



AAWAZZ NEWSLETTER

2024-2025

January - June

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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JANUARY



- **MS.AFLAH FROM S1CS1,SSET HAS ACHIEVED A REMARKABLE FEAT, SECURING A SPOT ON THE UNIVERSITY TEAM FOR THE PRESTIGIOUS ALL INDIA INTER UNIVERSITY KHO KHO CHAMPIONSHIP, SHOWCASING EXCEPTIONAL SKILL AND DEDICATION .**

- **MS.AVANTIKA CINESH FROM S3 CS2 ,SSET HAS BAGGED A SILVER MEDAL IN THE NATIONAL ROLLER SKATING CHAMPIONSHIP HELD AT CHANDIGARH FROM 13TH TO 15TH DECEMBER ,2023 .**



- **ON JANUARY 10, 2024, MS. ASHA RAKESH, ASSISTANT PROFESSOR, DEPARTMENT OF CSE , SCET CONDUCTED A FASCINATING SESSION AS PART OF THE KSP SERIES. SHE TALKED ABOUT THE "VAK MIND TOOL FOR TEACHING," FOCUSING ON DIFFERENT WAYS PEOPLE LEARN—SEEING, HEARING, AND DOING THINGS.SHE SHARED USEFUL STRATEGIES FOR TEACHERS TO ADAPT THEIR METHODS AND MAKE LEARNING MORE EFFECTIVE BY CATERING TO THESE DIFFERENT LEARNING STYLES. HER SESSION WAS A HIT, OFFERING PRACTICAL ADVICE THAT COULD REALLY HELP EDUCATORS IN THEIR CLASSROOMS.**

FEBRUARY



- A ONE-DAY ADVANCED MICROSOFT EXCEL WORKSHOP WAS CONDUCTED ON 15.01.2024 FOR SSET'S NON-TEACHING STAFF AS PART OF SKILL UPGRADATION WORKSHOP 2.0. ORGANIZED BY THE INTERNAL QUALITY ASSURANCE CELL AND THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, THE SESSION, LED BY MS. ASHA S RAKESH, ASSISTANT PROFESSOR, DEPARTMENT OF CSE, SSET COVERED BASIC CONCEPTS, HANDS-ON EXERCISES WITH FORMULAS, AND PRACTICAL APPLICATIONS LIKE FREEZING PANES, SORTING, FILTERING, AND DATA VALIDATION IN EXCEL.
- M.TECH CSE THIRD SEMESTER STUDENTS MR. THAPUS SIMON UNDER THE PROJECT GUIDANCE OF DR. VARUN G MENON GOT 900 USD OF CREDITS FOR AMAZON WEB CLOUD SERVICES FOR RAMP-UP PROJECT.
- MS. DEEPA K, ASSOCIATE PROFESSOR, DEPARTMENT OF CSE, SSET WAS THE EVALUATOR FOR THE STATE-LEVEL EVALUATION OF YIP SASTRA PADAM 5.0.
- ON JANUARY 10, 2024, MS. ASHA RAKESH, ASSISTANT PROFESSOR PRESENTED AN ENGAGING SESSION ON THE "VAK MIND TOOL FOR TEACHING" AS PART OF THE KSP SERIES.



- THE DEPARTMENT OF COMPUTER SCIENCE AT SSET, IN COLLABORATION WITH TINKERHUB AND GDSC SSET, ORGANIZED 'THE WORLD OF FRONT-END WEB DEVELOPMENT,' FEATURING A FULL-STACK DEVELOPER. THE SESSION WAS CONDUCTED BY STUDENTS OF S8 CSE AND PARTICIPATED BY THIRD YEAR STUDENTS FROM CSE AND DATA SCIENCE



- DR. VARUN G MENON, THE DEPUTY DEAN OF RESEARCH AND PROFESSOR OF THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ATTENDED A PATENT ANALYTICS SESSION AT SSTM ON JANUARY 9, 2024, REFINING HIS EXPERTISE IN THE FIELD.
- MS. SURYA S G, ASSISTANT PROFESSOR, DEPARTMENT OF CSE, SSET DELIVERED A SESSION ON "ZERO TRUST SECURITY: A SHIFT IN CYBERSECURITY" AS PART OF THE KSP SERIES ON JANUARY 19, 2024.



- MR. SHYAM S. PILLAI AND MR. ASWIN HARIKUMAR, FIRST-YEAR CSE STUDENTS, SECURED THE THIRD PRIZE IN THE ARTHA FIESTA ALL KERALA INTER COLLEGIATE DEBATE COMPETITION AT ST. STEPHEN'S COLLEGE, UZHAVOOR.



- DR. VARUN G MENON, THE DEPUTY DEAN OF RESEARCH, SSET HAS BEEN SELECTED TO THE EDITORIAL BOARD OF THE JOURNAL OF ADVANCED DIGITAL COMMUNICATIONS (JADC).
- THE DEPARTMENT OF COMPUTER SCIENCE, IN ASSOCIATION WITH IQAC, R&D, AND THE DEPARTMENT OF AI & DS, ORGANIZED A RESEARCH TALK AND DEMO ON 'INTERNET OF MEDICAL THINGS' ON 25.01.2024. THE EVENT WAS HANDLED BY DR. VENKI BALASUBRAMANIAM, ASSOCIATE PROFESSOR AT FEDERAL UNIVERSITY, AUSTRALIA.



- MR. MAHESH K M, ASSISTANT PROFESSOR, DEPARTMENT OF CSE, SSET DELIVERED A SESSION ON PRESENTATION SKILLS AND MR. AJISH K K, LAB INSTRUCTOR, DEPARTMENT OF CSE DELIVERED A SESSION ON "NETWORKING AND HARDWARE" ON JANUARY 19, 2024, FOR SSET'S NON-TEACHING STAFF AS PART OF SKILL UPGRADATION WORKSHOP 2.0. THE WORKSHOP WAS ORGANIZED BY THE INTERNAL QUALITY ASSURANCE CELL AND THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING.
- MS. SINDYA K NAMBIAR, ASSISTANT PROFESSOR, DEPARTMENT OF CSE, SSET AND MS. ASHA S, ASSISTANT PROFESSOR, DEPARTMENT OF CSE, SSET CONDUCTED A WORKSHOP FOR S8 CSE STUDENTS ORGANIZED BY THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AND THE DEPARTMENT OF AI & DS ON "INTRODUCTION TO OVERLEAF: ELEVATING TECHNICAL WRITING."

MARCH



MR. ANIRUDH V KUMAR AND MR. AKAS T S STUDENTS OF THIRD YEAR COMPUTER SCIENCE AND ENGINEERING, WON THE GRAND PRIZE AT THE BUSINESS CONTEST ORGANIZED BY MATSUE, JAPAN



DR. VARUN G MENON, DEPUTY DEAN OF RESEARCH , DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SSET, DELIVERED A SESSION ON "HOW TO IDENTIFY FAKE, CLONED, AND PREDATORY JOURNALS" FOR THE FACULTY MEMBERS OF SSET AT THE MAIN SEMINAR HALL ON FEBRUARY 21, 2024.



DR. VARUN G MENON , DEPUTY DEAN OF RESEARCH , DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SSET WAS SELECTED AS THE SECRETARY OF THE IEEE KOCHI SUBSECTION.



- THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (CSE) INITIATED A COLLABORATIVE PROJECT TITLED "REAL-TIME VISUALIZATION OF TRAINS, SIGNALS, TRACKS, AND LEVEL CROSSINGS USING FRMCS TECHNOLOGY FOR INDIAN RAILWAYS" IN SEPTEMBER 2023, PARTNERING WITH BTF AND PRADJNA INTELLISYS PVT. LTD. THE FIRST PHASE OF THE PROJECT WAS COMPLETED SUCCESSFULLY IN FEBRUARY 2024 UNDER THE GUIDANCE OF MS. JOSNA PHILOMINA, FACULTY ADVISOR AND DR. VARUN G MENON, FACULTY CO-ADVISOR. ON MARCH 5, 2024, THE INDUSTRY TEAM DISTRIBUTED MEMENTOS AND CERTIFICATES TO BOTH THE STUDENTS AND FACULTY.



THE COMPUTER SCIENCE AND ENGINEERING DEPARTMENT ASSOCIATION SYNERGY HOSTED A MOMENTOUS EVENT ON FEBRUARY 27, 2024, AT THE MAIN SEMINAR HALL, UNVEILING THE NEW DEPARTMENT LOGO AND PRESENTING THE 8TH EDITION OF THE DEPARTMENT MAGAZINE, HORIZON. THE PRINCIPAL, DR. ANITHA G PILLAI, INAUGURATED THE LOGO, AND DR. VARUN G MENON, DEPUTY DEAN OF RESEARCH AND DEVELOPMENT, INTRODUCED THE DIGITAL MAGAZINE FORMAT. DR. MANISH T I, HOD, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, AND DR. SONAL AYYAPPAN HOD, DEPARTMENT OF AI & DS JOINTLY UNVEILED THE MAGAZINE. ADDITIONALLY, A CASH PRIZE WAS AWARDED TO MR. IJAS AHAMMED, AN S8 CSE STUDENT, FOR HIS WINNING LOGO DESIGN.



MR. AMIT GEORGE AND MR. GAUTHAM T GOPINATH, STUDENTS FROM S4 CS1 AND S4 CS2, SHARED THEIR INSPIRING EXPERIENCES OF WORKING WITH DIFFERENTLY-ABLED CHILDREN OF OORJJA ECOSYSTEMS IN A SESSION ORGANIZED BY SSET KOOTTU

APRIL



- DR. VARUN G MENON ,PROFESSOR & DEPUTY DEAN RESEARCH ,SCMS SCHOOL OF ENGINEERING
- AND TECHNOLOGY REPRESENTED THE IEEE KERALA SECTION AND PARTICIPATED IN THE INAUGURATION OF ICITIIT'24 AT THE INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KOTTAYAM.



- MR. EDWIN JOY,S4 CS2 ALONG WITH HIS TEAM MEMBERS, SECURED 3RD PLACE OUT OF 43 CONTESTANTS IN THE STATE-LEVEL SHORT FILM COMPETITION .



- MS. MEERA V M, ASSISTANT PROFESSOR, DEPT OF CSE, SSET HAS DELIVERED A SESSION ON "REPLIT " AS PART OF THE KNOWLEDGE SHARING SERIES 2024, A ONLINE TOOL FOR CODING AND SOFTWARE DEVELOPMENT PLATFORM.



- DR. MANISH T I, PROFESSOR AND HEAD OF THE DEPARTMENT OF CSE,SSET DELIVERED A SESSION ON "TRANSFORMING STUDENT PROJECTS INTO RESEARCH PAPERS," ORGANIZED BY RESEARCH & DEVELOPMENT CELL IN ASSOCIATION WITH IAQC AND THE DEPARTMENT OF CSE, ON 25.03.2024 .



- ASWATHY C A ,S2 MCA,SSET GOT ELITE SLIVER (TOPPER 1%) CERTIFICATION FOR DATABASE MANAGEMENT SYSTEM COURSE IN NPTEL EXAMINATION JAN-MAR 2024 (8 WEEK COURSE)

- MS. NEETHU KRISHNA, ASSISTANT PROFESSOR, DEPT OF CSE, SSET HAS PUBLISHED A BOOK CHAPTER TITLED "HOMOMORPHIC ENCRYPTION AND MACHINE LEARNING IN THE ENCRYPTED DOMAIN" WITH IGI GLOBAL PUBLISHERS .
- DR.VARUN G MENON , PROFESSOR & DEPUTY DEAN RESEARCH ,SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY HAS COMPLETED HIS DOCTORAL FELLOWSHIP IN COMPUTER SCIENCE AND ENGINEERING FROM LINCOLN UNIVERSITY
- A PRESENTATION WAS DELIVERED BY MRS. SUSMI JACOB, ASSISTANT PROFESSOR, DEPT OF AI & DS, SSET ALONG WITH MRS. DEEPA JOHNY AND MRS. ANISHA ANTU, ASSISTANT PROFESSOR, DEPT OF CSE, SSET ON "RECENT TRENDS AND APPLICATIONS OF ARTIFICIAL INTELLIGENCE" FOR THE CLASS X STUDENTS AT CKM NSS SR. SEC. SCHOOL , CHALAKUDY AS PART OF A SCHOOL OUTREACH PROGRAMME.
- MRS. LITTY KOSHY, ASSISTANT PROFESSOR, DEPT OF CSE, SSET HAS PUBLISHED PAPER ON "DETECTION OF SPEECH EMOTIONS USING DEEP LEARNING TECHNIQUES" IN THE PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION, SECURITY AND INTELLIGENT SYSTEMS(IC3SIS 2023) PART OF BOOK CHAPTER OF ALGORITHMS FOR INTELLIGENT SYSTEMS (AIS)
- MRS. SURYA S G, ASSISTANT PROFESSOR, DEPT OF CSE, SSET PUBLISHED A JOURNAL PAPER TITLED "SECURING CYBERSPACE AGAINST CYBERBULLYING: A WIRELESS NETWORK SECURITY PERSPECTIVE" ,ICTACT JOURNAL ON COMMUNICATION TECHNOLOGY, VOLUME 15, ISSUE 1, MARCH 2024
- THE RESEARCH PROPOSAL TITLED 'DEEP LEARNING-BASED INTRUSION DETECTOR FOR CYBERSECURITY,' EVALUATED BY DR. MANISH T. I, PROFESSOR & HEAD, DEPT OF CSE, SSET FOR FUNDING BY THE UNIVERSITY OF TECHNOLOGY AND APPLIED SCIENCES , MUSCAT, SULTANATE OF OMAN.
- THE S1 UNIVERSITY RESULT FOR B. TECH COMPUTER SCIENCE AND ENGINEERING WITH A PASS PERCENTAGE OF 71.54%, WITH 191 OUT OF 268 STUDENTS PASSING (S2 CS1, CS2, CS3, CS4)

MAY

- MR. ANIRUDH KUMAR AND MR. AKASH, SEMESTER 6 B.TECH CSE STUDENTS OF SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY, SECURED THE FIRST AND SECOND PRIZES IN THE MATSUE, JAPAN –SAN'IN–KERALA BUSINESS PITCH CONTEST–2024. AT THE EVENT ORGANIZED BY ASA KERALA, THEY RECEIVED CASH PRIZES OF 50000 AND 30000 YEN AND CERTIFICATES



- MRS. MEERA V M AND MRS. NEETHU KRISHNA, ASSISTANT PROFESSOR, DEPARTMENT OF CSE AUTHORED THE PAPER TITLED "IOT-DRIVEN DECISION SUPPORT SYSTEMS FOR SMART MANUFACTURING: A REVIEW OF IMPLEMENTATION STRATEGIES," PUBLISHED IN THE JOURNAL EDUCATIONAL ADMINISTRATION: THEORY AND PRACTICE.

- DR. VARUN G. MENON, DEPUTY DEAN OF RESEARCH AND DEVELOPMENT AT SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY, DELIVERED A CAPTIVATING KEYNOTE ADDRESS AT THE “INTERNATIONAL CONFERENCE ON WIDESPREAD INNOVATIONS FOR NEXT GENERATION SYSTEMS” AT MAHAGURU INSTITUTE OF SCIENCE AND TECHNOLOGY ,ALAPPUZHA ON MAY 3, 2024.



JUNE



- MS.AVANTIKA CINESH OF S4 CSE HAS BEEN SELECTED TO REPRESENT INDIA AT THE WORLD'S SKATING CHAMPIONSHIP IN ITALY.

- A TEAM OF STUDENTS OF FOURTH SEMESTER COMPUTER SCIENCE AND ENGINEERING ,SSET UNDER THE GUIDANCE OF MS. JOSNA PHILOMINA,ASSISTANT PROFESSOR ,DEPARTMENT OF CSE ,SSET PROVIDED THE NECESSARY 3-D VISUALIZATION TO MVD AS PER REQUEST FROM BY MR. THAHIRUDERN A A, MVI ALUVA, AN ALUMNI OF SSET.
- MS.NEETHU KRISHNA, ASSISTANT PROFESSOR DEPARTMENT OF CSE HAS PUBLISHED THE RESEARCH ARTICLE TITLED 'VECTOR-BASED GENETIC LAVRENTYEV PARABOLOID NETWORK FOR WIRELESS SENSOR NETWORK LIFETIME IMPROVEMENT' IN THE SPRINGER JOURNAL WIRELESS PERSONAL COMMUNICATIONS.DOI:[HTTPS://DOI.ORG/10.1007/S11277-024-10906-W](https://doi.org/10.1007/s11277-024-10906-w)