



# AAWAZZ NEWSLETTER

2024-2025

July-December

## Mission

- To provide computer science education that cultivates creativity, problem-solving, and a passion for lifelong learning.
- To develop competent computer science professionals by fostering teamwork, leadership and ethical responsibility
- To promote impactful research addressing societal and sustainable development needs.

## Program Educational Objectives

- Graduates will develop effective computing solutions by integrating technical expertise, problem-solving skills, and innovative approaches.
- Graduates will contribute effectively in industry or advance in academia and research by applying analytical thinking, and professional competencies.
- Graduates will act ethically while applying their knowledge and skills to promote societal advancement and create sustainable technology solutions.

## Vision

- To be among the leading CSE departments, developing ethical engineers and impactful research aligned with societal and sustainable development goals.



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# JULY



- THE FINAL-YEAR STUDENT PROJECT "AUTONOMOUS FIXED-WING DELIVERY (PACKAGE DROPPING DRONE FOR MEDICAL AID)" COMPLETED BY LAKSHMI H, MARIYA LAVEENA ROSE P G, SANDRA SATHYAN M, AND SHOUN BENNIS UNDER THE GUIDANCE OF MRS. NEETHU KRISHNA, ASSISTANT PROFESSOR ,DEPARTMENT OF CSE WAS SELECTED FOR FINANCIAL ASSISTANCE OF RS. 23,000 UNDER THE "FINANCIAL ASSISTANCE TO STUDENT PROJECTS 2024-25" PROGRAM BY APJKTU.

- MR. ANOOP JOSE, MS. SMERA THOMAS, AND MS. RESHMA K.V., FACULTY MEMBERS FROM THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SSET LED ENGAGING SESSIONS ON PYTHON PROGRAMMING DURING THE FACULTY DEVELOPMENT PROGRAM (FDP) HOSTED BY THE DEPARTMENT OF CIVIL ENGINEERING FROM JULY 1 TO JULY 3, 2024.

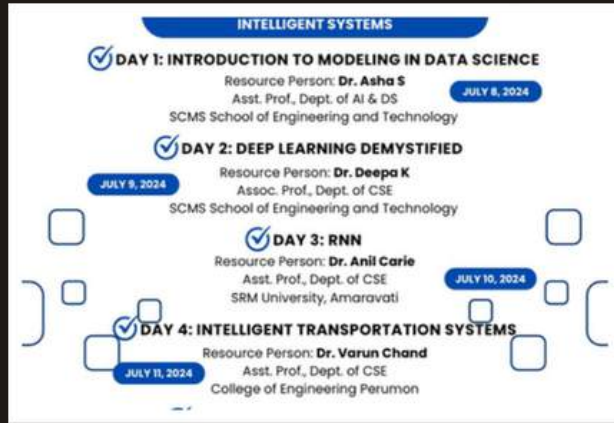


- DR. DEEPA K, ASSOCIATE PROFESSOR, DEPT OF CSE, SSET ATTENDED AND SUCCESSFULLY COMPLETED THE MASTER TRAINER PROGRAM ON HIGH-PERFORMANCE COMPUTING CONDUCTED BY C-DAC BENGALURU IN COLLABORATION WITH THE AICTE DURING 3RD JUNE, 2024 TO 14TH JUNE, 2024.
- MR. PRANAV JAYAN, A SECOND-SEMESTER STUDENT IN THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, IDENTIFIED A REAL-TIME VULNERABILITY AS PART OF HIS INTERNSHIP SELECTION PROCESS FOR THE CYBERSECURITY DOMAIN AT KERALA POLICE CYBERDOME. HE DISCOVERED AND REPORTED A VULNERABILITY ON THE WEST BENGAL POLICE GOV.IN WEBSITE TO THE NATIONAL CRITICAL INFORMATION INFRASTRUCTURE PROTECTION CENTRE (NCIIPC) UNDER THE RESPONSIBLE VULNERABILITY DISCLOSURE PROGRAM (RVDP). THEY ACKNOWLEDGED HIS CONTRIBUTION, WHICH INVOLVED USING GOOGLE DORKING TECHNOLOGY TO FIND PRIVATE CREDENTIALS .



- DR. MANISH T. I., HOD , DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, AND MRS. NEETHU KRISHNA,DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, ATTENDED THE 2024 SCHEME SYLLABUS-SETTING WORKSHOP CONDUCTED BY APJAKTU IN TRIVANDRUM FROM JUNE 27 TO 29, 2024.

# AUGUST



- MS. ROSEBELL PAUL, ASSISTANT PROFESSOR, DEPARTMENT OF CSE, SSET PUBLISHED AN IEEE PAPER TITLED "A REAL TIME PREDICTION MODEL FOR ROUND WINNERS OF COUNTER STRIKE: GLOBAL OFFENSIVE:" IN 2024 3RD INTERNATIONAL CONFERENCE ON SENTIMENT ANALYSIS AND DEEP LEARNING (ICSADL) 2024
- MS. SRUTHY K JOSEPH, ASSISTANT PROFESSOR, DEPARTMENT OF CSE, SSET PUBLISHED A PAPER TITLED "COMPREHENSIVE SENTIMENT AND FAKE COMMENT ANALYSIS" IN THE NATIONAL JOURNAL "JOURNAL OF ARTIFICIAL NEURAL NETWORKS AND LEARNING SYSTEM"



- TECHNICAL SESSIONS AND PAPER PRESENTATIONS WILL FOLLOW THE INAUGURATION. ON JULY 11TH, FROM 11:00 AM TO 1:00 PM, A TECHNICAL WORKSHOP TITLED "DEMYSTIFYING GANS: A COMPREHENSIVE WORKSHOP" WILL BE CONDUCTED BY MS. DEEPASREE VARMA. THIS WILL BE FOLLOWED BY LUNCH AND TWO OFFLINE PAPER PRESENTATION SESSIONS FROM 1:45 PM TO 3:45 PM IN DIFFERENT VENUES WITHIN THE ADMINISTRATIVE BLOCK. ON JULY 12TH, THERE WILL BE THREE ONLINE PAPER PRESENTATION SESSIONS FROM 10:00 AM TO 12:00 PM, EACH ACCESSIBLE VIA SEPARATE GOOGLE MEET LINKS. THE SESSIONS WILL COVER VARIOUS TOPICS, AND EACH SESSION WILL BE CHAIRED BY DISTINGUISHED EXTERNAL AND INTERNAL MEMBERS.
- THE CONFERENCE WILL CONCLUDE WITH AN ONLINE KEYNOTE ADDRESS ON "THE TRANSFORMATIVE INFLUENCE OF GENERATIVE AI" BY DR. AKSHI KUMAR FROM GOLDSMITHS UNIVERSITY OF LONDON, UK, SCHEDULED FROM 2:00 PM TO 3:30 PM IST, FOLLOWED BY THE VALEDICTORY FUNCTION.

- DR. DEEPA K, ASSOCIATE PROFESSOR SERVED AS RESOURCE PERSON FOR ONLINE FDP CONDUCTED BY MAHA GURU INSTITUTE OF SCIENCE AND TECHNOLOGY ON THE TOPIC "DEMYSTIFYING DEEP LEARNING" ON 16/07/24.



- DR. VARUN G. MENON, PROFESSOR & DEPUTY DEAN (R & D) HAS PUBLISHED AN ARTICLE TITLED, "A FEDERATED GENERATIVE ADVERSARIAL NETWORK WITH SSIM-PSNR BASED WEIGHT AGGREGATION FOR CONSUMER ELECTRONICS WASTE," IN IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, DOI: 10.1109/TCE.2024.3411785.
- THE THIRD INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION, SECURITY & INTELLIGENT SYSTEMS (IC3SIS) WILL TAKE PLACE ON JULY 11TH AND 12TH, 2024, ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AND THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE AT SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY (SSET).
- THE INAUGURATION CEREMONY WILL BE HELD ON JULY 11TH, 2024, AT 09:30 AM IST IN THE MAIN SEMINAR HALL. THE EVENT WILL START WITH A PRAYER, FOLLOWED BY A WELCOME ADDRESS BY DR. MANISH T. I., THE HOD OF THE CSE DEPARTMENT. DR. ANITHA G. PILLAI, PRINCIPAL OF SSET, WILL DELIVER THE PRESIDENTIAL ADDRESS. DR. ARSHEY M, THE ORGANIZING CHAIR, WILL PROVIDE AN OVERVIEW OF IC3SIS'24. THE KEYNOTE ADDRESS WILL BE DELIVERED BY DR. DEEPAK PADMANABHAN FROM QUEEN'S UNIVERSITY BELFAST. THE CEREMONY WILL ALSO FEATURE THE RELEASE OF THE BOOK OF ABSTRACTS, A FELICITATION BY DR. VARUN G MENON, AND A VOTE OF THANKS BY MS. NEETHU KRISHNA.

# SEPTEMBER

- IEEE PROJECT TITLED "ENHANCING THE MIDDAY MEAL PROGRAM THROUGH SUSTAINABLE AGRICULTURAL DEVELOPMENT IN KERALA SCHOOLS" HAS RECEIVED FUNDING OF US \$7030 FROM THE IEEE HUMANITARIAN TECHNOLOGIES BOARD PROPOSED BY ANUPRIYA B, ABHINAV VINODAN, AND JINO JOHNSON FROM THE 2021-25 BATCH, DEPT. OF CSE, AND THE PRINCIPAL INVESTIGATOR, DR. SONAL AYYAPPAN, HOD & PROF., DEPT. OF AI & DS
- DR.VARUN G MENON , DEPUTY DEAN R&D , SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY WAS APPOINTED AS ASSOCIATE EDITOR OF IEEE JOURNAL ON BIOMEDICAL AND HEALTH INFORMATICS, SCIE INDEXED, IMPACT FACTOR: 7.7 ON 29TH AUGUST 2024 .
- THE DEPARTMENT ASSOCIATION SYNERGY OF THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CONDUCTED AN EVENT TO AWARD CERTIFICATES TO THE 40 BEST PERFORMERS OF THE ACADEMIC YEAR 2023-2024, RECOGNIZING THE TOP ACHIEVERS AMONG COMPUTER SCIENCE AND MCA STUDENTS.



# OCTOBER

- DR.VARUNG MENON,DEPUTY DEAN R&D , SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY WAS APPOINTED AS ASSOCIATE EDITOR OF IEEE JOURNAL ON BIOMEDICAL AND HEALTH INFORMATICS, SCIE INDEXED, IMPACT FACTOR: 7.7 .
- AN ADD-ON COURSE ON PYTHON WITH DATA SCIENCE WAS CONDUCTED BY LAKHOTIA COMPUTER CENTER COCHIN FOR S3 COMPUTER SCIENCE STUDENTS FROM 23RD TO 27TH SEPTEMBER 2024, WITH A TOTAL STUDENT STRENGTH OF 271.
- "AN ALUMNI TALK WAS HELD ON 1ST OCTOBER 2024 BY MR. VAIBHAV NAIR (BATCH 2018-2022), SOFTWARE DEVELOPER AT WHITE RABBIT GROUP, KOCHI, FOR THE CURRENT FINAL-YEAR CSE STUDENTS ON THE TOPIC 'THE SIGNIFICANCE OF GIT IN PLANNING, TRACKING, AND PUBLISHING PROJECTS.
- MS. ASHA S, ASSISTANT PROFESSOR, DEPARTMENT OF CSE, ATTENDED AND RECEIVED A CERTIFICATE FOR A ONE-DAY WORKSHOP ON GENERATIVE AI, ORGANIZED AT ICSET 2024, ALONG WITH THE FOLLOWING S5 CSE STUDENTS: FATHIMA MEHAR, JAIN JOY, EDWIN JOY, SREELAKSHMI, AND SOORYAGAYATHRI.
- S1 MCA STUDENTS ATTENDED THE LIVE STREAMING OF THE FIFTH SESSION OF THE BODHI TALK SERIES ON 'INDIAN ETHOS IN MANAGEMENT' ON 30TH SEPTEMBER 2024, AT 10:00 AM, IN AN ONLINE MODE AT THE CONFERENCE HALL, ADMINISTRATIVE BLOCK, SSET.



# NOVEMBER

- ON 15TH OCTOBER 2024, THE DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING AND THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE AT SCMS SCHOOL OF ENGINEERING & TECHNOLOGY, IN COLLABORATION WITH BHARATTECH FOUNDATION, ORGANIZED A WORKSHOP ON SAFETY ENGINEERING. THE EVENT BEGAN WITH DR. VARUN G. MENON WELCOMING THE PARTICIPANTS, FOLLOWED BY KEYNOTE ADDRESSES FROM MR. M. P. JAMES, DEPUTY TRANSPORT COMMISSIONER, AND DR. RAMESH UNNIKRISHNAN, ADVISOR, AICTE, MINISTRY OF EDUCATION, GOVERNMENT OF INDIA, WHO DISCUSSED THE IMPORTANCE OF SAFETY PROTOCOLS IN ENGINEERING AND TRANSPORTATION. DR. ANITHA G. PILLAI, PRINCIPAL OF SCMS, DELIVERED A SESSION ON THE RELEVANCE OF SAFETY ENGINEERING IN MODERN TIMES.
- A PANEL DISCUSSION ON ROAD SAFETY FEATURED MR. N. VINOTH KUMAR, MOTOR VEHICLE INSPECTOR, MR. SIBY MATHAI, MD & CEO OF VISTA DRIVELINE MOTORS PVT. LTD., AND DR. ANUMOD KUMAR, MOTOR VEHICLE INSPECTOR, KOZHIKODE, MODERATED BY DR. AJITH CHANDRAN M. C., DIRECTOR-TECHNICAL TNC. DURING THE EVENT, STUDENTS FROM THE 2020-2024 BATCH OF THE DEPARTMENT OF CSE PRESENTED THEIR REAL-TIME PROJECT FOCUSED ON RAILWAYS AND ROAD SAFETY, SHOWCASING INNOVATIVE SOLUTIONS IN THESE CRITICAL AREAS. THE VALEDICTORY FUNCTION SAW DR. MANISH T.I., HOD OF CSE, AND DR. SONAL AYYAPPAN APPRECIATING THE EFFORTS OF THE STUDENTS, SPEAKERS, AND ORGANIZERS. THE EVENT CONCLUDED WITH A VOTE OF THANKS, MARKING A SUCCESSFUL AND INSIGHTFUL DAY.
- DR. VARUN G. MENON, DEPUTY DEAN R & D HAS BEEN APPOINTED AS ASSOCIATE EDITOR OF IET NETWORKS JOURNAL, SCIE SCOPUS INDEXED.
- DR. VARUN G. MENON HAS BEEN INVITED TO JOIN THE TECHNICAL PROGRAMME COMMITTEE OF THE INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES FOR INTELLIGENT SYSTEMS (ETIS 2025), FEBRUARY 2025 ORGANIZED BY APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, KERALA, INDIA. DR. VARUN G. MENON WAS THE REVIEWER OF PROJECT PROPOSALS SUBMITTED TO SRISTI GANDHIAN.
- YOUNG TECHNOLOGICAL INNOVATION AWARDS, 2023. MS. SAJMI SALAM, ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SSET QUALIFIED UGC NET COMPUTER APPLICATION AUG 2024-PHD ONLY JOINED FOR PHD IN COMPUTER SCIENCE & ENGINEERING AT SCHOOL OF ENGINEERING, CUSAT. MS. ASWATHY C A (S3 MCA - PG STUDENT) PASSED NET EXAM IN SUBJECT: COMPUTER SCIENCE & APPLICATIONS WITH PERCENTILE SCORE 98.1358323



THE CSE DEPARTMENT AT SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY JOINED THE "KEEP THE SEA PLASTIC-FREE" BEACH CLEANUP ON OCTOBER 25, 2024, ORGANIZED BY COMMUNITREE WITH COCA-COLA AT VYPIN BEACH, ERNAKULAM. THIS EVENT WAS PART OF THE DEPARTMENT'S POA 2024-2025 ACTIVITY, "BEYOND THE CAMPUS ENVIRONMENTAL PROMOTION ACTIVITIES." COORDINATED BY DR. VARUN G. MENON, FIFTEEN STUDENTS FROM S3 MCA, S5 CS, AND S7 CS COLLECTED PLASTIC WASTE FROM 10:00 AM TO 12:00 PM. SUPPLIES AND ONLINE CERTIFICATES WERE PROVIDED, REINFORCING SCMS'S COMMITMENT TO SUSTAINABILITY AND SOCIAL RESPONSIBILITY BEYOND CAMPUS.



- CONGRATULATIONS TO AKHIL DAVIS, ANSEL SEBASTIAN, ANTONY SHINSON, ANTONY KARESDAN OF S3 CS1 GOT FIRST PRIZE IN EVENT CONDUCTED BY IEDC, "BUILD FOR THRISSUR-PRODUCTATHON" AS PART OF DYUTHI 24 AT GOVERNMENT ENGINEERING COLLEGE, THRISSUR ON 17/10/2024
- MR. EDWIN JOY AND MS. GAURI VINOD STUDENTS OF S5 COMPUTER SCIENCE AND ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY WON THE FIRST PRIZE IN THE POWERPOINT PRESENTATION COMPETITION ORGANIZED BY MAR THOMA COLLEGE, PERUMBAVOOR



# DECEMBER

- THE DEPARTMENT OF COMPUTER SCIENCE ENGINEERING HOSTED A 2.5-HOUR ASSOCIATION ACTIVITY TITLED "CTRL + ALT + LAUGH" FOR FIRST-YEAR STUDENTS ON NOVEMBER 4, 2024, AT THE MAIN SEMINAR HALL IN THE ADMINISTRATIVE BLOCK. THIS INTERACTIVE EVENT, HELD FROM 1:05 PM TO 3:45 PM, INTRODUCED ESSENTIAL COMPUTER SCIENCE CONCEPTS THROUGH ENGAGING AND ENJOYABLE ACTIVITIES, BUILDING A SENSE OF COMMUNITY AND COLLABORATION AMONG PARTICIPANTS. THE EVENT BEGAN WITH A WARM WELCOME AND ICEBREAKER GAMES TO ENCOURAGE FAMILIARITY AND EXCITEMENT. AN INTRODUCTORY SESSION ON ALGORITHMS LINKED REAL-LIFE EXAMPLES TO PROGRAMMING CONCEPTS, FOLLOWED BY A HANDS-ON SORTING ALGORITHM GAME THAT DEMONSTRATED PRACTICAL TEAMWORK AND LOGIC SKILLS. NEXT, STUDENTS EMBARKED ON A TECH-THEMED TREASURE HUNT, REINFORCING THEIR KNOWLEDGE OF FAMOUS COMPUTER SCIENTISTS AND PROGRAMMING TRIVIA. A HANDS-ON CODING SESSION INTRODUCED BEGINNER-FRIENDLY TOOLS LIKE SCRATCH AND MIT APP INVENTOR, ALLOWING STUDENTS TO EXPLORE CREATIVITY THROUGH SMALL PROJECTS. THE EVENT CONCLUDED WITH A SHOWCASE OF STUDENTS' PROJECTS, CELEBRATING THEIR ACHIEVEMENTS AND MAKING LEARNING BOTH MEMORABLE AND FUN.
- SUSMI JACOB, VARUN G MENON, VINOD P PUBLISHED THE ARTICLE TITLED "CAPP: CONTEXT-AWARE PRIVACY-PRESERVING CONTINUOUS AUTHENTICATION IN SMARTPHONES" IN SECURITY AND PRIVACY JOURNAL. SCIE, SCOPUS INDEXED WITH IF 1.5 ON NOVEMBER, 2024.
- DR. MANISH T. I, HOD AND PROFESSOR, HAS PUBLISHED A PAPER TITLED "ADVANCEMENTS IN CROWD ANALYSIS: DATASETS AND DEEP LEARNING APPROACHES FOR ENHANCED SURVEILLANCE AND MANAGEMENT" IN THE 2024 IEEE 3RD WORLD CONFERENCE ON APPLIED INTELLIGENCE AND COMPUTING (AIC): DOI IS 10.1109/AIC61668.2024.10730844 ON NOVEMBER, 2024.
- MS. MEERA V.M, PUBLISHED A BOOK CHAPTER "CHALLENGES IN ENSURING SECURITY FOR SMART ENERGY MANAGEMENT SYSTEMS BASED ON CPS" IN WILEY ONLINE LIBRARY ON NOVEMBER 20, 2024.
- THREE STUDENTS FROM THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY—AKASH THEKEKARA SHAJU, ANIRUDH VENU KUMAR, AND DERIN JOBY (S7, BATCH 2021-2025)—HAVE BEEN SELECTED FOR THE PRESTIGIOUS SAN'IN KERALA SHORT-TERM INTERNSHIP PROGRAM. THE INTERNSHIP WILL TAKE PLACE IN THE SAN'IN REGION, JAPAN, FROM FEBRUARY 3 TO 14, 2025, OFFERING THEM A VALUABLE INTERNATIONAL LEARNING EXPERIENCE.

