

ST. XAVIER'S CAMPUS CONNECT

VISION

To be an institution of eminence of optimal human development, excellent engineering education and pioneering research towards developing a technically-empowered humane society.

MISISON

To transform the (rural) youth into top class professionals and technocrats willing to serve local and global society with ethical integrity, by providing vibrant academic experience of learning, research and innovation and stimulating opportunities to develop personal maturity and professional skills, with inspiring and high caliber faculty in a quality and serene infrastructural environment.



CORRESPONDENT'S MESSAGE

Rev. Fr. Dr. M. Maria William

Hi Xavieran Family,

Hearty Greetings to All of You!!

This would be one of the last messages of mine to the Campus Connect I reckon.

Very much satisfying indeed!

Let me start with congratulating everyone of our college! Congratulations CSE, Civil and IT departments for successfully completing the NBA Compliance Inspection. I am sure the NBA accreditation for these departments are going to be extended for another three years. Congratulations also to all of you for the joyful celebration of the 26th College Day, which I think entertained our students very much.

I salute also all the stakeholders of our college, especially our staff and students, for the commendable celebration of the Grand Finale of the Silver Jubilee of our lovely institution, which gave an occasion to remember gratefully all those who helped our college to be born and grow into maturity and to reminisce proudly its history of reaching great heights accomplishing milestones after milestones. The presence and message of our Vice Chancellor Dr. R. Velraj was indeed a peak moment. Hats off to everyone involved in arranging for the celebrations and for the perpetuating Souvenir.

We are gladly welcoming nowadays our newcomers by way of admitting them into this esteemed institution, a promised land for them to enable themselves to earn a great career and a joyful life. They, I am certain, will join our band and journey together filling their hungry minds with valuable knowledge, training their young hands with vibrant skills, experiencing self-realizing personal growth and social concern and, as a result, attain an assured bright future. Promising indeed!

We are also awaiting to welcome the new Correspondent Rev. Fr. Godwin Selva Justus. S. and the new Bursar Rev. Fr. Xavier Raj. R. who, I am sure, will lead St. Xavier's to even greater heights with their able administration and unflinching collaboration of us all.

A word of heartfelt thanks from me and our dear Bursar Fr. Francis Xavier is indeed in order here. Thank you very much for all the cooperation all of you rendered to us in all the efforts we took for the benefit of our students and the development of our college and for enriching our lives with lots of rich experiences and learning. Thanks also for bearing with our slips and oversights. I only believe that we were faithful instruments in the Hands of God.

ALL THE BEST !!!

Inside This Issue

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- IQAC Activities
- CELL Activities
- Research Activities

Upcoming Events

- Placement Day - 09.05.2024
- NBA Compliance Inspection for CSE, IT, CIVIL - 11.05.2024
- NCC Day - 14.05.2024



St. XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
(Autonomous)

Chunkankadai, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

Approved by AICTE & Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC
UG Programs(ECE, EEE, Mech, Civil, CSE & IT) Accredited by NBA
Recognized under section 2(f) & 12(B) of UGC Act, 1956
UG Programs(ECE, EEE, Mech, Civil, CSE & IT),
MBA & MCA Programs Permanently Affiliated

PRINCIPAL'S MESSAGE

It's my duty to appreciate the works of the Editorial team of faculty for bringing out this issue of our Newsletter successfully. In this period, we have conducted our College Day and Silver Jubilee finale in a grand manner with the support and cooperation of all faculty, staff members and students. I am happy to share that our AI and DS Department received the recognised Research Centre of Anna University. With this, we have nine recognised Research Centres of Anna University.

The achievements of our faculty and students are continuing in Symposia and Cultural Fest organised by other reputed Higher Education Institutions. Hearty congratulations. Last date for third and fourth year UG was over and the students are preparing for the end semester exam.

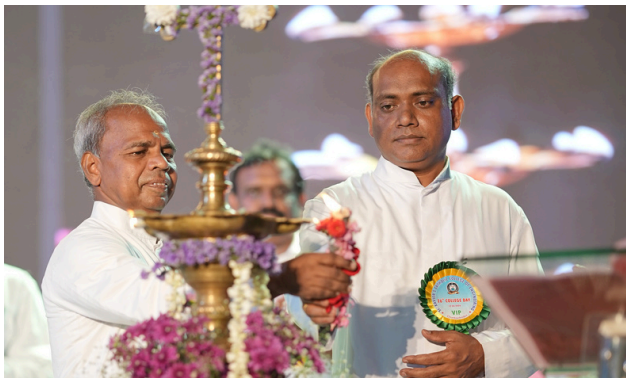
All the very best.



Dr. J. Maheswaran

EVENTS

COLLEGE DAY - 2024



Memorandum of Understanding

The 26th College day was celebrated on 12.04.2024. The function started with a Prayer Song by St. Xavier's choir followed by a Welcome Dance. Rev.Fr.Dr.M.Maria William, the Correspondent, SXCCE formally welcomed the gathering. The annual report of the college was presented by the Principal Dr.J. Maheswaran. The event was graced by the presence of Mr. M. Vetrivendhan, Vice President, Softsquare Solutions, Chennai and Very. Rev. Fr. S. Jesu Retnam, Vicar General, R. C. Diocese of Kuzhithurai. A Memorandum of Understanding (MOU) was signed between Softsquare Solutions, Chennai and Salesforce Technologies, marking the beginning of a collaborative partnership. Rev. Fr. M. Francis Xavier, Bursar, SXCCE expressed gratitude to all those who contributed to the success of the event.

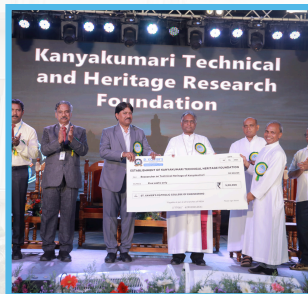
SILVER JUBILEE FINALE



St. Xavier's Catholic College of Engineering, Chunkankadai celebrated its Silver Jubilee Grand Finale on 20th April, 2024 (Saturday) at St. Carlo Acutis Auditorium of SXCCE. The Chief Guests for this celebration are The Most Rev. Dr. Albert Anastas, (Bishop, Roman Catholic Diocese of Kuzhithurai & Our Chairman) and Honorable Dr. R. Velraj (Vice Chancellor, Anna University, Chennai). This Silver Jubilee marks a 25th anniversary and was associated to celebrate the commemoration of the hard work, dedication and perseverance that have brought this organization to where it is today.

The celebration was started with a prayer song, followed by Tamil Thai Vazhthu. Students of SXCCE performed a welcome dance with a traditional song. Rev. Fr. Dr. M. Maria William, Correspondent welcomed the gathering. Dr. J. Maheswaran, Principal presented the current academic achievements of the College. The Bishop ceremoniously released and handed the first ever copy of Silver Jubilee Year Souvenir to Dr. R. Velraj, Vice Chancellor, Anna University.

Former Correspondents, Bursars, Directors, Principals, retired staff members, Institutional representatives, Fathers and Sisters from different Parishes, Alumni Association members and Parent Teachers Association members were given prizes as a token of respect for their dedication and participation. Also, the students from various departments entertained the dignitaries by performing dance and songs. The Bursar, Rev. Fr. M. Francis Xavier thanked everyone. The Management acknowledged the contributions of Educators, Parents and other dignitaries in supporting and shaping our College.



STUDENTS ACHIEVEMENTS



The Department of Computer Applications of Rohini College of Engineering conducted a National level Technical Symposium on April 16, 2024. Our I year MCA students **Gayathri and Bhavatharani** earned the first prize in paper presentations, **Gayathri** won the first prize in technical talks, **Bhavatharani** won the first prize in multimedia presentations, **Balaji and Sidharth** bagged the second place in connections, and **Aslin** won the first place in photography. II MCA students **Akash** won the first place in debugging, **Manoj** won second place in logo design, and **Akash** won second place in poster design. They were awarded with the Symposium's **Overall Championship**.

- **Mebish** of second year ECE B won the second prize in Circuit Fix competition held on 01.04.2024 at Rohini College of Engineering and Technology.
- **Thanishma Gowri V** of second year ECE B won the First prize in Circuit Fix conducted by Rohini College of Engineering and Technology, Ronix 2024 on 01.04.2024.
- **Daphni V S** of II ECE A won the first prize in Circuit Fix competition held at Rohini College of Engineering and Technology on 01/04/2024.
- **G. Naveen** of Second year ECE B won the First prize in Photography conducted by Rohini College of Engineering and Technology, Ronix 2024 on 01.04.2024.
- **Abishek Babu A** of III ECE A successfully completed UiPath Automation Explorer for Students conducted by UiPath Academic Alliance, ICT Academy on 25.04.2024.
- **Collins David C.S** of IV ECE A is eligible for IEEE R10 Ethics Champion Award by The Ethics Awareness and Achievement Committee (EAAC) Region 10 (R10) for the outstanding score of 70% or higher in the IEEE R10 Ethics Super Power Challenge Assessment on 26.04.2024.
- **Mr. Alden Jero and Mr. Vineesh** of II AI&DS won the first prize in Ad-Creation Competition in National Level Symposium organized by the department of MBA, Amirtha College of engineering and technology. Nagercoil on 06.04.2024.
- **Mr. Arwin Dhas and Mr. Aldan Jero** of II AI&DS won the Second Prize in Connexion competition in National Level Technical Symposium held at Mar Ephrem College of Engineering on 05.04.2024.
- **Mr. Vineesh** of II AI&DS won the first prize in Quiz Competition organised in National Level Technical Symposium held at Mar Ephrem College of Engineering on 05.04.2024.
- **Mr. ThanuSiva** of II AI&DS won the First Prize in Paper Presentation competition held at Mar Ephram College of Engineering in National Level Technical Symposium on 05.04.2024.
- The students from **II year AI&DS** won the third prize in group dance competition in Cltural Fest organised by Arunachala College of Engineering on 22-04-2024.
- **Shiny R** of III year EEE has won the First prize for paper presentation in National level technical symposium FEMTEN 2k24 held at Arunachala College of Engineering for women on 10/04/2024
- **Sowmiya M** of II year EEE has won the First prize for Movie Buzz in National level technical symposium FEMTEN 2k24 held at Arunachala College of Engineering for women on 10/04/2024
- **Sowmiya M** of II year EEE has won the Second prize for Spark UR Brain in National level technical symposium FEMTEN 2k24 held at Arunachala College of Engineering for women on 10/04/2024
- I MCA student **Siva Raj**, won the second prize in photography at the National Level Technical Symposium held on April 4, 2024. at Nooral Islam University, Kumaracoil



- **Sahaya Jincy** from IV year CSE **Gopika & Raja Rajeshwari** from III year IT **Amrita** from II year CSE **Ashika** from I year CSE **Anto Joncy** from I year ECE got second prize for group dance in Maczone fest 2024 on 05.04.2024 conducted by Malankara Catholic College of Arts and Science, Mariyagiri.
- **Abinesh M Raj & Divine** from III year MECH **Sherin Rickshiya** from II year IT **Aarthi** from II year CSE **Anton** from II year ECE **Serjin** from I year CSE **Alta Dhas** from I year AI got the third prize for western group dance in Maczone fest 2024 on 05.04.2024 conducted by Malankara Catholic College of Arts and Science, Mariyagiri.
- **Blessed** from IV year EEE **Parikshith** from IV year ECE **Sharbin** from III CSE **Albin Joe** from I year **M.E Felshi** from III year ECE **Jenisha** from III year ECE **Kezhia John** from III year CSE **Sree Devi** from I year EEE got third prize for Indian group song in Maczone fest 2024 on 05.04.2024 conducted by Malankara Catholic College of Arts and Science, Mariyagiri.
- **Blessed** from IV year EEE **Parikshith** from IV year ECE **Shefrin** from II year ECE **Albin Joe** from I year M.E **Edsaron Nithin** from IV year ECE **Reshin** from III year CSE **Jero** from II year Mech **Johnlee** from II year ECE got second prize for western group song in Maczone fest 2024 on 05.04.2024 conducted by Malankara Catholic College of Arts and Science, Mariyagiri.
- **Shaun Ishiah** from I year Mech got the first prize for drawing competition in Maczone fest 2024 on 05.04.2024 conducted by Malankara Catholic College of Arts and Science, Mariyagiri.
- **Sahaya Jincy** from IV year CSE **Gopika & Raja Rajeshwari** from III year IT **Amrita** from II year CSE **Ashika** from I year CSE **Anto Joncy** from I year ECE got second prize for group dance in Marfesta 2k24 on 06.04.2024 conducted by Mar Ephrem College of Engineering and Technology.
- **Blessed** from IV year EEE **Parikshith** from IV year ECE **Sharbin** from III CSE **Albin Joe** from I year M.E **Felshi** from III year ECE **Jenisha** from III year ECE **Kezhia John** from III year CSE **Sree Devi** from I year EEE got first prize for group song in in Marfesta 2k24 on 06.04.2024 conducted by Mar Ephrem College of Engineering and Technology.
- **Mohammed Anshaf** from MBA I year got the first prize for photography in Marfesta 2k24 on 06.04.2024 conducted by Mar Ephrem College of Engineering and Technology.
- **Nayana K Nair** from IV year CSE got the second prize for just a minute(English) in Marfesta 2k24 on 06.04.2024 conducted by Mar Ephrem College of Engineering and Technology.
- **Abinesh M Raj** from III year MECH **Gopika** from III year IT **Amrita** from II year CSE **Ashika** from I year CSE **Anto Joncy** from I year ECE **Sherin Rickshiya** from II year IT **Aarthi** from II year CSE **Anton** from II year ECE **Serjin** from I year CSE got first prize for group dance in Summer Fest 2024 on 04.05.2024 conducted by Uyarthumkarangal.
- **Jelesha I J** from III year CSE got first prize for song competition in Summer Fest 2024 on 04.05.2024 conducted by Uyarthumkarangal.
- **Parikshith** from IV year ECE got second prize for song competition in Summer Fest 2024 on 04.05.2024 conducted by Uyarthumkarangal.

ACADEMIC ACTIVITIES

INTERNATIONAL CONFERENCE ICRECS2024



The Third International Conference on Recent Advances in Energy Efficient Computing and Communication for Smart Systems (ICRECS2024) was conducted from 23-04-2024 to 24-04-2024 by the Departments of Electronics and Communication Engineering, Information Technology and Physics. The Conference started with an Inaugural function on 23/04/2024. The Chief Guest of the day was Er.G.R. Nisha, Scientist, VSSC, Trivandrum. The other dignitaries were our Correspondent, Principal, Vice Principal, Dean Research, Organizing chairs and Organizing Secretary. The Conference included invited talks by eminent keynote speakers: Er. Nisha GR, Scientist, VSSC, Trivandrum, Dr. Narendra Gopal, Head – Research Publications, Content development and Quality Assurance, ICT Academy, Dr. Subrata Das, Principal Scientist, CSIR, Trivandrum, Dr. A. Milton, Controller of Examination and Professor, Electronics and Communication Engineering, St. Xavier's Catholic College of Engineering and Dr. Hamza Mutaher Abdu, Program lead and Lecturer, British University Vietnam.

Electros conducted **technical and non-technical competitions** for ECE students on 05-04-2024, from 9.00am to 4.00 pm at VLSI lab. The technical events were spot talk, spot poster and memory chip. The non-technical events were electro former, brushless painting, and recycling.



A six day value added course on **AI Blended with no code** was conducted from 25-03-2024 to 03-04-2024 for IV ECE students. The resource persons were Mr. Santhosh Sharuk C., Mr. Ahamed Shafeek., Mr. Jenishlin Brisho, II year AI&DS Department

NATIONAL LEVEL TECHNICAL SYMPOSIUM

The **REACH** Association, Department of Civil Engineering, organized a National Level Technical Symposium on 05/04/2024. The Chief Guest of this event was Mr. G. Balakrishnan, Chief Engineer, Kudankulam Nuclear Power Plant. After the inaugural session, a technical talk was presented by the chief guest about the construction practices and components of a power plant. Various technical and non technical events were conducted for other college students.



The National level technical symposium **TECHTONIC** was conducted on 5th April 2024 by the Department of Electrical and Electronics Engineering. TECHTONIC was an amalgamation of various technical, non-technical and on spot events. The Resource Person was N.Neelalingam, NETAPP india Pvt Ltd

A National level technical symposium conducted by our Association of Mechanical Engineering as **METEOR**' 24 on 24.04.2024, Wednesday. The Chief Guest address was given by Mr. Shambu S Krisha, Scientist, BrahMos, He gave a motivational talk which was useful to the students. The alumnus address was given by V. N. Pranav, Quality Engineer, Canada. Then the Presidential address was given by our Principal Dr. J. Maheshwaran. Our Vice Principal Dr. V. Christus Jeyasingh felicitated the gathering.



WORKSHOPS

A workshop on **“Advanced Java with Event Handling”** was organized by the BRIGITZ – association of IT on 8th April 2024 from 02.45 p.m. to 4.15 p.m. with Mr. Aiyappan, technical Head, Jclick Solutions as the resource person. The students learned about the extension services in Java.

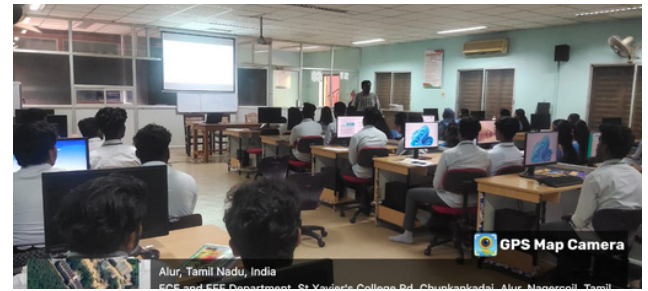


The **Math Club** conducted a workshop on April 27, 2024, at 9:00 am. The workshop aimed to introduce students to mathematical calculations using calculators, covering concepts such as mean, variance, roots, differentiation, and integration. The resource persons, Ms. P. Adin Shiny and Ms. M. Alexlin Sahaya Ithal, conducted the session effectively. Around 38 Math Club members participated in the workshop



A Workshop on **Ethical Hacking** was conducted on 30.04.2024 for the 2nd year students of Computer Science Engineering by Mr.Saravanan, Tech Lead, G-Tec Computer Education, Nagercoil. 120 students attended the workshop. This workshop provides basic ideas about ethical hacking, Security, Different types of attacks and Valnurability Assessment. In the workshop they clearly explained how an unauthorized attempt to gain unauthorized access to a computer system, application and data was done by intruders . Its was totally useful and completely interactive session.

Electros organized a workshop on **VLSI basics** on April 25, 2024, from 9:00 a.m. to 10:30 a.m. The resource person was Mr. S Edwin Lawrence, DFT Engineer, Radiant Semiconductors Pvt. Ltd, Bangalore. The seminar was arranged by Mr.R.Florin Raja Sing AP/ ECE.



The first year CSE-B class underwent an **industrial visit** on 29/04/2024 to UST Global , Trivandrum. Around 62 students along with 3 faculty members went for the Industrial Visit. The incharge of the concerned event , Mr. Monish assisted the students in a good manner. Mr.Sthanu, the senior expert of UST delivered a talk on job opportunity in Information Technology.

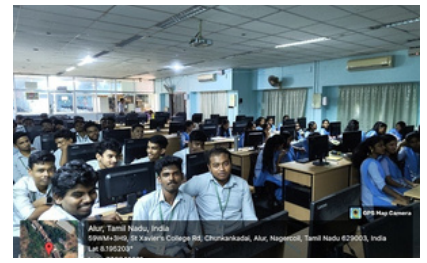


SEMINARS

- A Seminar on **ethical hacking** was held on 30th April 2024 at St. Xavier's Catholic College of Engineering. It was organized by Society of Electrical Engineers (SEE). Er. R Edwin Antony, GTEC, Trivandrum gave the talk on how to use the same tools and tactics as malicious hackers, but their goal is always to improve network security without harming the network or its users.
- A seminar on **"Generative AI"** was organized by BRIGITZ on 27th of April 2024 with Dr. B Hariharan, AP, SRM Institute of Science and Technology, Kattankulathur as the resource person. This seminar will prepare students to contribute to innovations in AI, enhancing their employability and enabling them to drive technological advancements in various engineering fields
- With a view to augmenting and updating the technical knowledge the Department of Humanities and Sciences organized a technical seminar on **"Principles of Flight"** for the first year students of EEE, Mech and Civil branches on 27.04.2024 . The resource person Dr.J. Anish Jafrin Thilak explained about the features the of flight, fuel used in engine and working method of engine.

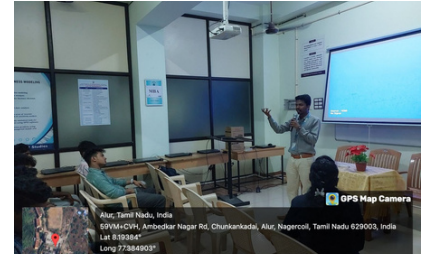


The power seminar on **OOPS Concepts** was conducted on 29.04.2024 for the 2nd year students of Computer Science Engineering by Mr. Aiyappan, Technical Head, Jclicks Solutions, Nagecoil. 119 students attended the seminar. The seminar provides conceptual approach of oops. The seminar covered various topics like Classes, Objects, Inheritance and Polymorphism with real world approach. Its was totally useful and completely interactive session



The Department of Management Studies has organized a webinar on 24/04/2024 **“International Career Opportunities for Commerce and Management Students”**. The Chief Guest of the webinar was Mr. Sathish Raj, CEO of E-Crusaders. This session mainly focused on motivating and transforming young minds. He stressed more on transforming the students into budding entrepreneurs.

The Department of Management Studies organised a seminar on 02/04/2024 **‘SAP’** for the 1 year MBA Students. The objective of the seminar is to present an overall idea regarding ‘SAP’ to the students. The resource person Ms. Kathuri elaborated the topic on SAP. The seminar ends with a grand success.



ASSOCIATION VALEDICTORY

The Valedictory of **Society of Electrical Engineers (SEE)** was held on 23 April 2024. Final year student Mr. Rishu Gran S gave a warm welcome to the gathering. SEE Secretary, Mr. Godwin J P of Final Year EEE read the SEE report in front of the gathering. The chief Guest was Er. Babin T Praise, M.E, Senior GIS Developer, Digital Modernization Team, Avineon India Pvt Ltd, Hyderabad, India. Our principal Dr. J. Maheswaran felicitated the gathering

The Valedictory function of **BRIGITZ** was organized on 15th of April 2024 from 02.30 p.m. to 4.15 p.m. The event started with a welcome address by Mr. J Midhun, Secretary-BRIGITZ followed by the presidential address by the Correspondent Rev. Fr. Dr. M Maria William. The report for the academic year 2023-2024 was read. The winners of various intra-departmental competitions of 2023 – 2024 were honored during the event. The Principal Dr. J Maheswaran delivered the felicitation and the event came to an end by vote of thanks by Mr. F Harris, joint secretary-BRIGITZ.



The **Electros** valedictory function was conducted on 16-04-2024 at the Conference hall. The Chief Guest was Ms. R. Anayarkanni, Senior Software Engineer, Formcept Technologies and Solutions Pvt Ltd, Bangalore



The valedictory ceremony of **REACH** Association, Department of Civil Engineering, for the academic year 2023-2024 was conducted on 05/04/2024. The Principal, Dr. J. Maheswaran presided over the function. The welcome address was delivered by Ms. Heleena V J, Treasurer/REACH. The principal and HoD distributed the prizes for the winners of National level Technical Symposium for the participants from various colleges. Based on the number of prizes bagged by the colleges, the overall championship was given to Arunachala College of Engineering for Women. Also the prizes for the winners of Intradepartment symposium conducted on 07/03/2024 was also distributed.

PLACEMENT ACTIVITIES

PLACEMENTS



- **Goan Institute International Consociation of Education [GICE]** - ON CAMPUS PLACEMENT DRIVE was conducted for B.E – B.E/B.Tech – All Departments, MCA, MBA on 03.04.2024 Eligibility criteria 50% and above in 10th, 12th Std & 5.0 CGPA in Degree. Salary package is Rs.2.2-3.6 lakhs per annum (CTC). 13 students got selected.

- **Schneider Electric Pvt.Ltd.** - ON CAMPUS PLACEMENT DRIVE was conducted for B.E–ECE, EEE, MECH on 10.04.2024 .Eligibility criteria 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is GET - Rs. 3.6 Lakhs per annum, CTC GAT - Rs. 2.10 Lakhs per annum, CTC. 53 students got selected.



- **Tech Mahindra (BPO)** -ON CAMPUS PLACEMENT DRIVE was conducted for B.E–Mech, Civil, EEE, ECE, CSE, IT & MCA · M.E – All Departments on 10.04.2024 .Eligibility criteria 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.1.64 to 3.0 lakhs per annum (CTC). 25 students got selected.

- **Alo Info-Tech Pvt Ltd** - ON CAMPUS PLACEMENT DRIVE was conducted for B.E–Mech, Civil, EEE, ECE, CSE, IT & MCA · M.E – All Departments on 10.04.2024 .Eligibility criteria 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.1.2 to 3.0 lakhs per annum (CTC).



TRAININGS

- Six Days **Interactive Training Session for TCS Placement** by Internal Trainers was organized for the IV Year students from 5th April to 17th April (6 Days). 54 students participated in this training.
- A One Day **Seminar on “Different Fields in IT Sector and Why Software Development?”** was conducted by Mr. Sundar R, Senior Software Engineer, Toyota Connected India(TCIN), Mangalore was held on 22-04-2024. Nearly 43 students participated in this training program.

Nov./Dec. 2023 Phase-II Examinations

- Nov./Dec. 2023 Phase-II revaluation results of first and third semester B.E./B.Tech., and third semester M.B.A. and M.C.A., were published on 23-04-2024.
- Nov./Dec. 2023 Phase-II results of first semester M.E., M.B.A. and M.C.A. were published on 25-04-2024.

IQAC ACTIVITIES



A Faculty Orientation program on **“Effective assessment tools and measuring attainment of outcomes”** took place on April 25, 2024, organized by the Internal Quality Assurance Cell (IQAC) a SXCCE. The Principal warmly welcomed the attendees and provided an introductory speech. Dr. J. Annrose, the IQAC Coordinator, led the session with an outstanding presentation on the topic, highlighting the potential on Effective assessment tools and measuring attainment of outcomes.

CELL ACTIVITIES

Drug Awareness Program was conducted on 10.04.2024 to create awareness among the college students. Mr. Kanakaraj, Sub Inspector of Police was invited as the chief guest for creating awareness on the ill-effects of drug and alcohol conception. He also spoke about the ill effects of drugs and how students get affected because of the fascination towards it. Students from various departments got benefitted out of this program

On Behalf of the International Health day, Health care cell conducted a seminar on the topic **‘My Health My Right’** for the first year students on 5-4-2024. Dr. Jenifer Diana Naturopathy Physician, Therapeutic Trainer, addressed the audience on the theme ‘My Health My Right’. She told that Maintaining physical health is a responsibility, otherwise we will not be able to keep our mind strong and clear. A healthy life is a blessing that only sick people can see.. Around 120 students participated and benefitted through the programme.

The Voters Awareness programme was conducted under the guidance of District collector in coordination with Youth Red Cross on 03-04-2024. The speaker delivered a speech on awareness about the right to vote and also the importance of vote in democracy. They advised the students that if voters will sell their vote for money, themselves they only cause to destroy their society, so they said to all citizens about the importance of casting their vote as per democracy. First year B.E students participated in the pledge of right to vote in the college campus. Staff and students participated in this program





Menstrual Health and Hygiene program was conducted on 2.4.24. It was conducted to create awareness among female students. The aim of this program was to improve health with better sanitation practices. A demo session was conducted by the trainer on the availability of different sanitary pads. Its an useful and interactive session

The National Cyber Safety and Security Standards cell & The Computer Society of India student branch organized a National level Technical Symposium **ENIGMA'24** on 04/04/2024. The Symposium witnessed huge response from the student community with 348 registered student's participation in physical from 10 colleges. The chief guest for the symposium is Er.Edwin Jose R, Senior Technical Lead, H & R Block. The objective of the symposium is to bring out the hidden talents of the students and develop their skills in the latest trends by participating in the technical and non technical events.



A seminar has been organized by **GATE Training Cell** to the Third year GATE 2024 appeared students and GATE Scorers on 18-04-2024 from 10: 45 AM to 12: 15 PM Dr. A. Jegatheesh, Managing Director of ALC Academy, Nagercoil was the resource person. This session focused on the career opportunities based on GATE scores.

CODE CAMP-2K24 was organized on April 29,2024,hosted by SXCCE ACM Student Chapter (124771) & SXCCE ACM-W Student Chapter (190059).The motivation behind the code camp event was to enhance students coding skills,problem solving abilities and team work.Additionally the event aimed to engage participants in challenging coding problems and tasks that would test their programming knowledge and creativity.



The SXCCE IETE Student Forum conducted a seminar on **IoT and Home Automation** on 27/04/2024. It was conducted by Ms. Asmitha L & Ms. Atchaya A D R, a second year student in the Electronics and Communication Engineering. The objective was to provide participants with practical skills and knowledge on utilizing IoT. The Seminar was divided into two sessions: a learning session and a practical session. In the learning session, explained the basic concepts of IoT, Sensors, Arduino UNO controller. In the Afternoon Session, there is a completely practical session where we interface LED and sensors on our innovative ideas.

SXCCE ACM Student Chapter (124771) and SXCCE ACM-W Student Chapter (190059) organized a one day college visit to Lakshmipuram College of Arts and Science, Lakshmipuram, Kanya Kumari District on April 4,2024. During the visit our ACM & ACM-W Volunteers conducted a workshop for pre-final and final year B.Sc-IT Students on the topic "React Ramp-Up : Hands-On Training on Web Development".



PATENT

Dr.M.John Bosco has been granted Utility Patent (Patent No:534062) for an invention entitled “Maximum Power Extraction of Photovoltaic system using a novel cross diagonal view method “ for the term of 20 years from the 9th day of March 2020 in accordance with the provisions of the patent Act 1970.

Journal Article Published

- **Dr. R.Jemila Rose**, Department of AI & DS published a paper entitled “Seasonal assessment of water quality for irrigation using multiple indices in Thamirabarani river, Kanyakumari district, India”, Desalination and Water Treatment 317 (2024) 100206.
- **Dr.B.C.Preethi**, "self attention conditional generative adversarial network optimization algorithm for improving cyber security in cloud computing", Computing and security, vol.140.
- **Ms. J. Jencewin, AP/CSE, Akshay.P, Ashik. J, Beniting. S, Dev. S. Hyvin,** "Detecting Anomalous Behaviour in ATM's Using CNN and LSTM", International Research Journal of Modernization in Engineering Technology and Science, Vol-6, Issue-4.

As A Resource Person

- **Dr. M. Marsaline Beno**, Dean, Research conducted Career Guidance for 9 to 12 Students at Sacred Heart Church, Palliyadi on 09/04/2024 and Kozhipore Vilai Parish on 14/04/2024.
- **Dr. M. Marsaline Beno**, Dean, Research conducted Career Guidance for 9 to 10 Students at YCS, Mulagumoodu Vicariate on 27/04/2024
- **Dr. M. Marsaline Beno**, Dean, Research conducted Training program for Parents on, “How to guide their children ” at Kozhipore Vilai Parish on 28/04/2024.
- **Dr.V.Jesus Bobin** acted as the chief guest for the Malar Association for Literacy Awareness & Rights youth meet held at Kaliyankadu on 27/04/2024
- **Dr. Suja A. Alex**, Assistant Professor, Department of Information Technology has been invited and delivered a talk as a resource person for the webinar on "Introduction to Distributed Machine Learning" organized by the Department of Computer Science and Engineering, V.S.B College of Engineering Technical Campus, Coimbatore on 16th April 2024.

As a Reviewer

Dr. Suja A. Alex, Assistant Professor, Department of Information Technology reviewed articles for the following SCI Journals:

- Reviewer of Applied Soft Computing Journal, Elsevier on 10 th April 2024 & 11 th April 2024.
- Reviewer of Expert Systems with Applications, Elsevier on 11 th April 2024.
- Reviewer of Heliyon, Elsevier on 11 th April 2024 & 21 st April 2024.
- Reviewer of Systems and Soft Computing, Elsevier on 20 th April 2024.
- Reviewer of Advanced Engineering Informatics, Elsevier on 26 th April 2024.
- Reviewer of Neural Computing and Applications, Springer on 12 th April 2024 & 24 th April 2024.
- Reviewer of Health Information Science and Systems, Springer on 18 th April 2024.
- Reviewer of Computer Methods in Biomechanics and Biomedical Engineering, Taylor & Francis on 13 th April 2024.
- Reviewer of Automatika: Journal for Control, Measurement, Electronics, Computing and Communications, Taylor & Francis on 27 th April 2024.
- Reviewer of PLOS ONE journal on 4 th April 2024.
- Reviewer of Intelligent Data Analysis, IOS Press on 20 th April 2024.
- Reviewer of Journal of Intelligent & Fuzzy Systems, IOS Press on 21 st April 2024.

T M Angelin Monisha Sharean acted as a reviewer in

- IEEE Transactions on Instrumentation and Measurement on April 1 st 2024. IEEE Transactions on Instrumentation and Measurement on April 8 th 2024.

Dr.A.Suhasini, Assistant professor/ Chemistry

- Reviewed a paper entitled "Assessing the health of Dachigam stream: A water quality Analysis" to the journal International journal of Environment and Climate change.

- Abinaya, Dr.M.Marsaline Beno, “Survey on Data Analytics for Internet of Medical Things” International Conference on Emerging Trends in Electrical Machines, Power and Energy Systems, EMPOWER 2024, at SRM Institute of Science & Technology, Chennai.
- Dr.M.John Bosco has presented a research paper entitled Power distribution through wireless power technique in the international Conference on ICEECT '24 held at PERI Institute of Technology on 27th April 2024
- Dr.M. Marsaline Beno, Dean, Research attended International Conference on Emerging Trends in Electrical Machines, Power and Energy Systems, EMPOWER 2024 organised by SRM Institute of Science & Technology, EEE Department on 26/04/2024
- P.Agnes Alex Rathy, Dr. J. Banumathi of Department of Information Technology have presented a paper titled- “Security Challenges in Cloud Environments: Addressing Zero-Day Attacks”, in the international conference “Computational Intelligence & Data Analytics (ICCIDA-2024)”, ISBN: 978-93-340-3806-4.
- Mary Jansi Rani Y, J Annrose, “Classification Of Brain Tumors From Mri Images Using An Efficient Hybrid Deep Learning Approach”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- Annrose J, Shibin Sam A, Samnath S, Jennings Rousseau Raj and Shanjeya Bhaarath I R, “AI-Powered Mark Recognition In Assessment & Attainment Calculation”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- Dr. J. Annrose, Midhun J, Jeflin J, Prince L J and Jenisto,” Identification Of Tomato Plant Diseases From Images Using Inception V3”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- Adlin Femil S, Annrose J, “Block Chain Security Model With Artificial Intelligence For Security And Privacy In Internet Of Things”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- Dr. Suja A. Alex, “Wear Rate Prediction of AlCoCrFeNi HEA Coating on Stainless Steel Using Machine Learning Techniques” in the International Conference on Advances in Aerospace and Energy Systems (IAES- 2024) Liquid Propulsion Systems Centre - ISRO and Indian Society for Heat and Mass Transfer – RCT on 6th April 2024.
- T. Abitha, Y.K. Adeno Dhas, H. Hergilin Jesika, R., Dr. Suja A. Alex, “Face Recognition System - A Survey”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- N.Ansagar Mary, P.Ashrin Ummu Salma, M.Jan Joshua, “Blockchain Based E Voting System”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- Ansgar Mary N, Akirsha Reji S, Cannin F Benifa, Domme Sandra D, Sivasankari M.S, “Agricultural Website For Crop Management And Future Grain Analysis”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- T M Angelin Monisha Sharean, Jeni Priya.E, Amshi Priyal S.J, Rishima.T, Luckshika Sri M S, “Analysis Of Blood Bank Data And Blood Group Data Distribution”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- T M Angelin Monisha Sharean, Anu Kraha Roy, Sahaya Vismi, “An Enhanced Fall Detection System For Autonomous Seniors Using Computer Vision And Artificial Intelligence”, International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.

- Anishya P Abdul Mazen, Debak, Jebastin Vasanth, and Vibins, " Deep Learning Mastery: High Accuracy Sentiment prediction for X platform", International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- G Geo Jenefer, Abishek, Farisul Farraj, Sanjay Krishnaa, Stains K S Mault "Decoding the future : Gateway to Informed Real Estate Investments", International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.
- P. Agnes Alex Rathy, Aswin Benjamin, A. Beaudlin, A. Berdinant Lino, M.G. Genish, "Fraud Detection In Healthcare Insurance Claims Using Big Data Analytics ", International Conference On Recent Advances In Energy Efficient Computing And Communication For Smart Systems (ICRECS-2024), ISBN Number : 978-93-340-4197-2.

Book chapter Publication

- Suja A. Alex, Assistant Professor, Department of Information Technology and B. Gerald Briyolan, Final year, Department of Electronics and Communication Engineering published a book chapter titled "Artificial Intelligence-Enabled Tools to Enhance Education" in the book 'Innovation in the University 4.0 System based on Smart Technologies', 1st Edition, Chapman and Hall/CRC, Taylor & Francis on 25th April 2024.
- N Ansgar Mary and T M Angelin Monisha Sharean, of Department of Information of Technology have published a book chapter titled- "Remote controlled Irrigation system", in Futuristic Trends in Chemical, Material Sciences & Nano Technology, e-ISBN: 978-93-6252-759-2, IIP Series, Volume 3, Book 8, Part 1, Chapter 4.
- G.Geo Jenefer and P.Agnes Alex Rathy "An Ingenious Fire Protection System (IFPS) " in Futuristic Trends in Artificial Intelligences, e-ISBN: 978-93-6252-759-2, IIP Series, Volume 3, Book 8, Part 1, Chapter 3, April 2024.
- P.Agnes Alex Rathy and G.Geo Jenefer "IOT Based Automatic Fish Feeder Using Mobile Application" Futuristic Trends in Artificial Intelligence, e-ISBN: 978-93-6252-759-2, IIP Series, Volume 3, Book 8, Part 1, Chapter 2 , April 2024.

Editor:

Dr. Suja A. Alex, Assistant Professor, Department of Information Technology handled four articles as an Editor of "Future Generation Computer Systems" (FGCS) Journal (IF:7.5), Elsevier during April 2024.

Editorial Review Board Recognition:

Dr. Suja A. Alex, Assistant Professor, Department of Information Technology has been invited to join the Editorial Review Board of "International Journal of Healthcare Information Systems and Informatics (IJHISI)", IGI Global on 18th April 2024.

Reviewer Recognition:

Dr. Suja A. Alex, Assistant Professor, Department of Information Technology received appreciation with a Reviewer Certificate for reviewing papers for the second International Conference on Advancement in Computation & Computer Technologies (InCACCT2024) on 10th April 2024 organized by Chandigarh University, Campus – Gharuan, Mohali, Punjab.

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