a one week online Professional Development Programme on "Neurorehabilitation and Stroke Management" organized by the Department of Biomedical Engineering, Karpagam Academy of Higher Education from 20th November to 25th November 2023.

- Dr. Reshma Jose, Ms. Supriya Mary Sunil, Ms. Arathy M, Ms. Sony N.S, Mr. Jayakrishnan, Ms. Jayalakshmi, Ms. Minu Davis and Ms. Lavina Joseph attended a Five Days FDP on Modern Medical Instrumentation (Online Mode) in partnership with Biomedical Engineering Society of India at SRM institute of Science and Technology from 4th to 8th December 2023.

- Ms. Jayalakshmi P.K successfully completed the NPTEL Online Certification course on Machine Learning and Deep Learning - Fundamentals and Applications.

- Dr.Reshma Jose Sahrdaya College of Engg. and Technology has participated in the 7 Day National level Online Faculty Development Program on Outcome Based Education and Essential AI Tools for Teachers, organized by The Internal Quality Assurance Cell (IQAC) and The Dept. of Computer Science, St. Albert's College (Autonomous), Ernakulam, in association with The Kerala State Higher Education Council (KSHEC) from 02 Nov. 23 to 09 Nov. 2023.

- Ms.Jayalakshmi participated in 11-DAY INTERNATIONAL WORKSHOP ON CYBER SECURITY 2023 Organized by DEPARTMENT OF DATA SCIENCE at DWARAKA DOSS GOVERDHAN VAISHNAV COLLEGE held from 7th August - 18th August 2023.

✦ BT

- Dr. Amitha Joy, Ms. Smeera Thomas, Dr.P. Praveena,and Ms. Ranimol. G underwent training at Arjuna Natural Pvt Ltd , R&D Lab, Keezhmadu from 18th to 22nd July 2023.

- Dr Uma Krishnakumar participated and secured A Grade in a 7 day National Level online faculty Development Programme on "Chat GPT and AI Tools for Educators in-line with OBE organised by ST Joseph's College,Irinjalakuda in association with The Kerala State Higher Education Council from 19th to 26th July 2023.

✦ ECE

- Ambily Francis successfully completed 8 weeks NPTEL FDP on the course "Accreditation and outcome based learning" during August - October 2023.

- Ambily Francis participated in the coreEL Edu Summit 2023, Kochi held on 09/11/2023.

✦ CSE

- Faculty Development Programme on "Ai Trends and Industry use Cases-Contemporary and Future" Organized by Department of Computer applications,FISAT in association with TCS.25-09-2023- Ms.Rehna Baby Joseph.

- Six Days Faculty Development Programme on "Cyber Security" by SRMIST Kattankulathur chennai 21st to 26th August 2023 .- Dr. Manishankar S.

- Research Symposium on Synergistic Innovations, organized by RNSIT and IEEE SPS Society Bengaluru, November 17th 2023

- Dr. R. Satheesh Kumar attended a Six Days Faculty Development Programme on "Cyber Security" by SRMIST Kattankulathur chennai 21st to 26th August 2023.

- Six Days Faculty Development Programme on "Cyber Security" by SRMIST Kattankulathur chennai 21st to 26th August 2023.- Dr. Manishankar S.

- Research Symposium on Synergistic Innovations , organized by RNSIT and IEEE SPS Society Bengaluru, November 17th 2023

- NPTEL FDP and online Certification-"Cloud Computing" - Top 2% (82%) Dr. Manishankar S.

- Five Days Faculty Development Programme on "AI Trends and Industry Use Cases-Contemporary and Future" by FISAT in association with TCS from 25th to 30th September 2023. - Ms.Rehna Baby Joseph.

- Ms.Elsa Raju.A Successfully completed 12 Week NPTEL FDP on the Course "Data structures and Algorithms Using Java"

- Ms Geethu Wilson successfully completed 12 weeks NPTEL FDP course on Programming in Java by IIT Bombay.

- Ms Anusree K successfully completed 12 weeks NPTEL FDP course on Programming in Java by IIT Bombay

- Ms Roshni R Menon successfully completed 8 week course on NPTEL FDP Introduction to Machine Learning by IIT kharagpur and 12 weeks NPTEL FDP course on Programming in Java by IIT Bombay

- Ms.Rehna Baby Joseph Successfully completed 12 Week NPTEL FDP on the Course "Joy of python Programming"by IIT Kanpur.

✦ CE

- Dr. Drisya M has participated in the 7 Day National Level Online Faculty Development Program on Chat GPT & AI Tools for Educators, in-line with OBE organized by St. Joseph's College (Autonomous), Irinjalakuda in association with The Kerala State Higher Education Council from 19 July to 26 July 2023 and has successfully completed all the tasks, assignments and assessments of this online FDP and secured A grade.

- Dr. Drisya M has successfully completed the 1 Day National Level Online Faculty Development Program on FUSION 360 at JCT college of Engg. and Technology on 21st October 2023.

- Dr. Drisya M has participated in the NPTEL E-Awareness online workshop conducted by IIT Madras on July 26, 2023.

- Ms. Asha Devassykutty attended a 5 day international FDP (online) on Modeling, processing and characterization of composites organized by NITK, Suratkal on 13th to 17th September 2023.

- Ms. Gokila Chandran attended a 5 day international FDP (online) on Modeling, processing and characterization of composites organized by NITK, Suratkal on 13th to 17th september 2023

- Ms. Gokila Chandran participated in Google AI campus fest on 16th September 2023 at Sahrdaya College of Engineering And Technology.

✦ EEE

- Ms. Drisya K Sasi attended NPTEL-AICTE FDP on "Advanced Power Electronics and Control" during July-Sep 2023.

- Dr. V. Vijikala attended a Five days Faculty Development Programme on "Research Perspectives in Energy, Environment & Conservation" by SCMS School of Engineering & Technology from 29th May to 2nd June 2023

- Dr. V. Vijikala attended a Five days Faculty Development Programme on "Emerging Significance of Artificial Intelligence in Healthcare and Education" by Srinivas Institute of Technology from 11th Dec to 16thDecember 2023

- Ms. Drisya K Sasi attended a National workshop on "GaN based high-gain DC DC converter fed multilevel inverter for UPS applications organized by Department of EE, NIT Calicut on 4th September 2023

ASH

- Ms. Anu Jose participated in the webinar on 'Elevate Mathematics Teaching with MATLAB Via Experiential Learning' held on organized by CoreEL Technologies.

- Dr.Sudha George Valavi participated in Hands on training workshop on Drug design organized by Sacred Heart college Thevara.

- Ms. Anu Jose, MsSiji Thomas, Ms.Mayasree O and Ms.Jasmine Johny participated in 8 weeks course on "Accreditation and outcome based learning" and secured an Elite-Silver certificate organized by IIT Kharagpur.