Criteria 6:

Governance, Leadership and Management

6.3.3 Faculty Empowerment Strategies

Annual reports highlighting the programmes undertaken by the teachers

Report for the period

July 2022 – June 2023

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Report for the period
July 2022 – June 2023

July 2022

Dr. Praveensal C.J takes over as Campus Director and Dr. Anitha G Pillai as the new Principal of SCMS School of Engineering and Technology.

Fig 1.Dr. Praveensal C.J takes charge as the new Campus Director of SSET.

On 1st July 2022,Dr.Anitha G Pillai, took charge of the new principal of SSET. She was the former Dean of Academics, SSET.Dr.Praveensal C J, who was the former principal took over the charge of Campus Director, SSET. The management and staff of SCMS appreciated and wished them for their new venture.

Fig 2. Dr Anitha G Pillai takes over as the new Principal of SSET. Prof. Pramod P Thevanoor, Vice Chairman SCMS, Prof. Gopakumar Senior Group Director, and Dr. Praveensal C.J, Campus Director are also seen in the picture.

Entrepreneurship Awareness Programme by MSME and IEDC

Fig 1.Smt. Lathika Sasikumar, President, Karukutty Grama Panchayath inaugurating the Entrepreneurship Awareness Programme by MSME and IEDC .

MSME-Development and Facilitation Office, Thrissur , Ministry of Micro, Small & Medium Enterprises, Office of Development Commissioner (MSME), Government of India in association with , Innovation and Entrepreneurship Development Centre (IEDC) & Institution's Innovation Council – IIC, SCMS School of engineering and technology, Karukutty conducted one day Entrepreneurship Awareness Programme (EAP) on 05-07-2022 (Tuesday; from 10 am to 4 pm) for the budding entrepreneurs of nearby Panchayaths as part of World Micro, Small and Medium sized Enterprises (MSMEs) Day celebrations at SSET Karukutty campus .

Smt. Lathika Sasikumar, President, Karukutty Grama Panchayath inaugurated the function. Shri. Anoop K. Nair, HITRA Industries, Ernakulam attended as Guest of Honor and briefed his journey towards a successful entrepreneur and

motivated theaudience.77 External Participants, 10 + Central Govt and State Govt officials and 10+ elected representatives of Panchayath attended the event.

DEPARTMENT ACTIVITIES

The Department of Computer Science and Engineering, SCMS School of Engineering and Technology (SSET) has conducted a 3-day online international conference named International Conference on Computing, Communication, Security and Intelligent Systems (IC3SIS-2022) on June 23-25, 2022. The conference was an international platform aimed at bringing together prominent academicians, researchers, and research scholars to interact and share their experiences and hard-won technological achievements on all aspects of Computing, Communication, and Intelligent Systems based on their study. The conference's main purpose was to promote theoretical and practical study and development in recent advances in computing, communication, and intelligent systems. This conference also threw lights on the ongoing research in the field and hence to foster research relations between the Universities and the industry and give participants a review of the latest and upcoming trends in the next few Years.

Fig 1. Releasing The book of Abstracts IC3SIS'22 by Dr. Bijoy Jose Secretary, IEEE Kerala Section. Dr. M.V. Rajesh, Chair, IEEE Kochi subsection, Dr. Anitha G Pillai, Principal SSET, Prof. Dr. Venki Balasubramanian, Federation University, Australia, Dr. Varun G Menon, Professor and Head of the Department of Computer Science and Engineering, SSET and Dr Anu V R Associate Professor, SSET.

Knowledge sharing Program on "Introduction to Zotero" was held on 30th June 2022 by Ms. Merin Kuriakose, Assistant Professor**, Department of Civil Engineering**, SSET.

Department of Electronics and Communication Engineering has organized an International Conference on 'EMERGING TRENDS IN COMMUNICATION, MICROELECTRONICS, COMPUTING AND SIGNAL PROCESSING' on June 17th and 18th, 2022. The conference provided the attendees an insight into the latest innovations and challenges in the field of communication, computing and signal processing. This conference also provided a forum for scientific information exchange between researchers, developers, engineers, and practitioners working in these areas to discuss various developments and innovations in these fields. The resource persons from IIIT/NITs and industries enlightened the keynote sessions with emerging technologies in the area of communication, Machine Learning, Semiconductors and signal processing.

Department of Electronics and Communication Engineering, SSET organized a knowledge sharing session on the topic 'Basic Morphological operations in Image Processing' by the resource person Mrs. Retty George, Assistant Professor, Department of Electronics and Communication Engineering, SSET on 30th June 2022.

AEE - SSET Chapter in association with ARiME organized an invited talk on "Natural Resources Extraction and Climate Downfall" on 9th of June 2022. Dr. Soman Kunjupillai, Consultant Geologist in EIA projects. Retd. Research Geologist in the Centre for Earth Science Studies was the speaker for the event.

Basic Science and Humanities Department club "ATELIER" organised a 'Street Play' in the campus amphitheatre on June 27th 2022 to create an awareness on an international day against drug abuse and illicit trafficking.

On July 15th 2022 World Youth Skill Day, ATELIER organised a talk on "Stock Market and Efficient Investment Opportunities for the Young - an Overview" by Prof. Cherian Varghese, HOD, Finance Department, SCMS Cochin School of Business.

STAFF ACHIEVEMENTS

Dr. Varun G Menon, Professor and HOD, Department of Computer Science and Engineering, was invited as the Speaker for One Week High – End Workshop on Methods for Creating a Quality Research Article: Software and Writing Perspective (Physical Mode) organized by Indian Institute of Information Technology Kottayam Department of Electronics and Communication Engineering sponsored by Science and Engineering Research Board (SERB).

Ms. Sonal Ayyappan, Associate Professor Computer Science and Engineering was awarded her Doctoral Degree on 7th, July ,2022 from SRM Institute of Science and Technology ,Chennai. Her thesis was titled "Image Deduplication Method for Secured Storage and Transmission of Medical Images

A paper titled "Assessment of Microplastics in the vicinity of an urban solid waste management facility in India" has been accepted for publication in Bulletin of Environmental Contamination and Toxicology. Impact Factor: 2.807, SCI Indexed by Ratish Menon, Professor, Civil Engineering Department.

PLACEMENT ACTIVITIES

Batch 2018-2022 gets offers from SFO Technologies, D365 Solutions Pvt. Ltd., Zoho, Qspiders, and Medtronic's to bring the placements total to 124 placed with 230 offers.

Konfidence begins the second phase of training for the 2019-2023 batch catering to special training for Infosys and TCS recruitment drives.

Outlook-ICare Rankings 2022 – India's Best Colleges –
Issue dt July 11, 2022

Amongst Top 100 Private Engineering Institutes

SCMS School of Engineering and Technology ranked at No.43

August 2022

DEPARTMENT ACTIVITIES

The **Department of Automobile Engineering** conducted a Road Safety Training Session for SSET College Bus Drivers on 12 th August 2022. The training session was inaugurated by Dr. Anitha G Pillai, Principal, SSET. The first session on Road Safety was carried out by Dr. Manoj Kumar B, Associate Professor, Department of Automobile Engineering. The second session 'Safety on managing stress while driving' was carried out by Mr. Sujay K, Assistant Professor, Department of Automobile Engineering. The sessions received positive feedback from the drivers.

Fig 1 Dr. Anitha G. Pillai, Principal SSET, along with the Faculty of Automobile Engineering Department and SSET College Bus Drivers during the Road safety training session.

Dr. Albin Joseph, Assistant Professor, Automobile Engineering Department, was the speaker for the Knowledge Sharing Program conducted by the Department of Automobile Engineering on August 8th, 2022. He spoke on the topic "Introduction to the Design of Experiments".

The Department of Automobile Engineering launched the 3rd edition of their prestigious online Auto Quiz. The three round online quiz is for final year diploma students on July 27th,2022. The quiz has received almost 400 responses. If a participant cleared all three levels with the same /unique e-mail id they will be invited to participate in the Grand Finale on August 30th, 2022 (Tuesday) which is an offline round to be conducted at SCMS School of Engineering and Technology, Karukutty campus.

Dr. Varun G Menon, Professor and HOD, **Department of Computer Science and Engineering** delivered a session on ***"Avoiding Hijacked and Predatory Journals"*** at the Indian Institute of Information Technology, Kottayam on July 21st, 2022. The session discussed a fake version of an original legitimate journal. The session gave insights to attendees about the hijacked journal and also about how cybercriminals hijack print-only journals and create fake websites under the title of legitimate journals.

*Fig 1 Session on **Avoiding Hijacked and Predatory Journals** by **Dr. Varun G Menon,** Professor and HOD, Department of Computer Science and Engineering**.***

The **Department of Electrical and Electronics Engineering** conducted a two-day International Conference on "Power Electronics, Computing and Automation" was conducted on 14th and 15th of July 2022. The program started with an inaugural speech by Dr. Anitha G Pillai, Principal, SSET.The details of program was briefly explained by Dr. Jayanand B, HOD EEE followed by facilitation by Dr. Mini Tom, Deputy Dean SSET and vote of thanks by Dr.Divya Nath K, Associate Professor EEE. The program was handled by Mrs. Jayalakshmi S, Assistant Professor EEE.

Department of Electronics and Communication Engineering, SSET organized an Alumni talk session on the topic "Plan Your Studies Abroad for Free" by the resource person Ms. Darsana K C, Master's in Information and Communication Engineering, Darmstadt, Germany on 30th July 2022.

Department of Basic Science and Humanities organized a knowledge sharing session on the topic "Income Tax efiling: Things to Know", by Mr. Akhil Baby, Assistant Professor, Basic Science and Humanities, SSET on 27th July 2022.

STAFF ACHIEVEMENTS

Nuja M Unnikrishnan, Assistant Professor, Basic Science, and Humanities Department was awarded Ph.D. Degree from M G University, Kottayam for

Mathematics on the topic Application of fuzzy sets and graph theory in mathematical morphology.

Mr. Akhil Baby, Assistant Professor has published a paper titled "An overview of Socio-Economic Condition of Kudiya's Community at Kammadi Colony of Kasargod District " in the International Journal of Research and Analytical Review, UGC Journal in the month of August 2022.

Mr. Akhil Baby, Assistant Professor has published a paper titled "A Case Study on Life Mission Scheme in Piravom Municipality in Ernakulam District " in EPRA in the month of July 2022.

STUDENT ACHIEVEMENTS

Students of the eighth semester made SSET proud with their fabulous performance in the B Tech Degree Final Year Examination 2022. It was the result of unwavering dedication and sincere efforts of both teachers and students. Academic toppers of various departments are Ms. Bhavya Jinaraj of Computer Science and Engineering Department, Ms. Jeslin Sajeev of Electronics and Communication Engineering, Ms. Irin Pappachan of Electrical and Electronics Engineering, Mr. Rohit M of Mechanical Engineering, Mr. Ajith M P of Automobile Engineering, and Mr. Krishna Prasad of Civil Engineering Department.

Congratulations!

ACADEMIC TOPPERS
(2018-22 BATCH)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BHAVYA JINARAJ

ABHIRAMI C A

SILPA P T

SSET SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Campus: Vidya Nagar, Karukutty, Ernakulam – 683576 Kerala
Tel: 7034780074, 7034780073, +91 484 2882900

Accredited by
NBA NATIONAL BOARD OF ACCREDITATION
CE, CS, ME

Congratulations!

ACADEMIC TOPPERS
(2018-22 BATCH)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING

JESLIN SAJEEV

NISHA BENNY

KAVYA KRISHNA

SSET SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Campus: Vidya Nagar, Karukutty, Ernakulam – 683576 Kerala
Tel: 7034780074, 7034780073, +91 484 2882900

Accredited by
NBA NATIONAL BOARD OF ACCREDITATION
CE, CS, ME

Congratulations!
ACADEMIC TOPPERS
(2018-22 BATCH)

DEPARTMENT OF MECHANICAL ENGINEERING

ROHITH M   PRANAV P   CHRISTOPHER

SSET SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Campus: Vidya Nagar, Karukutty, Ernakulam – 683576 Kerala
Tel: 7034780074, 7034780073, +91 484 2882900

Accredited by
NBA
NATIONAL BOARD OF ACCREDITATION
CE, CS, ME

Congratulations!
ACADEMIC TOPPERS
(2018-22 BATCH)

DEPARTMENT OF AUTOMOBILE ENGINEERING

AJITH M P   ROHAN B NAIR   ALBIN DEVASSY & GAUTHAM KRISHNAN

SSET SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Campus: Vidya Nagar, Karukutty, Ernakulam – 683576 Kerala
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NATIONAL BOARD OF ACCREDITATION
CE, CS, ME

Congratulations!
ACADEMIC TOPPERS
(2018-22 BATCH)
DEPARTMENT OF CIVIL ENGINEERING

KRISHNA PRASAD

RAEESA UMMAR

T S KAVYA

SSET SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Campus: Vidya Nagar, Karukutty, Ernakulam – 683576 Kerala
Tel: 7034780074, 7034780073, +91 484 2882900

Accredited by

PLACEMENT ACTIVITIES

Twenty-Three students from batch 2019-2023 get placed in IBS Software Ltd., Twenty from Computer Science and Engineering, and three from Electronics and Communication Engineering.

The batch 2018-2022 continues with being placed bringing the number of offers to **235** and placed to **126**.

Three students of Civil Engineering recruited by Sobha Ltd from the batch 2018-2022

Sajna Shiyas of M. Tech Computer Science and Information Systems, batch 2020-2022 gets placed with D365 Solutions Ltd.

TCS and Infosys conducting their placement drive during the month of August 2022 for the batch 2019-2022.

September 2022

SSET Celebrates ONAM

Onam was celebrated by the students and faculty of SSET with exciting events and mesmerizing procession along with various idols which represent our

culture and tradition. Students have experienced the harmony of togetherness with various cultural events, games and in addition, adding the sweetness of payasam enriched the experience.

Fig:1 and 2 ONAM 2K22 at (SSET) SCMS School of Engineering and Technology.

Fig: Liveliness of the students and performers together celebrating ONAM at SSET

DEPARTMENT ACTIVITIES

The **Department of Automobile Engineering** in association with SAE India Collegiate Club of SCMS hosted a seminar on "Hybrid Technologies" by Toyota – Kirloskar Motor Pvt Ltd (TKM) on September 13th 2022. Dr. Anitha G Pillai, Principal, SSET, and Dr. Jenson Joseph E, HOD, Department of Automobile Engineering inaugurated the seminar. The speakers of the seminar were Mr. Charan Gupta B. R, South Strategic Planning, TKM, and Mr. V Karthikeyan, Technical Service, TKM. The seminar was attended by several members of the senior management of Nippon Toyota, the largest Toyota dealer in Kerala. Students from various branches of SSET attended the seminar. the campus for a live demonstration
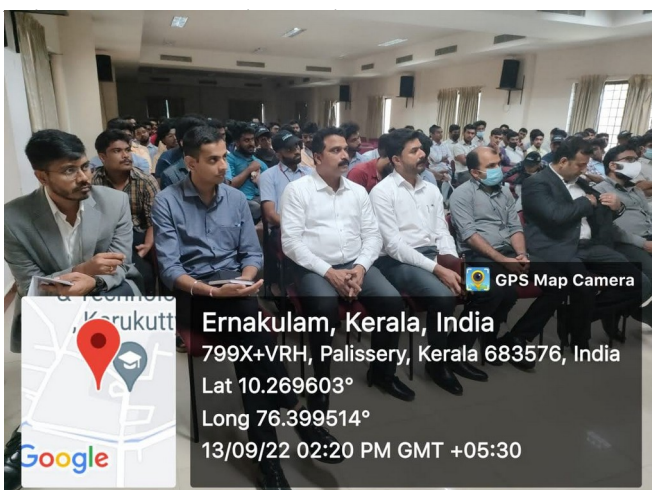
Fig: Mr Charan Gupta (1ˢᵗ from left) with members of Nippon Toyota management.

Department of Electronics and Communication Engineering organized KTU sponsored five day Faculty Development Program (FDP) on **"Advances in Wireless Communication: 5G and Beyond 5G Networks"** during 22nd - 26th August 2022. This FDP covered topics like 5G Network for smart health care using IoT handled by Dr. Ragesh G K (IIIT, Kottayam), Advances in 5G and beyond 5G Wireless Communication by Dr. Neelakantan P C (MITS Principal, Ernakulam), Antenna technologies used in 5G technologies by Dr. Deepti Das Krishna (CUSAT, Ernakulam),Communication using RFID tags by Dr. Sumi M (NSS College of Engineering, Palakkad), Federated Learning in 5G by Dr. Vijay A (SSET, Ernakulam), Software Defined Radios by Dr. Sunil T T (Principal, College of Engineering, Attingal) and Signal Processing Algorithms for 5G by Dr. Gandhiraj R (Amrita School of Engineering, Coimbatore). The resource persons provided us an insight into the latest innovations and challenges in the Fifth generation of wireless communication systems.

The **Department of Computer Science and Engineering**, SCMS School of Engineering and Technology, organized a 5-Day Offline Faculty Development Programme, "Advancements in Image Processing Applications "from 29th August to 2nd September 2022. The programme was sponsored by APJ Abdul Kalam Technological University and was inaugurated by Dr. K Mennakshy,

Professor and Head, Department. of Electrical and Electronics Engineering, Government of Engineering College, Palakkad. Dr. Varun G.Menon, Head of the Computer Science department welcomed the gathering, and Dr.Anitha G.Pillai, Principal, SSET, gave the presidential address. Dr. Sonal Ayyappan, Associate Professor, Computer Science Department, was the Centre Coordinator of the FDP. This Five-Day Faculty Development Programme was handled by eminent resource persons from academia and industry. This Faculty Development Programme provided a strong theoretical background along with practical experience in the field of Image Processing (IP).

A team of six faculty members of Computer Science and Engineering Department, Assistant Professor Ms. Rosebell Paul, Ms. Neethu Krishna, Ms. Asha S, Mr. Mahesh K M, Mr. Scaria Alex, and Teaching Assistant Ms. Sreemol R were deputed for Smart India Hackathon 2022 which is Nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. They were appreciated for their exceptional contribution as Technical Experts in Smart India Hackathon, 2022 which was held at SCMS School of Technology and Management on 26th and 27th August 2022.

Fig: TEAM SMART INDIA HACKATHON 2022

Basic Science & Humanities Department had organized an offline KTU sponsored 5-day FDP on "Psychology for Engineers" from August 22nd to 26th 2022. For the five day FDP, thirty faculty members participated from KTU affiliated colleges. The sessions were handled by eminent speakers who have expertise in the arena of Psychology and Education. Dr. T Ravichandran, Professor IIT Kanpur, Dr. Dilip Barad, Professor, Gujarat University, Mr. Hariharan, Student Counselor, VIT, Vellore, Ms.Febini M Joseph, Assistant Professor, Basic Science and Humanities, SSET handled various sessions on the significance of Psychology in teaching learning process in the post pandemic scenario.

Department of Civil Engineering organized KTU Sponsored Five-day Faculty Development Programme (FDP) on "Sustainable Developments in Transportation Geotechnics" from 22nd to 26th August, 2022 was inaugurated by Dr. K Balan, Retired Professor, Department of Civil Engineering, CET Thiruvananthapuram. Dr. Anitha G Pillai, Principal of SSET delivered the

presidential address. The first lecture was delivered by Dr. K Balan. Other notable speakers to date include Dr. Jayamohan Jayaraj, Professor, LBS Institute of Technology for Women, Trivandrum, Dr. K. S. Reddy, Professor, Department. of Civil Engineering, Indian Institute of Technology, Kharagpur, Dr. Jimmy Thomas, Geotechnical Consultant, Executive committee member, Indian Geotechnical Society, Dr. Jayasree P.K, Professor, Dept. of Civil Engineering, College of Engineering, Trivandrum and Dr. Anil Joseph, Managing Director, Geo Structurals Pvt. Ltd., Kochi.

Fig: Participants of KTU Sponsored Five-day Faculty Development Programme (FDP) on "Sustainable Developments in Transportation Geotechnics along with Dr. Anitha G Pillai, Principal, SSET.

Staff Achievements

Mrs.Deepa. K, Assistant Professor, Department of Masters in Computer Application was awarded PhD in Computer Science from Bharathiar university

on the topic ' **A machine learning approach for Android Malware Detection Using Refined Attributes'** on 2nd September 2022. The research work analysed various static and dynamic features in Android operating system and proposed a machine learning model for malware detection using refined attributes.

Mrs.Deepa K Awarded PhD in Computer Science

Mr.Scaria Alex, Assistant Professor of Computer Science and Engineering has completed his PhD on 3rd September 2022 from Kalasalingam University, Madurai on his research on **"Hybrid Classification Algorithm for detecting Malicious Javascript Code"**.The research was on to identify if the code embedded in a webpage contains Maliciousness that could infect a user system with the help of deep learning and swarm algorithm.

Mr.Scaria Alex Awarded PhD in Computer Science

Dr. Ratish Menon, Professor, Civil Engineering Department published a paper titled "Assessment of urban air quality from Twitter communication using self-attention network and a multilayer classification model" in the Journal Environmental Science and Pollution Research.

A Knowledge Sharing Program on "Career Opportunities of Environmental Engineers" was held on 29th August 2022 by Ms. Meera Varghese, Assistant Professor, Department of Civil Engineering, SSET.

Ms. Susmi Jacob, Assistant Professor, Department of Computer Science and Engineering, has delivered a seminar Context-aware computing in smartphones on 23rd August 2022.Context-aware computing describes the situation where a wearable/mobile computer is aware of its user's state and surroundings and modifies its behavior based on this information.

Dr. Manish T I, Professor, Department of Computer Science and Engineering, has delivered a session on Solar Image Processing - A Multiscale View. The session provided insight into different solar phenomena and life cycle of the Sun. The discussion extends to Sun-Earth Connection and how it affects the space and earth climate. Further how it can be utilized for computing purposes for classification and prediction. The seminar concluded with opportunities associated with solar research and dataset availability.

Ms. Asha S, Assistant Professor, Department of Computer Science and Engineering has conducted a seminar on 'Adversarial Machine Learning' as part of KTU PhD regulation on 30th August,2022. She conveyed the importance of machine learning in today's era, the need for making machine learning systems reliable and robust. She addressed the various adversarial attacks and attack generation strategies. A detailed study on various adversarial machine learning tools were also introduced.

Ms. Febini M Joseph, Assistant Professor, Basic Science & Humanities Department, handled a session on Counselling for the KTU sponsored 5-day FDP on "Psychology for Engineers" from August 22nd to 26th 2022. The session highlighted the importance of counselling among students and teachers in colleges and the ways to reduce stress.

Mr. Akhil Baby, Assistant Professor has published a paper titled "An Analysis of Economic Welfare Schemes for Scheduled Tribes in India " in EPRA International Journal of Socio-Economic and Environmental Outlook(SEEO) in the month of September 2022.

STUDENT ACHIEVEMENTS

B.Tech Automobile Engineering students from the 2018 – 2022 batch of the Department of Automobile Engineering participated in the 9 th Go Kart Design Challenge organised by ISNEE at Aruani Grid, Bangalore from 22 nd to 26 th August 2022. Mr. Devdath Baburaj, Captain of Rapidez Racing EV was awarded the best captain in the EV category.

Fig: Rapidez Racing EV (Kart No: E – 29) finished 4th overall in the EV category at 9th GKDC

Fig: Rapidez Racing EV (Kart No: E – 29) finished 4th overall in the EV category at 9th GKDC

PLACEMENT ACTIVITIES

Yadhukrishnan R of Civil Engineering, batch 2018-2022 placed with L & T Construction as a Graduate Engineer Trainee.

Four students from batch 2019-2023 get offers from Technologics (Technologics Global Pvt. Ltd.)

Companies that shortlisted students from batch 2019-2023 for the next level (interview) of placements are: -

Ey Gds – 29, Cognizant – 76, TCS – 28, Hexaware – 14, and SOTI – 2.

OCTOBER 2022

Department of Electronics and Communication Engineering organized a Knowledge sharing session on the topic 'Low latency wireless systems' by the resource person Dr. Vijay A, Assistant Professor, on 29th September 2022 at SCMS School of Engineering and Technology.

Dr. John Tharakan, Fulbright-Nehru Senior Scholar, Visiting Professor (WOC), addressed faculty members of the **Department of Civil Engineering** and discussed possible research collaboration areas on 29th September 2022 from 10.30 am to 11:00 am. He also addressed the students of S3 M. Tech Environmental Engineering.

A team of 21 students and two faculties from the **Department of Computer Science and Engineering**, SCMS School of Engineering and Technology participated in the 2022 edition of the International Conclave on Skills, Engineering, and Technology (ICSET) at the CIAL Trade Fair and Exhibition Center on 30th September 2022. The Faculty representatives were Ms. Rosebell Paul and Dr. Deepa K, Assistant Professors from the Department of Computer Science and Engineering.

The **Department of Basic Science & Humanities** organized an extension program for school students of class IX-XII "Digging Science and Exploring Arts" on September 26th 2022. Twenty-three students from Nava Nirman public school, Jeevas CMI Central school, Matha Nagar public school, Saraswathy Vidyalayam, and Seventh-day Adventist Secondary school actively participated in all the sessions and bagged prizes.

Atelier, the club of the Basic Science & Humanities Department celebrated National Postal Day on 10th October 2022. Students from all semesters and branches wrote letters to those who need the concern and affection of someone. With the help of Kootu Charitable Trust, Ammaveedu, and Thellakam the needy were identified. Students got a chance to familiarize themselves with the art of communicating through letters and an opportunity to interact with others.

NSS Activities

NSS units of SCMS School of Engineering and Technology observed Gandhi Jayanti on 2nd October 2022. An online quiz competition 'GANDHI PADH' was conducted to spread awareness about the importance of Gandhian principles among NSS volunteers. The competition was officially inaugurated by the NSS Programme officer and 20 NSS volunteers participated in the quiz competition.

Staff Achievements

Ms. Neethu Krishna, Assistant Professor, Department of Computer Science and Engineering delivered a talk on "Wireless Sensor Networks" at Oriental Group of Institutions on 22nd September 2022.

Dr. Manish T. Professor, Department of Computer Science and Engineering delivered a talk on the "Social Media Analytics Workshop" at SRM Institute of Science and Technology on 30th September 2022.

Dr. Scaria Alex, Assistant Professor from the Department of Computer Science and Engineering delivered a session on "Interplanetary File System" at SCMS School of Engineering and Technology on 30th September 2022.

Ms. Jane Theresa, Assistant Professor of Basic Science and Humanities participated and presented a paper titled 'Eco philosophy in Patrick White's Novels' at the Two Day International Conference on Learning Language and Literature for Life held on 9th and 10th September 2022 at National College Trichy.

Ms. Divya M S, Assistant Professor has published a chapter titled "Resilience speaks the beauty of pain" in a book named Re-spacing Menstrual narratives in the month September 2022.

PLACEMENT ACTIVITIES

Batch 2019-2023 placement offers received are 119 from companies like **TCS**, **IBS**, **SOTI**, **EY GDS**, **COGNIZANT**, **AMZUR**, and **EXPERION** to name a few. The recruitment process is being conducted by companies **QBURST**, **MITSOGO**, **QUEST GLOBAL**, **6D TECHNOLOGIES**, and **TESSOLVE**.

The pre-placement training for batch 2019-2023 concludes with the final session held on the 12th and 21st of October 2022.

A session on the topic "**Facing the Interview Panel with CONFIDENCE**" was organized by the SCMS School of Engineering and Technology's Placement Cell on 25th October 2022. The session was handled by Assistant Professor, Ms. Divya M.S. (Department of Basic Science and Humanities)

The virtual inauguration of the B. Tech 22nd Batch was held on 22nd October 2022. **Dr. Ramesh Unnikrishnan, Advisor, All India Council for Technical Education** was the Chief Guest for the programme which was available on the SSET FB page from 11.00 a.m. onwards

The induction program for the first-year B. Tech Batch 2022 - 2026 started on 25th October and shall continue till 29th October 2022.

NOVEMBER 2022

Eighth edition of the Dr. Pradeep P. Thevannoor Innovation Awards (PPTIA)

In a novel initiative to crack down on the country's problems, this year, SCMS School of Engineering and Technology, in association with SCMS School of Architecture, conducted Dr. Pradeep P. Thevannoor Hackathon Awards (PPTHA), a 'Hackathon' involving creative school minds with riveting and innovative ideas to address a set of socially relevant problem statements. This hackathon was the Eighth edition of the Dr. Pradeep P. Thevannoor Innovation Awards (PPTIA), which is instituted to commemorate the spirit of innovation of our late Vice-Chairman, Dr. Pradeep P. Thevannoor.

The schedule of the 24-hour event was planned and well executed so as to ensure that the school participants get an all-around development of soft skills, personality skills, and technical skills along with entertainment and yoga sessions. The Grand Finale Event was a '24 Hour Hackathon' which started at 2 pm on the 16th of November 2022 and continued till 2 pm on the 17th of November, 2022.

Dr. R. Bindu, Minister for Higher Education and Social Justice, Govt. of Kerala, was the Chief Guest for the event.

The team **Unstoppable from Bhavan's Vidya Mandir, Elamakkara** came up with the best solution for the problem statement Domestic Waste Management. The team members were Lal Krishna S, Raghav S Hegde, and Abhishek U Pai along with their mentor Veena S Shenoi.

The winners for the problem statement Solution Against Stray Dog Attacks were **ARRT from Vidyodaya School Thevakkal.** The team members were Aryan Renjith Nair, Rihan Navas, Rohit Krishnan, and Thaniya Azhar along with their mentor Sabitha Thambi.

The team **FLIP from C.K.M.N.S.S Senior Secondary School, Chalakudy** bagged the first prize for the problem statement Detecting Fraud links received in Whatsapp/SMS/Social Media. The team members were Nirmal U S, Vishakh V, Sai Krishna Prem Jyothika R along with their mentor Renuka S Menon.

Fig: Winners of PPTHA 2022 receiving Trophy and Cheque from Dr. R. Bindu, Minister for Higher Education and Social Justice. Dr. Sam Thomas, Professor, SMS, CUSAT, Dr. Radha P. Thevannoor, Registrar and Group Director, SCMS, Dr. Anitha G. Pillai, Principal, SCMS School of

Engineering and Technology and Dr. Varun G. Menon Coordinator, PPTIA 2022 are also seen in the picture.

NAAC Peer Team Visit

NAAC Peer team visited SCMS School of Engineering and Technology on 9th and 10th November 2022 to assess the performance of the institution for the 2nd cycle. The team comprised Chairperson Dr. Avula Damodaram, Dr. Quamrul Hassan, Member Co-ordinator, and Dr. Mohan Bangaru, Member.

The process of assessment began with an in-depth interaction with the principal of the college after she presented a bird's eye view of its performance. The team visited the various departments and inspected the facilities of the institution and also interacted with students, parents, alumni, and staff to obtain their perspectives on the institution's performance. A grand Cultural show was performed by the students of SCMS School of Engineering and Technology on the 9th evening, showcasing various Indian cultures which made the huge audience spellbound. During the Exit meeting, the members of the team expressed their happiness and satisfaction about the performance of the college. They also suggested a few necessary steps required for the future development of the Institution.

Fig: The NAAC Peer Team handing over the report to Dr. Anitha G Pillai, Principal of SSET during the Exit meeting. Prof. Pramod P. Thevannoor Vice Chairman of SCMS is also seen in the picture.

The **Department of Mechanical Engineering** organized a Product Development competition (blackboard duster) for the students of semester three of Mechanical Engineering on 5th November 2022. 32 students participated and developed blackboard dusters.

Three Projects from the **Mechanical Engineering department** are selected for KSCSTE-TECHFEST 2022. The project ideas are Ecofriendly disposable plates from waste cotton cloth and agricultural waste, A low-cost centrifugal spinning technique for the fabrication of polymeric nanofibers, and Keyman's safety system for prevention from collision accidents

The **Department of Electronics and Communication Engineering** organized a Knowledge sharing session on the topic ''Practical Implementation of IoT'' by the resource person Mr. Vinoj P. G, Assistant Professor, Department of Electronics and Communication Engineering, SCMS School of Engineering and Technology on 31st October 2022.

The **Department of Computer Science and Engineering** in association with ICT Academy of Kerala organized a 1-week Induction Programme for 2022-2026 batch students. Purpose of Student Induction Programme is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.

Fig 1: Dr. Varun G Menon, Head of the Department of Computer Science and Humanities welcoming the students

Department of Computer Science and Engineering in association with the Innovation and Entrepreneurship Development Centre (IEDC) and the Institution's Innovation Council – IIC, SCMS School of engineering and technology, Karukutty, supported by Tinker Hub and GDG Cochin communities organized a 24-Hour Hack, Techkriti '22**,** a hackathon from 31-

Oct-2022 to 01-Nov-2022 where the students learned cutting edge technologies on the first day and solved real-life problems as teams. A total of 9 teams of 5 members in each team competed to solve two problems where the best two solutions in each problem were awarded. There were three mentors physically present from Tinker Hub, Kochi to support the participants.

Mr. Rahul P Balachandran, Managing Director, Inker Robotics inaugurated the hackathon with inspirational words, and Mr. Sharon Sebastian, Naascom 10000 startups, Regional Lead, Kerala State with a motivational speech concluded the event. The judges for evaluation were Mr. Praveen Kamath, Asst. Professor and Systems Head - SCMS Group of Educational Institutions, Dr. Sonal Ayyappan, Associate Professor, Computer Science and Engineering Department, Mr. Vinoj P Assistant Professor, Electronics and Communication Engineering Department, SCMS School of Engineering and Technology. Later the winners of the hackathon got a chance to connect with Mr. Rahul P Balachandran, Managing Director, Inker Robotics, Thrissur for a live project as an internship.

The hackathon provided a platform for the students in solving problems that have social relevance and that could be effectively used to produce innovative solutions. This hackathon also helped them to explore the role of different branches of science and technology and how to apply them in various fields.

Fig 2: Participants of Techkriti '22 actively participating in the discussion

As part of Innovative Teaching Methodology, Mr. Amal P Dev, Assistant Professor of the **Automobile Engineering Department** organized an Expo on 21st October 2022. The Expo was conducted using the Kinematic Inversion models developed by the students based on the theory part they have learned in the subject "Theory of Machines".

Two faculty members and 25 students from the **Department of Automobile Engineering** participated in the "Smart Mobility Summit" conducted by the Confederation of Indian Industries (CII) at Le Meridian, Kochi on 19th October 2022.

Staff Achievements

Ms. Praveena S Kammath, Assistant Professor, Department of Electronics and Communication Engineering published a paper titled "Detection of Bundle Branch Blocks using Machine Learning Techniques" in the Indonesian Journal of Electrical Engineering and Informatics in the month of September 2022.

Dr. Gibin George, Assistant Professor, Mechanical Engineering department secured elite NPTEL certification on "Laser based Manufacturing".

Dr. Raghav G R, Assistant Professor published a research paper entitled "Role of traversing speed and axial load on the properties of friction stir welded dissimilar AA6101-T6 and AA 1350 aluminum alloys" in the Journal of the Chinese Institute of Engineers, Taylor and Francis, Impact Factor -1.107, SCI and Scopus Indexed, Q2 Journal.

Dr. Gibin George, Assistant Professor, Mechanical Engineering Department is selected as editor for a special issue "Optical and Optoelectronic Properties of Materials and Their Applications" in the MDPI publication.

Ms. Jane Theresa, Assistant Professor, Department of Basic Science and Humanities, secured the first position at the state level for the National Level Research paper writing competition titled Subhash Swaraj Sarkar organized by Bharathiya Shiksha Mandal. Representing the state, she has been invited to attend Research Conclave at Greater Noida.

Mr. Akhil Baby, Assistant Professor of the Basic Science and Humanities Department has published a paper titled "An Overview of Socio- Economic Condition of Paniya Community in Aralam Farm of Kannur District, Kerala" in EPRA International Journal of Economics, Business and Management Studies (EBMS) in the month of November 2022.

PLACEMENT ACTIVITIES

QBURST, TECH MAHINDRA, QUEST GLOBAL and SUTHERLAND offer placement opportunities to our Batch 2019-2023, bringing our offers to 165 with 96 students placed.

REDBLACK SOFTWARE conducted an On Campus recruitment drive for our students from batch 2019-2023 on 21.11.2022.

DECEMBER 2022

Dr. Anitha G. Pillai, Principal, SCMS School of Engineering and Technology, was the Chief Guest for the Annual Day celebration of Campion School, Edapally, Cochin on 3rd December 2022. Her gracious presence encouraged and motivated the students and parents.

Department Activities

The first and second phases of the "Basic Vehicle Maintenance" workshop were conducted by Semester Five Automobile Engineering students on 4th November 2022 and 24th November 2022. 135 Students attended the workshop. Principal Dr. Anitha G Pillai inaugurated the workshop on 4th November 2022.

Fig :1 Students from various semesters attending the Basic Vehicle Maintenance workshop.

Automobile Department association TORQUE conducted a Career Guidance Program for Semester seven students of Automobile Engineering on 5th November 2022. Students were given a mock written test examination to face PSC examinations. Mr. Chris Morais Secured First Prize and Mr. Binil A Kumar Secured Second Prize. The event was organized by Associate Professor Dr. Manoj Kumar B and Assistant Professor Mr. Aravind P V.

As a part of "Industrial Safety Engineering," Dr. Manoj Kumar B Associate Professor Automobile Engineering Department organized a "First Aid and Trauma Care" workshop for S7, S5, S3 Automobile, S7 Mechanical, and S7 Electronics and Communication Engineering students. Dr. Binoy, Head of Emergency Department, Apollo Adlux Hospital along with his team performed a live hands-on training in First Aid and trauma care for students on 29th November 2022 from 10.00 am to 2.00 pm. The students were awarded participation certificates.

Fig: 2 Dr. Binoy, Head of Emergency Department, Apollo Adlux Hospitals and his team performing a live hands-on training in First Aid.

Automobile engineering association conducted a "Bootcamp on Fusion 360" a hands-on training program for S5 and S3 Automobile students on the recent releases of AUTOCAD software. Mr. Jishnu S, Autodesk Certified Instructor from BIMIT CAD Solutions was the resource person. Mr. Sujay K, Assistant Professor Automobile Engineering Department coordinated the event.

As a part of innovative teaching methodology, for the papers "Advanced IC Engines" students of S7 Automobile Engineering were taken for an Industrial Visit to Auto Grade, Thrikkakara to have learning about "Adblue technologies". Mr. Aravind P V and Dr. Albin Joseph, Assistant Professors Automobile Engineeeirng Department accompanied the students.

The Principal of Union Higher Secondary School, Annanadu, along with 40 students and 2 faculty members visited Automobile Lab, SCMS School of Engineering and Technology on 2nd December 2022. The team took part in the "Basic Automobile Components" workshop. Mr. Aravind P V and Mr. Sujay K, Assistant Professors Automobile Engineering Department were the resource persons and the event was coordinated by Mr. Sujay K.

Fig :3 Mr. Aravind P V, Assistant Professor, Department Automobile Engineering explaining about Basic Automobile Components to the students of Union Higher Secondary School, Annanadu

The Department placement cell conducted a placement drive for the pass-out automobile students. Lap 47 Performance Studio, Ernakulam, a premium car servicing and detailing company took part in the placement drive. Mr. Lal Bharathan, MD and Founder, Lap 47 Performance studio and Ms. Haritha, HR Manager, Lap 47 Performance studio conducted the recruitment process. Two students of 2017-2021 batch Mr. Tinson T T and Mr. Prajul M P were shortlisted and given offer letters. Mr. Lal Bharathan delivered a pre-recruitment speech for the students of Automobile Engineering.

SCMS School of Engineering and Technology (SSET) and KNITSTART Ventures LLP, a venture of Carnival Group of Companies, Mumbai, inked an MoU on 15th December 2022. This MOU will enable the students and faculty members of SSET to get trained in automotive diagnostics. Additionally, chosen students will get internship opportunities. Upon completion of the internship, the company could hire the intern.

Mr. Sasi Menon, Director, Carnival Group of Companies, Prof. Pramod P Thevannoor, Vice Chairman, SCMS Group, Dr. Praveensal C J, Campus Director, SSET, Dr. Jenson Joseph E, Head of the Department of Automobile Engineering, SSET were present during the occasion.

Fig: Mr. Sasi Menon, Director of Carnival Group of Companies handing over the MoU to Prof. Pramod P Thevannoor, Vice Chairman, SCMS Group. Dr. Praveensal C J, Campus Director of SSET, Dr. Jenson Joseph E, Head of the Department of Automobile Engineering, Dr. Suresh Kumar, Dean of Academics, and Mr.Sujay K, Assistant Professor,SSET, are also seen in the picture.

The Basic Science & Humanities Department organized an online International Conference on Applied Sciences on November 24th and 25th 2022. Renowned speakers from eminent universities enriched the sessions with their valuable and informative talks. We had sessions with expert talks from Dr. Biju Vasudevan Pillai, Professor, Hokkaido University, Japan, Mr. Nikhil Mohanan, Doctorant, LMS, Ecole Polytechnique, France, Dr. Renjith R, Assistant Professor (Grade II) Indian Institute of Management, Ranchi. National and International representations were there for paper presentations and participation.

Atelier, Basic Science & Humanities Department club had organised World Television Day on November 21st 2022. A debate competition was organised for students from all semesters and branches. There were more than seventy-

five registrations and the winners received cash prizes and participation certificates. Ms. Aksa Santa (S1 CO) and Mr. Anirudh Kumar (S3 CS1) won first prize and the runners up were Mr. Aby Antony (S7EC) and Mr. Harikrishnan (S7ME).

A talk was organized by the Internals Complaints Committee on "Challenges Faced by Women in Workplace " for UG and PG girl students and female staff of SSET on November 28 th 2022, from 2 PM to 3 PM. 30 girls students from both UG and PG along with several female staff members of SSET participated in the event. Dr. Deepa. K, Assistant Professor Computer Science and Engineering welcomed the resource person. The intention of the talk was to equip our girl students who are getting ready for their professional life, to face the challenges they would encounter in their workplace.

Department of Computer Science and Engineering in association with Edureka organized a two day workshop on **" Full Stack Developer"** for Semester5 Computer Science students.The workshop was conducted on 21 st and 22 nd of November, 2022. *Ms. Sindhya K Nambiar*,Assistant Professor ,Department of CSE and *Dr. Arshey M* ,Assistant Professor ,Department of CSE organized the event.The topic on the first day was about front end, mainly HTML and CSS. The second day was focussed on back end connection mainly SQL. Around 130 students attended the session.

MCA Association day was held 24th November, 2022. The event started with a presentation by Mr.Godly.GM (S3 MCA) on Git and GitHub. The presentation included the basics of the version control system and git and how to create an account in GitHub. Also some important features of GitHub. The presentation has helped the students to understand what Git and GitHub is all about and the advantages of it. Also had another informational presentation by

Mr.Anandhu(S3 MCA) about placement preparation . Some of the popular websites for practicing coding and books to refer for aptitude tests were shared.

As a part of the Department Social Outreach Programme a Technical Talk on *"Website Development using WordPress and Wix"* was conducted at Government High School Palissery on 1ˢᵗ December 2022 for the ninth standard students. The session was delivered by Mr. Emil Jaison and Mr. Mukul Mehta, students of semester seven Computer Science and Engineering. The students were assisted by two faculties, Dr. Deepa K,Assistant Professor and Ms.Neenu Sebastian,Assistant Professor from the department of CSE.Forty-Nine students of class IX attended the session and benefited from the session.

Staff Achievements

Ms. Aswathy K Cheriyan , Assistant Professor, Department of Computer Science and Engineering was awarded PhD in Computer Science from SRM University on 2ⁿᵈ December, 2022 .

Ms. Arshey M, Assistant Professor, Department of Computer Science and Engineering was awarded Ph.D. in Computer Science from Noorul Islam Centre for Higher Education on 9ᵗʰ December 2022.

Dr. Jenson Joseph. E, Head of the Department, Automobile Engineering appointed as Editorial Board Member of "American Journal of Polymer Science and Technology", Science Publishing Group, USA from 21st November 2022 to 21st November 2024.

Dr. Manoj Kumar B, Associate Professor, Automobile Engineering Department presented a talk on "Road Safety Awareness" at SCMS College of Polytechnics, Perumbavoor on 19th November 2022.

Ms. Gayathri S Warrier, Assistant Professor, Department of Computer Science and Engineering was awarded Ph.D. in Computer Science from Noorul Islam Centre for Higher Education on 26th November 2022.

Dr. Varun G Menon, Head of the Department, Professor, Department of Computer Science and Engineering delivered a session at the SERB Sponsored workshop organized by the Indian Institute of Technology Design and Manufacturing, Kanchipuram on the topic "Avoiding Hijacked and Predatory Journals".

Student Achievements

Lakshmi H, (Semester 5 Computer Science) student secured first prize for the "Meet the Leaders Series - Discussion" held at St. Teresa's College Ernakulam on 6th December 2022.

Aditya Hari (Semester 5 Civil) and Harikrishnan T. P. (Semester 7 Mechanical) students won second prize in the Debate competition held at Christ College, Irinjalakuda on 30th November 2022. Harikrishnan T. P. also bagged the cash prize for the best speaker.

PLACEMENT ACTIVITIES

Global Quest Technologies, Speridian, Redblack Software, White Rabbit, Naico IT, Smartsoc Solutions, and Jobin & Jismi IT Solutions are the companies that offered placement opportunities to our students from batch 2019-2023. The offers for this batch stand at 198 and 113 placed to date.

Cognizant in an endeavor to include, enable and invest everyone around in today's fast-changing technology landscape and to be aligned with the industry launched Digital Nurture - Reverence – Faculty Enrichment Program. Assistant Professor Ms. Beena Puthillath(EEE) and Dr. Deepa K(MCA) represented the placement cell (SSET) to participate in the event at Kochi Cognizant facility (CNC office at Infopark Phase 2) on 17th December 2022.

The Mechanical students of Batch 2019-23 visited Kurlis for an updation on the mechanisms used in the operation of machinery in the core sector.

Fig.1 Detailed explanation on the working of the machinery given to the Mechanical Engineering students of batch 2019-2023.

Fig. 2. Batch 2019-2023 Mechanical Engineering students after their visit to Kurlis.

JANUARY 2023

Department Activities

The Basic Science and Humanities Department organized a still model or working model competition **"TRACK MATH WITH FIFA WORLD CUP 2022"** in connection with National Mathematics Day on 22nd December 2022. Participation was restricted for the First semester B Tech students and models were exhibited in the Atrium. Dr. Anitha G Pillai, Principal, SSET, felicitated the function at the Conference hall during the Inauguration ceremony. Dr. Mini Tom, Professor, Deputy Dean, Basic Science and Humanities Department distributed prizes for the winners. A total of 10 groups, consisting of 4 members each competed for the event. Indrajith V V, Joezac Joseph Sunil, Shon Mathews, Fahad Ibrahim of Semester one of Electronics and Communication Engineering bagged first prize and second prize winners were from Semester one Computer Science Engineering Radhika Udayakumar, Sneha Sunil, Toufeer M A, Aravind S of Semester one Data Science along with Fazil Firoz, Karthik S, Basil Laiju, Aurag K P. Winners of the competition were given cash prize and certificates.

Faculty Achievements

Dr. Manish T, Associate Professor, Department of Computer Science and Engineering, SCMS School of Engineering and Technology published a book chapter titled 'Predictive Analytics on Female Infertility using Ensemble Methods' in Computer Vision and Image Processing in the Deep Learning Era with DOI: 10.4018/978-1-7998-8892-5 on 25th December 2022.

Ms. Jane Theresa, Assistant Professor, Department of Basic Science and Humanities published a book chapter titled 'Eco philosophy in Patrick White's novels The Tree of Man and Voss' in the book Blossoming Research in Literature with ISBN: 9789395423052 on 2nd January 2023.

A Knowledge sharing Program on "Concrete material science: Past, Present and Future Innovations." was held on 22nd December 2022 by Ms. Nandita Mohan, Assistant Professor, Department of Civil Engineering, SCMS School of Engineering and Technology, Karukutty.

Student Achievements

Ms. Lakshmi H, fifth semester student of Computer Science and Engineering Department, SCMS School of Engineering and Technology won first prize in the 'Meet the leaders ' discussion conducted at St Teresa's College, Ernakulam on 22nd December 2022.

Mr. Gokul Unni and Mr.Abhishek S, fifth semester students of Computer Science and Engineering Department , SCMS School of Engineering and Technology won second prize in Android Campus Fest organized by Sahrdaya College of Engineering and Technology on 22nd December 2022.

*Fig 1. **Mr.Gokul Unni** and **Mr.Abhishek** receiving prize at Android Campus Fest organized by Sahrdaya College of Engineering and Technology*

Mr. Sahil Ali and **Mr. Arfan MT** first semester students of the Department of Computer Science and Engineering, SCMS School of Engineering and

Technology won third place receiving a cash prize of Rs. 2000 in the SharkTank event conducted by Rajagiri School of Engineering and Technology, Ernakulam on 21st, December 2022.

*Fig 2. **Mr. Sahil Ali** and **Mr.Arfan MT,** first semester students of Department of Computer Science and Engineering participating in SharkTank event conducted by Rajagiri school of engineering and technology, Ernakulam*

Ms. Sreeniktha Valsan, fifth Semester student of Department of Computer Science Engineering, won first prize in Photography and painting competition organized by the Department of Civil Engineering, SCMS School of Engineering and Technology,Karukutty,Ernakulam.

Fig 3. Photograph taken by Ms.Sreeniktha Valsan, fifth Semester student of Department of Computer Science Engineering, bagging the first prize.

Mr. Amal Krishnan, Mr.Sooraj ,Mr.Muhammed Ziyad ,Mr.Ransif Manaf and Mr.Saajid Basheer, fifth semester students from Department of Computer Science and Engineering ,SCMS School of Engineering and Technology won third prize and was awarded a cash prize of Rs.10,000 in Teckothon , Hackathon organized by Sahrdaya College of Engineering and Technology on 21st, December 2022.
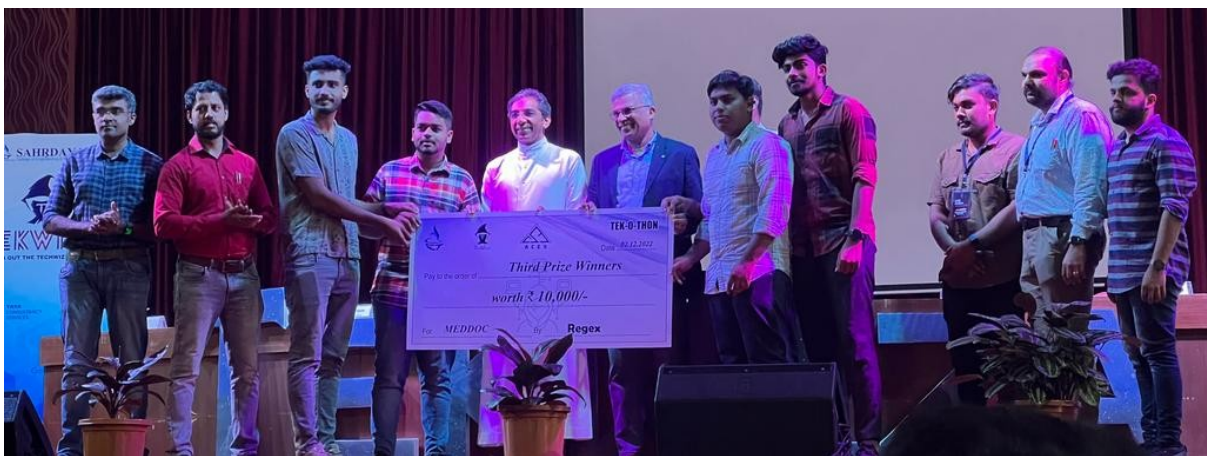
Fig 4. *Mr.Amal Krishnan , Mr.Sooraj, Mr.Muhammed Ziyad ,Mr.Ransif Manaf and Mr.Saajid Basheer* receiving cash award from the organizers of *Teckothon conducted by Sahrdaya College of Engineering and Technology*

PLACEMENT ACTIVITIES

The number of students placed updated to 116 with 207 offers received for Batch 2019-23

NAMES OF COMPANIES THAT SELECTED STUDENTS FROM BATCH 2019-23

2019 - 2023 BATCH		
SI.NO	COMPANIES	NO. OF OFFERS
1	Technologics Global Pvt Ltd	5
2	SOTI	1
3	TCS	15
4	Cognizant	48
5	IBS Software	23
6	EyGDS	18
7	Recruit CRM	1
8	Pentagon Pvt. Ltd.)	8
9	Amzur	1
10	Experion	16
11	Hitachi Solutions	1
12	Qburst	3
13	Tech Mahindra	5
14	Quest Global	7
15	Sutherland	24
16	Global Quest Technologies	10
17	Speridian	1
18	REDBLACK Software	6
19	White Rabbit	1
20	Naico IT	2
21	SmartSoCs	2

22	Jobin & Jismi IT Solutions	1
23	Nissan Digital	2
24	Wisilica	1
25	Interland Technology Services Pvt. Ltd	2
26	Captain Fresh	2
27	Mozilor Technologies Pvt. Ltd	1
	Total	207

Ms. Anjali Krishna and Ms. Lenita Biju, fifth semester students from the Department of Computer Science and Engineering, and Ms. Sreelakshmi T U, seventh semester student from the Department of Electronics and Communication Engineering were selected for Matsue Internship for the year 2023. The internship starts on 4th February 2023 at Matuse city and Shimane University, Japan.

FEBRUARY 2023

Department Activities

A one day hands on workshop on Microsoft Excel for the non-teaching staff of SSET was organized by Internal Quality Assurance Cell and Department of Computer Science and Engineering on 3rd February,2023 from 9.00am to 12.00 pm.The Session was handled by Ms. Asha S Rakesh, Assistant Professor and Ms. Athira Manikuttan ,Assistant Professor Department of Computer Science and Engineering, SCMS School of Engineering and Technology.

Department of Automobile Engineering organised a Knowledge Sharing Programme on the topic "Electric Vehicles- Financial Perspective" by Dr. Manoj Kumar B, Associate Professor, at 3D Printer Room, SSET on 31st January 2023.

The Department of Civil Engineering organised a three-day training programme on FEFLOW software from 18th to 20th January 2023 in association with Danish Hydraulic Institute (DHI). The research scholars, PG students and

academicians from various institutions attended the program. Ms. Sreya M, Technical Support engineer-DHI was the resource person. The workshop was aimed at giving an introduction to FEFLOW and its graphical user interface; Creating 2D and 3D mesh geometries; Setting up flow models with confined and unconfined aquifers; Setting up mass-transport models; Setting up steady-state and transient models; Usage of GIS/CAD data interfaces and other formats.
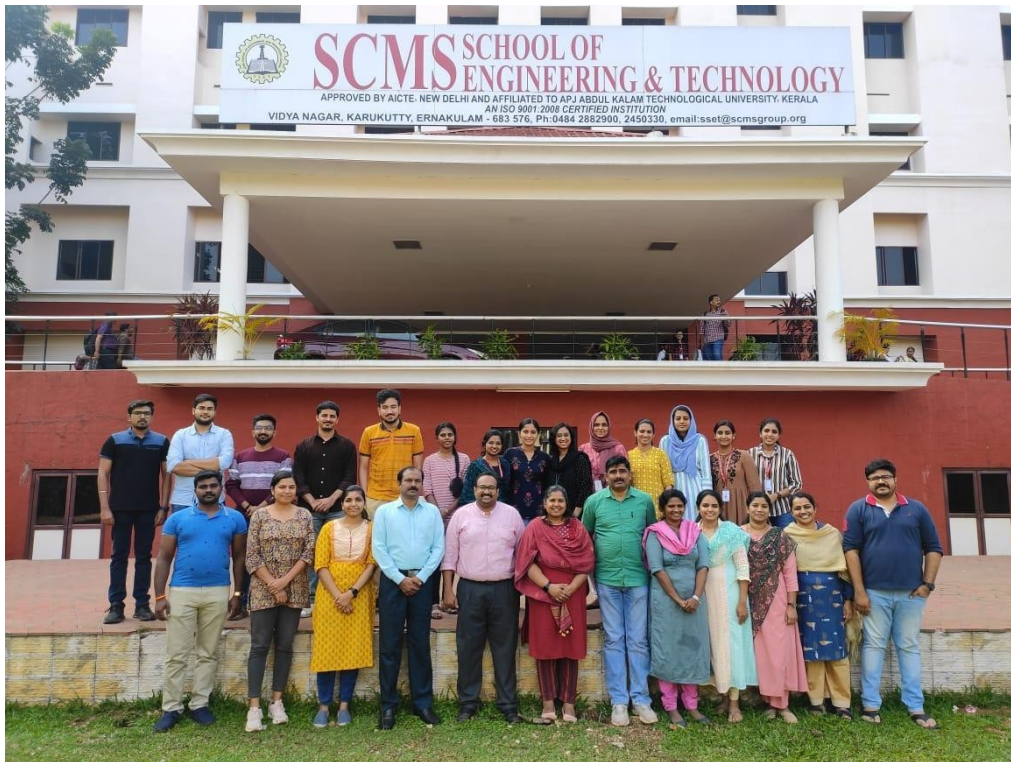
Fig 1: Three-day training program on "Modelling Groundwater Flow and Quality using FEFLOW" participants along with Ms. Sreya M., MIKE – Technical Support Engineer, DHI India and   Dr. Sunny George, Director, SCMS Water Institute

A Knowledge Sharing Program on "Service Learning in Engineering Education" was held on 30th January 2023 by Dr. John Tharakan, Professor on Sabbatical at SCMS School of Engineering and Technology and Professor, Howard University, United States.

A five- day program on "Refresher training for Civil Engineering Labs" was conducted from 31st January 2023 to 4th February 2023 for the staff and faculty of the Department of Civil Engineering. A refresher training for Geotechnical Engineering Lab, Environmental Engineering Lab, Transportation Engineering Lab, Survey Lab and Material Testing Lab was done by expertise from the Department of Civil Engineering. All faculty and technical staff members of the Department of Civil Engineering attended the training program.

The Department of Civil Engineering conducted Session IV of Technical Experience sharing series about the topic "Studies on Horizontal curves to reduce roadway crashes" on 14th February 2023 by Ms. Arsha Sajeev K, Staff Engineer in Traffic and Transportation, BETA Group, Wethersfield, USA who was an alumnus of SCMS School of Engineering and Technology (M.Tech Environmental Engineering 2016-2018 batch). The fourth semester Civil Engineering students attended the program.

Fig 2: Session IV of Technical Experience sharing series participants along with Ms. Arsha Sajeev K, Staff Engineer in Traffic and Transportation, BETA Group, Wethersfield, USA

The Counseling Cell and the Department of Basic Science and Humanities in association with IQAC, SSET organized a Staff Development Programme on 30/01/2023 from 10.30 am to 12.30 pm. There were 3 sessions and the first session was handled by Ms. Mufeeda M. Y, Counsellor, SSET on the topic "Emotional Intelligence (EI) in Professional Development ". And the second session was by Ms. Divya M S, Assistant Professor, Department of Basic Science and Humanities, on the topic "Importance of Communication". The last talk was on LSRW (Listening, Speaking, ReadingWriting) by Ms. Rony Tresa, Assistant Professor, Department of Basic Science and Humanities.All the Lab and Non-teaching staff participated in the activities that were given.

The Department of Basic Science and Humanities organized the KSP on Design and development of Cu II Based Anti-Cancer Drugs by Dr Nithya Mohan, Assistant Professor, Department of Basic Science and Humanities in the HYBRID mode on 2nd February 2023.

Faculty Achievement

Dr. Vidya Chandran, Associate Professor, Department of Mechanical Engineering attended a two day workshop on "YIP - Train the Trainers" organized by Kerala Development and innovation Strategic Council in association with Samagra Siksha Keralam at NEST, Muvattupuzha on 20th and 21st January 2023.

Mr. Nikhil Asok N, Assistant professor, Department of Mechanical Engineering, attended a five-day FDP on Modern Trends in Advanced Manufacturing-A Research Perspective from 16th to 20th January 2023, at GEC Idukki.

Dr Raghav G. R , Associate Professor, Department of Mechanical Engineering has been selected as the young professional advisory board member of SAE international from the month of February 2023.

Dr Rag R L , Professor, Department of Mechanical , published a research article titled "Comparative Performance Evaluation of Wire-bonded Micro Heat Pipes with Acetone and Water as Working Fluid" in IEEE Xplore, PP 371-374, January 2023.

Dr Mahesh Rengaraj R, Professor, Department of Mechanical Engineering, received certificate of appreciation from the journal Asian review of mechanical Engineering for reviewing journal during the period 2020-2022 on 30th January 2023.

Dr [Vidya Chandran](#), Associate Professor, Department of Mechanical Engineering received appreciation certificate from NPTEL and SWAYAM for her active performance as SPOC of SSET for the period July-December 2022 on February 2023.

Dr Raghav G R, Associate Professor, Department of Mechanical Engineering coordinated online IPR awareness program under the flagship of Kalam Program for Intellectual Property Literacy and Awareness Campaign (KAPILA) and National Intellectual Property Awareness Mission (NIPAM) on 8th Febraury 2023 from 10 am to 11 am. Around 200 student's and faculty's attended the program.

Ms Anandhi V, Associate Professor, Department of Electronics and Communication Engineering presented a paper on "Malware Detection using Dynamic Analysis" in the IEEE International Conference on Advances in Intelligent Computing and Applications, organized by Department of Computer Applications, Cochin University of Science and Technology from 1st to 3rd February, 2023.

Dr.Deepa K , Assistant Professor , Department of Master of Computer Application , SCMS School of Engineering and Technology delivered a talk on the topic 'Artificial intelligence (AI) based smart Agriculture for Sustainable Development' for State Agriculture Management & Extension Training Institute, Department of Agriculture , Government of Kerala on 24th January,2023.

Dr. Manish T I, Professor, Department of Computer Science and Engineering , SCMS School of Engineering and Technology delivered a hands-on session for KTU sponsored FDP on "Data Analytics and its applications" at Sahrdaya College of Engineering and Technology on 30th January,2023.

Dr.Anu V R ,Associate Professor ,Department of Computer Science and Engineering , SCMS School of Engineering and Technology delivered a session on "Termination Detection" at Sree Narayana Gurukulam College of Engineering on 31st January,2023.

Dr. Santhosh M.V, Assistant Professor, Department of Basic Science and Humanities published an article & on Solvothermal synthesis of WS2 rectangular Nano plates and their application in photothermal therapy " in the Journal of Materials Science: Materials in Electronics.

PLACEMENT ACTIVITIES

Batch 2019-23 updates at 122 placed with 207 offers from 120 Companies that approached for placements.

Unisys , Thence, Aloha Technology Pvt. Ltd., Maverick System conducts online tests shortlisting our students to the next level of placement process.

MARCH 2023

Department Activities

The Department of Electrical and Electronics Engineering in association with ACE has conducted the first session of a five day Add-On Course on "Autodesk AutoCAD" on 16th February 2023. The resource person was Mr.Arun Joy, Design Engineer,Tritech Design Academy Ernakulam .It was a full day programme. The 11 students of S8 EEE and 9 students of S6 EEE attended the session. This session helps electrical engineers to design integrated systems in a fraction of the time normally required when creating the process by hand.

Fig 1. First Day of Add-On course, session handled by Mr. Arun Joy, Design Engineer,Tritech Design Academy Ernakulam.

The Department of Electrical and Electronics Engineering along with IEDC SCMS School of Engineering organised a two day workshop on Power Electronics for EV, Control Systems, Embedded systems and Electrical CAD on 13th and 14th February 2023. The resource persons were Dr.Jayanand B, Head of the Department and Mr.Varun Jose ,Assistant professor of the Department of Electrical and Electronics Engineering . The workshop was meant for S8EEE and S6EEE students . Total 18 students (S6 & S8 EEE) attended both the sessions. The topics covered on 13th February 2023 were Power Electronics for EVs, Introduction to Electrical CAD, Electrical CAD basic commands, Programming Embedded Systems. The topics covered on 14th February 2023 was Control System Design and Implementation, Hardware implementation, Familiarisation of basic wifi automation switch , basic off grid solar power , familiarisation of 50kw solar power plant of SCMS School of Engineering and Technology.

Fig 2. Electrical CAD session handled by Dr. Jayanand B, Head of the Department of Electrical and Electronics Engineering

The Department of Electrical and Electronics Engineering has conducted one hour talk on the topic "Electrical CAD versus MEP Engineering" The session was handled by Mr. Rahul Ramachandran, Mr. Anandu G and Mr. Akil Babu, Trainers of Solid CAD, M G Road, Kochi. The session was on 27th February 2023 from 2:45pm to 3:45pm and the venue was AD-II 302. Eleven students of S8EEE and Nine Students of S6EEE attended the session.

The Department of Basic Science and Humanities in association with ATELIER, launched a new talk series - the "CAL Talks" (Communication and Aspiration Launch). It is an initiative where the students of SSET are going to share their experience and expertise in various topics which would be a form of knowledge sharing as well as an inspiration for the students to dive into various possibilities and enhance their future. The first session of CAL Talks was held on 6th March 2023 at the Seminar Hall by Mr. Harikrishnan T P of semester 8 Mechanical Engineering and an entrepreneur. He is the founder and Managing Director of Datahub Technologies and has over 25 employees working under him.

Fig 3: Mr. Harikrishnan T P, student, semester 8 of Department of Mechanical Engineering who is an entrepreneur delivering the session on talk series - the "CAL Talks"

The Department of Civil Engineering, SCMS School of Engineering and Technology conducted a 15 day short term course on "Geospatial Data Processing and Analysis" from 20th February 2023 to 6th March 2023 in online mode. 26 participants from various fields like Faculty members, Architects, Engineering Professionals, Research Scholars attended the program. The external resource persons were Dr. Sathish Kumar D, Associate Professor, NIT Calicut, Dr. Girish Gopinath, Associate Professor, Kerala University of Fisheries and Ocean Studies S, Mr. Jean Joy, GIS Consultant, UK and Dr. Suresh Francis, Senior scientist, Kerala State Remote Sensing and Environment Centre. Dr. Ratish Menon, Professor, Dr. Nisha L, Associate Professor, Dr. Praseeja A V, Assistant Professor, Ms. Merin Mathew, Assistant Professor and Ms. Meera Varghese, Assistant Professor, Department of Civil Engineering, SCMS School of Engineering and Technology also taken hands-on sessions in this program.

The Department of Civil Engineering, SCMS School of Engineering and Technology conducted a "Sketch up software training" for SCMS College of Polytechnics final year students at SCMS College of Polytechnics, Odakkali on 9th March 2023. The resource person was Mr. Akshai K Sugathan, Assistant Professor, Department of Civil Engineering, SCMS School of Engineering and Technology. SketchUp is a suite of subscription products that include SketchUp Pro Desktop, a 3D modeling Computer-Aided Design program for a broad range of drawing and design applications — including architectural, interior design, industrial and product design, landscape architecture, civil engineering and mechanical engineering. Twenty one Civil Engineering Diploma students attended the training.

<u>Faculty Achievement</u>

Mr. Nikhil Asok N, Assistant professor, Department of Mechanical Engineering, attended five day FDP on Modern Trends in Advanced Manufacturing-A Research Perspective, from 16th to 20th February 2023, at GEC Idukki.

Dr Raghav G. R , Associate Professor, Department of Mechanical Engineering has been selected as the young professional advisory board member of SAE international from the month of Feb 2023.

Dr Rag R L , Professor, Department of Mechanical Engineering, published a research article titled "Comparative Performance Evaluation of Wire-bonded Micro Heat Pipes with Acetone and Water as Working Fluid" in IEEE Xplore, PP 371-374, Jan 2023.

Dr Mahesh Rengaraj .R, Professor, Department of Mechanical Engineering, received certificate of appreciation from the journal Asian review of mechanical Engineering for reviewing journal during the period 2020-2022 on 30th January 2023.

Dr Vidya Chandran, Associate Professor, Department of Mechanical Engineering, received appreciation certificate from NPTEL and swayam for her active performance as SPOC of SCMS School of Engineering and Technology for the period July to-December 2022 on February 2023.

Dr Raghav G R, Associate Professor, Department of Mechanical Engineering, coordinated an online IPR awareness program under the flagship of Kalam Program for Intellectual Property Literacy and Awareness Campaign (KAPILA) and NIPAM on February 8th 2023 from 10 am to 11 am. Around 200 students and faculties attended the program.

Dr. Praseeja A V, Assistant Professor, Department of Civil Engineering has been awarded the APJAKTU - CERD - Research Seed Money Scheme funding of Rs. 1,55,000 for the project titled "Study of dispersion coefficient of contaminants through different types of soils and remediation using natural fibres."

Ms. Merin Mathew, Assistant Professor, Department of Civil Engineering has been awarded the APJAKTU - CERD - Research Seed Money Scheme funding

of Rs. 1,60,000for the project titled "Catchment scale source apportionment of sediment yield into Vembanad Lake".

Ms. Meera Varghese, Assistant Professor, Department of Civil Engineering has been awarded the APJAKTU - CERD - Research Seed Money Scheme funding of Rs. 46,000 for the project titled "Sea water intrusion modelling into some of the coastal aquifers in Thrissur district."

Dr. Rahul R Pai, Assistant Professor, Department of Civil Engineering has been awarded the APJAKTU - CERD - Research Seed Money Scheme funding of Rs. 90,000 for the project titled "Fatigue studies and resilient behavior of crushed brick fly ash lime (CBFL) mix for use in base layer of flexible pavement".

Ms. Asha S, Assistant Professor Department of Computer Science and Engineering has received CERD Research Seed money of 1.59 L for a research proposal

Dr. Manish T I, Professor of the Department of Computer Science and Engineering SCMS School of Engineering and Technology has attended short term training program on Geospatial Data Processing and Analysis organized by the Department of Civil Engineering, SCMS School of Engineering and Technology, Karukutty from 20th February to 06th March 2023

PLACEMENT ACTIVITIES

Batch 2019-23 updates at 124 placed with 225 offers from 125 Companies that approached for placements.

Imageinfo system Pvt. Ltd, Thinkpalm Technologies Pvt. Ltd, Shriram Finance Ltd, and Hindustan Unilever Ltd are some of the companies conducting online tests for our students from batch 2019-23

The pre-placement training by Konfidence,33/740 C, Link Retreat, Vennala P.O, Kochi 682028. started for batch 2020-24 on 22nd February 2023.

APRIL 2023

Department Activities

Financial assistance was received from KTU for student projects "Forest fire fighting PPV drone" and "A deep learning model for smartphone authentication during voice interaction through in-ear wearable sensors" guided by **Dr. Varun G Menon**, Professor and HOD, Department of Computer Science and Engineering, SSET and **Ms. Susmi Jacob,** Assistant Professor, Department of Computer Science and Engineering, SSET.

Figure 1 .Received Financial assistance from KTU for student projects.

As part of an interdisciplinary initiative of SSET, a group of B. Tech Computer Science and Engineering students with SCMS Water Institute collaborate with Kerala Water Authority in developing a smart water distribution network using sensors and warning systems, to reduce non-revenue water and maintain water quality in the project " Water Security plan for Irinjalakuda", which is being initiated as requested by Hon'ble Minister for Higher Education. This interdisciplinary initiative was presented by the team before Superintendent Engineer, KWA, Central Circle Kochi, and was highly appreciated. KWA will visit SSET next week to finalize this innovative initiative**.**

The Department of Electrical and Electronics Engineering in association with ACE has conducted 30 hours Addon Course, "Autodesk AutoCAD" on16/02/2023,01/03/2023,10/03/2023,13/03/2023, and 31/03/2023. The resource person was Mr.Arun Joy, Design Engineer, Tritech Design Academy Ernakulam. 11students of S8 EEE and 9 students of S6 EEE attended the session. This session helps electrical engineers to design the integrated system in a short span of time when compared to creating the process manually.

Fig 1: Mr. Arun Joy, Design Engineer, Tritech Design Academy Ernakulum handling final day session.

The Department of Electrical and Electronics Engineering, SCMS School of Engineering and Technology conducted a knowledge sharing program on the topic "Introduction to PSAT " on 18th March 2023 at 9:30 am. Ms. Priya Venugopal, Assistant Professor of the Department of Electrical and Electronics Engineering was the speaker for the session.

Faculty Achievements

Ms. Neethu Krishna, Assistant Professor, Department of Computer Science and Engineering delivered a talk on "Paper Hack App" as a part of the KSP series on 30th March 2023.

Dr. Varun G Menon, Professor, and HoD, Department of Computer Science and Engineering, SSET, handled a session on "Why and How to Organize a Conference" on 25th March 2023 organized by IEEE Kerala Section at CUSAT, Kochi.

Dr. Manish T. I, Professor, Department of Computer Science and Engineering, SCMS School of Engineering and Technology has delivered a talk on "Writing

Research Funding Proposals" in association with National Digital Library of India on 30 March 2023 at Lab 6 for students and staff of SCMS School of Engineering and Technology. The discussion is mainly on the theme of funding agencies with social relevance and contribution to the locality.

Dr. Manish T. I, Professor, Department of Computer Science and Engineering, SCMS School of Engineering and Technology has published a paper titled 'Deep learning architectures for Brain Tumor detection: A Survey' on 03 April 2023 as conference proceeding in IEEE Xplore with DOI: 10.1109/ACCTHPA57160.2023.10083385.

Ms. Jane Theresa, Assistant Professor, Basic Science and Humanities, published a paper titled The Australian Ecology of Human Nature Interactions in UGC Care listed Journal Mukt Shabd on 19th April 2023.

Student Achievement

Mr. Amith V A of Semester two, Mr. Mohammed Naeem of Semester four from the Department of Computer Science and Engineering, and Ms. Hridya LP of Semester four from the Department of Electrical and Electronics Engineering were declared winners in the cover song competition organized by the Department of Civil Engineering, SCMS School of Engineering and Technology.

Figure 6 Winners of Cover Song Competition

PLACEMENT ACTIVITIES

Batch 2019-23 updates at 124 placed with 227 offers. 133 Companies approached for placements, and 34 companies selected our students.

Ms. Sreelakshmi T U from Electronics and Communication Engineering, Batch 2019-2023 receives an offer from TOA Software Corporation, Japan, after going through an internship with them.
MAY 2023

Department Activities

The Department of Computer Science and Engineering conducted an offline workshop on "Android Basics for Beginners "on 2nd and 3rd May 2023 for school students from 7th to 12th grade. The program was coordinated by Dr. Deepa K A, Ms. Rosebell Paul, and Mr. Mahesh K M, Assistant Professors from the Department of Computer Science and Engineering. The objective of the workshop was to create an interest in participants on Android applications, their design, and applicability in the real world. The program gave an insight into the development of mobile applications in detail with real time examples. The concepts and steps were well defined and explained in the session. The participants for the workshop included 30 students from 15 different schools. The sessions were highly interactive with hands-on demos, discussions, and presentations. The participants were given an opportunity to visit the different facilities at the campus on day 2. It was followed by an interschool app development contest and the winners were awarded amazing prizes.

The Department of Basic Science and Humanities organized a talk on the topic "Introspection to Insights: Life Skills Training" on 27th April 2023 at the Conference Hall, Administrative Block, SCMS School of Engineering and Technology. The session was handled by Mr. Lathif Penath, Assistant Professor, Department of Psychology, MES ASAMBI College, Kodugallur. Around 50 students attended the session which they found to be very effective and applicable in their daily life. Practical sessions were received with much

applause. The interactive talk focused more on the raising concerns of youth on handling the stress in their academic and personal life.

A two-day SAE Trek was organized by the Department of Automobile Engineering, in partnership with SAEISS, Cochin Division, from 1st to 2nd April 2023. The program was attended by 49 students from Kerala, Tamil Nadu, and Andhra Pradesh who were pursuing courses in Automobile and Mechanical engineering. On the first day of the program, Mr. S. Shunmugam, who serves as a mentor at SAEISS, conducted a workshop on engineering design for the participants. On the second day, the participants were taken for a trek to the Athirappally Forest reserve.

Fig 1: The participants of SAE Trek participating in trekking at Athirappally Forest reserve

The Department of Automobile Engineering, in collaboration with SAEISS, Cochin Division, organized a lecture on the topic of "Material Selection for Mechanical Design" from 9.30 am to 11.00 am on 31st March 2023. The program was attended by 50 students from the Department of Automobile Engineering and Mechanical Engineering. Dr. R Rajendran, who serves as the Chairman of SAEISS, a Professor, and Head of the Department of Automobile Engineering at SRM Institute for Science and Technology, Chennai, was the resource person for the event.

Fig 2: Dr. R Rajendran, Chairman of SAEISS, addressing the participants at the lecture meet at SCMS School of Engineering and Technology.

The Department of Automobile Engineering, in collaboration with SAEISS, Cochin Division, organized a faculty advisors forum at the Mini Conference Hall in SSET from 10.00 am to 12.30 pm on 1st April 2023. The event was attended by 25 faculty members from colleges across Kerala. Dr. M. Murugan,

who is a Management Committee Member of SAEISS, and Mr. Bharathiraja, who serves as the Joint Treasurer of SAEISS, were the resource persons for the forum.

Fig 3: Dr. M. Murugan, Management Committee Member of SAEISS addressing the faculty advisors.

On 25th April 2023, Mr. Sooraj S Nair, who serves as the Regional Service Manager for Kerala, and Mr. Jithin V R, who is the Area Service Manager for Central Kerala, visited the Department of Automobile Engineering, representing Royal Enfield. The purpose of their visit was to explore the possibility of providing technical support for students. During their one-hour interaction with students from semester 8 of the Automobile Engineering Department, the officials discussed the various career opportunities available for students pursuing Automobile Engineering.

A one-day workshop titled "Know Your Vehicle" was organized by SWARA in association with IQAC-SSTM, featuring SCMS Institute for Road Safety and Transportation on 15th May 2023 at SCMS Muttam Campus. The event aimed to educate women on the different aspects of driving and also about vehicles. The workshop was graced by esteemed guests including Mr. Pramod Shankar, who serves as the Additional Transport Commissioner and Joint MD of KSRTC, Smt. Brinda Sanil, the First Lady Motor Vehicle Inspector, Mr. Baiju M Nair, an Automotive Journalist and Influencer, Ms. Mini Prabha, who is a National Award Winner for Best Driving Instructor, and Ms. Athira Murali, the Indian National Rally Champion.

Faculty Achievements

Dr. Rag R.L Professor and HOD, Department of Mechanical Engineering is awarded with National Educationist Award for his hard work, dedication, and diligence in education & research by Avishkar Foundation Solapur, India.

Dr. Deepa K, Assistant Professor, Department of Computer Science and Engineering, SCMS School of Engineering and Technology was the resource person for a Tech Talk series organized by Holy Grace Academy of Engineering with speakers from industry and academia on 18th April 2023. The topic of the talk was "Machine Learning, An Introduction to the Basics and Beyond".

Fig:4 Dr. Deepa K, Assistant Professor, Department of Computer Science and Engineering, addressed the students at the TechTalk series organized by Holy Grace Academy of Engineering.

On 24th March 2023, Dr. Jenson Joseph E, Head of the Department of Automobile Engineering, attended the Admission Coordinators Conclave named "Evolve - No Paper Forms" at Hotel Radisson Blu in Egmore, Chennai. The conclave was attended by admission coordinators and directors from colleges across South India. Dr. Jenson Joseph E was recognized for effectively using the admission coordination software "No Paper Forms" and was awarded the "Star User Award."

Student Achievements

Mr. Adithya Raj and Mr. Mohammad Bilal students from S4 Data Science, Department of Computer Science and Engineering, SCMS School of Engineering and Technology, have been selected to participate in the prestigious YUVA SANGAM Phase-II of All India Council for Technical

Education. This program is designed to equip young individuals with the skills and knowledge needed to excel in today's global economy.

PLACEMENT ACTIVITIES

Batch 2019-23 placement updates 128 placed with 237 offers. 143 Companies approached for placements,

The names of the companies that selected our students are SOTI, REDBLACK SOFTWARE, COGNIZANT, IBS SOFTWARE, EY GDS, TECH MAHINDRA, QBURST, QUEST GLOBAL, NAICO IT, WHITE RABBIT, SMARTSOCS, HINDUSTAN UNILEVER LTD, NISSAN DIGITAL, MOZILOR TECHNOLOGIES PVT. LTD., MY CAPTAIN, MITSOGO, INDIAN OIL-ADANI GROUP, TOA SOFTWARE CORPORATION, WISILICA, EXPERION, SPERIDIAN, SUTHERLAND, INTERLAND TECHNOLOGY SERVICES PVT. LTD., JOBIN and JISMI IT SOLUTIONS.