

ST. XAVIER'S CAMPUS CONNECT

"To create Artificial Intelligence Engineering Technologies with Divine Wisdom"



VISION

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

MISSION

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

by Rev. Fr. S. Godwin Selva Justus

Contents

- Events
- Achievements
- Academic Activities
- Placement Activities
- COE Activities
- CELL Activities
- Research Activities
- Others

Upcoming Events

- Women's Day Celebration - 08.03.2025
- IEEE Project EXPO - 14.03.2025
- InnovACE'25 - 17.03.2025
- Sports Day - 27.03.2025
- College Day - 28.03.2025
- SXMSE (Scholarship Exam) - 05.04.2025

Dear St. Xavier's Family,
Warm greetings to all of you!

It's a pleasure to connect with you through this Campus Connect. You are doing an excellent job, and I hope you're managing the NBA inspection well. While we've reached an important milestone, there's still much more ahead of us. We have a shared responsibility to elevate our institution to the same level as any leading engineering college in metropolitan cities. Always remember, being part of this institution earns you special respect in society. It will be a source of immense pride if we help our institution reach new heights.

As the correspondent of this college, I place my full trust in your abilities. Your selfless service, commitment, and unwavering support are truly admirable. We take great pride in the recognition our institution has received through the IDEA LAB initiative by the central government. I would also like to express my sincere thanks to our principal and vice-principal for their relentless efforts. I believe that all of you now have a deeper sense of research, and this lab will certainly nurture that spirit.

With the new admissions approaching, I invite each of you to actively participate in this process. You are already playing a key role in promoting our institution within your reach, which greatly helps in attracting new students.

It's essential that each department organizes industrial visits to well-known companies, but we must also educate our students on the distinction between an educational tour and an industrial visit. To make this more impactful, it might be helpful to require students to submit an assignment based on their visit, which could earn them internal marks.

I also want to acknowledge the active involvement of both the professional and non-professional cells. My heartfelt congratulations to all the winners of various competitions, and a special mention to Mr. G. Vergin Antony Raj for his outstanding UGC NET score.

May God Bless You All!



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 N
Anna University Recognized Research Institute
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

Dr. J. Maheswaran

My heartfelt appreciations to the Editorial Team for their efforts in successfully releasing this issue of our Newsletter.

This period was filled with academic activities such as Technical Symposia, activities under Professional & Non-Professional cell. Additionally, our NSS students actively participated in a rally organized by St. Xavier's Multi-Speciality Hospital.

Our Placement and Training Cell conducted several placement drives and training sessions, providing valuable career opportunities for our students.

We are also proud that our college has received the Swayam-NPTEL Active Local Chapter Award under the Aspirant category for the July–December 2024 session. I congratulate our students for winning the Runner-up Trophy along with a cash award of ₹5,000 from Malangara Catholic College of Arts and Science, the prize winners of the poster presentation for their outstanding work, as well as the student who received the Playback Singer Award.

I congratulate all students and staff for their contribution to the Institution's success.

EVENTS



On 21/02/2025, St. Xavier's Catholic College of Engineering (Autonomous), Chunkankadai organized an awareness programme on Banking Products at the Conference Hall for staff members. The event was attended by our Correspondent, Rev. Fr. S. Godwin Selva Justus, Principal Dr. J. Maheswaran, and Vice Principal Dr. V. Christus Jeya Singh. The Principal delivered the welcome address, while banking experts from IOB and SBI provided insights on loan schemes, banking features, and general insurance. The session concluded with a vote of thanks by the Principal, appreciating the speakers and participants.

St. Xavier's Meritorious Graduate Award

St. Xavier's Meritorious Graduate Award for School Students was introduced during the silver jubilee finale to honor the SSLC and HSC students, who score the first two places (marks) among the students of the particular parish in SSLC and HSS board exams (Tamil Nadu), of both Kuzhithurai and Kottar Dioceses. Under this scheme, the awards have been given to the meritorious students of Church of Our Lady of Lourds , Allavilai , St.Lourthu Church , Pambanvilai, St.Antonys Church, Chemparuthivilai, St.Antonys Church, Pozhikkarai, St.Antonys Church, Vettuvennai, St.Antonys Church, Vattom, and St.Antonys Church, Thittuvilai.

ACHIEVEMENTS



Our Principal received the **Swayam-NPTEL Active Local Chapter Award** under the Aspirant category for the July-Dec 2024 duration. This award highlights our institution's active participation and outstanding contribution to the NPTEL initiative, with 293 registrations and 203 successful course completions.

- Malangara Catholic College of Arts and Science conducted MacFest Alegria 2025 on 22nd February 2025 and our college won the **runner up Trophy with cash award Rs.5000**. Sharbin , Reshin, John Lee David , Shefrin Xavier A , Felshi A , Jenisha J , Kezia John, Jemimma , Reshin, Sree Devi , Janice Sharona, Raihaan Ajimalam Babu won seond prize in Indian Music and first prize in Western Song. Gopika, Raja Rajeshwari D C , Sherin Rickshiya , Anto Joney , Ashika J , Reshma R , Difna and Abirami won third prize in Folk dance and Anton Jeffrin F , Sherjin, Abinesh M Raj, Divine , Igbert , Adith , Ashmiya won second prize in Western dance.
- On 12th February 2025, the Hackathon Cell of our college organized an intra-college Poster Presentation. **R. S. P. Kethzia, R. Reshma, Safrin Fathima Y., Mona Salama M. A. of 3rd Year CSE, and Nithisma J. and Sahaya Dhanisha S. of 2nd Year CSE** received prizes for their outstanding poster presentation.



On February 26, 2025, **Aswandh Sree Dev T.N.A.** from the Department of Computer Applications, received the Award for Playback Singer – SPB Saragatha Sangeetha Shresta Puraskaram from the Lalanidhi Centre for Indian Arts and Cultural Heritage Trust.

ACADEMIC ACTIVITIES

Educational Tour



The final-year IT students embarked on an All India Tour from January 31st to February 10th, 2025, to several historical and cultural landmarks, including the Taj Mahal and Agra Fort in Agra, the Golden Temple, Jallianwala Bagh, and Wagah Border in Amritsar, the scenic Kullu-Manali, and India Gate in Delhi.

On 24/02/2025, the Department of Management Studies organized a program on the **Factories Act, 1948**, conducted by the Constitution Club for MBA students. The Chief Guest of the seminar was Ms. G. Kirubin Sheeba. The session primarily focused on how legal provisions can be used to improve working conditions, protect workers, and balance industrial growth with worker welfare.



The Department of Management Studies organized a **SMARTs Investors Awareness Program** on 05/02/2025. The resource persons for the seminar were Mr. Sooraj R.J., Mr. Ajith Kumar A., and Mr. Ramaih K. This session primarily focused on motivating participants and providing clear knowledge about financial markets and commodity derivatives.

- On behalf of ACE, a 30-hour **Value Added Course on PL/SQL Database** was successfully conducted from 8th February to 19th February 2025 for second-year CSE students. The course aimed to provide students with a comprehensive understanding of PL/SQL and equip them with the skills to work effectively with databases. The course received positive feedback from students, and ACE acknowledges the efforts of Dr. A. Anisha and Dr. T. S. Sheela Shiney for their expertise and commitment in delivering high-quality training.

- The Association of ADAX organized an **awareness program on Drugs** on 06.02.2025. This awareness program aims to educate individuals, particularly youth and communities, about the dangers of drug abuse, its detrimental impact on health, society, and the importance of making informed decisions. Drug addiction is an escalating issue that negatively affects physical and mental health, relationships, careers, and overall life quality. The seminar was conducted by S. Senthil Velkumar (Inspector of Police, Eraniel PS) and Adv. A. Antus Jerome (Advocate at Kuzhithurai, Sub-Court). .
- On behalf of ACE, a seminar on **"Big Data: Trends, Techniques & Applications"** was conducted on 24th February 2025 led by Dr. B. Ramadoss, Professor HAG, Department of Computer Applications, NIT, Tiruchirappalli. The session explored the growing field of Big Data discussing the latest trends, techniques and practical applications.
- The REACH Association of Civil engineering Department has arranged a **seminar on interior design and animation** for second and third year students on 19.2.2025. Trainers from G- Tec computer education, Nagercoil engaged students for two hours. They shared in detail about the types of interiors, set design, modelling, career opportunities and about Autodesk Maya, which include character creation, character modeling, 3D Artist, Animator, Game developers, 3D designers and motion graphic designer.
- The value added course for the second and third year students of Civil Engineering Department took place from 27-1-2025 to 31-1-2025 for five days. The trainer from ICT Academy Ms. Priya Dharshika conducted the classes. Revit software was taught. Students gained clear idea on the topics and the course was very useful to the students
- A **Skill Wizard program** for Mechanical Engineers on Employability Skills was conducted on 13/02/2025 by Mr. R. Selvaraj & Aswin from CAD DESK, Nagercoil. The program aimed to enhance participants' technical expertise and industry-relevant skills for better employability.



- On behalf of ACE, The **seminar on Mobile App Development** conducted on 10.02.2025 to introduce students to the essentials of mobile app creation and its role in the modern tech Development Analyst, Ms.Amritha jerusha, Mob app developer, Mr.Mugesh, Mob app developer at ALO Info Tech led the session providing insights into the app de technologies used in the industry. Final year CSE students attended the session.
- ACE conducted a **seminar on Machine Learning with AI** on 10.02.2025to introduce students to the key concepts and applications of AI and ML. Mrs. Ulagammal and M systems led the session for 84 students of III CSE, covering topics like supervised and unsupervised learning, AI applications in industries such as healthcare and f Python and TensorFlow.
- On behalf of ACE, the **Data Analytics Seminar** conducted on 06.02.2025 to provide students with an understanding of data analytics including key concepts, tools and industry applications. Miss. Suruthi T.S. and Miss. Jefino Roy B. from NIM Technology led the session, covering topics such as data processing, analysis and visualization.80 students of III CSE participated.
- On behalf of ACE, **seminar on Cyber Security took place** on 6th February 2025 from 1:00 AM to 2:30 PM at the Programming Lab for 42 students of IV CSE.Resource persons from CAD Point, an Authorized Training Centre in Marthandam, included Mr. Mohamed Yoornt, Mr. Praveen Mathias, and Ms. Soumya provided valuable insights into the world of cyber security, covering essential topics like data protection, threat mitigation and best practices for secure online behavior.
- ACE conducted a **seminar on "Future Forward Design Process (UI/UX)"** held on 6th February 2025 at D210, with 49 students of CSE attending. Resource persons from CAD Point, Marthandam— Er. Bibin V K, Er. Augustin Raj K, and Er. Lekha R L—led the session covering key topics such as UI/UX fundamentals, future design trends and essential tools.





A **Career Guidance Program** for Mechanical Engineers was conducted on 07/02/2025, focusing on career opportunities in the design software field. The session, led by Mr. K. Augustin Raj and Ms. Sowmi from Cadpoint Engineering Solution, Marthandam, provided insights into essential skills, industry demands, and growth prospects.

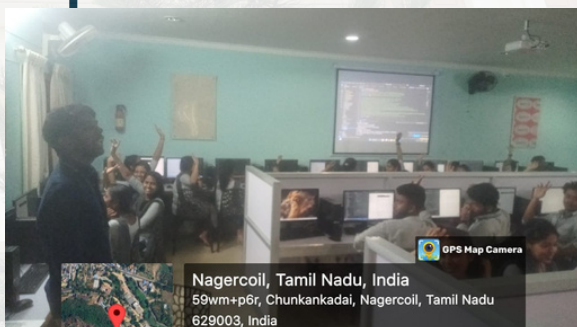


A **seminar on "Next-Gen Networking:SDN and Router Switch Virtualization"** was organized for the second year IT students on 8th of February 2025 by BRIGITZ with Er. R Wincy, Network Architect, Networkz Sustersms.



A **seminar on "The AI & Data Science Confluence"** was organized for the third year IT students on 4th of February 2025 by BRIGITZ with A.Mohamed Azharuddin, Project Manager CADPOINT Marthandam as the resource person.

WORKSHOPS



- A one-day workshop on **"Hands on PWA using Flutter"** was held on February 08, 2025, by the Department of Computer Applications using Flutter app to construct a PWA is the primary goal of the workshop. In the morning, the session was led by Mr. Gokul, a software developer at Flutter Frog Software Solution. The resource person explained the PWA during the morning session using the Flutter App. There was practical instruction in the afternoon session.



- The Association of ADAX organized a **Hands-on Session on Tailwind CSS using ReactJS** on 13.02.2025 for the III-year students of AI & DS . The purpose of this session was to introduce students to the power of Tailwind CSS, a utility-first CSS framework, and its seamless integration with ReactJS, a popular JavaScript library for building user interfaces.

PLACEMENTS



- **Job Fair 2025** – A job fair was conducted on the 24/01/2025 of the three day Kumari Festival , held from 23rd to 25th January 2025. 30 Companies were participated and 227 Candidates were shortlisted for various job opportunities.
- **Kaar Technologies**- On & Pool Campus Placement Drive was conducted for all B.E/B.Tech –CSE, IT,ECE,EEE & MECH on 18.12.2024, 19-12-2024. Eligibility criteria was 85% & above in 10th & 12th and 80% & above in Degree without history of arrears. Salary package is 6.5 to 8.0 Lakhs Per Annum (CTC). Ashmi S-ECE, Divya Priya A-CSE, Sachithanandha Prabhu V M-ECE,Sivanandham M-ECE were selected and provided with the job offer.
- **Compvue India Pvt Ltd**- On Campus Placement Drive was conducted for B.E/B.Tech – CSE,IT, ECE,MECH & MCA, M.E – All departments on 21.11.2024 at 11.00 am. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in UG/PG Degree. Salary package is Rs. 4.0 lakhs per annum (CTC). Steffin Dhas T J/ECE and Sushma M/CSE were selected and provided with job offer.
- **Pinnacle Infotech Solutions** (Core Company)- On Campus Placement Drive was conducted for B.E–EEE,MECH on 06.02.2025. Eligibility criteria was 70% and above in Degree. Salary package is 60% & above in 10th & 12th and in Degree. Salary package is Rs.3.6 lakhs per annum (CTC).10 Students from EEE and 41 Students from MECH (Total-51) were shortlisted for final interview to be held at Madurai company premises.
- **Nandi Toyota**.- On Campus Placement Drive was conducted for B.E–MECH & MBA on 13.02.2025. Eligibility criteria was 60% and above in 10th, 12th Std and in Degree. Salary package is Rs. 3.85 LPA(CTC). 25 Students were shortlisted for final GM interview to be held at Bangalore Company premises.
- **Webberax (Vintorix Pvt.Ltd.)**- On & Pool Campus Placement Drive was conducted for B.E/B.Tech –, ECE,CSE,IT on 14.02.2025, 09.00am . Eligibility criteria was 60% and above in 10th,12th std & Degree. Salary package is Rs 2.64 LPA (CTC). 10 students(9 SXCCCE and 1 UCEN) were selected and provided with job offer.

- **Soft Square Solutions-** On Campus Placement Drive was conducted for B.E/B.Tech - CSE, IT, ECE, EEE & MCA on 18&19.02.2025 & 09.00am. Eligibility criteria was 60% and above in 10th,12th std & in Degree. Salary package is Rs.3.6 to 4.2 lakhs per annum (CTC). 3 Students were shortlisted for the final CEO interview to be held at chennai company premises.
- **Sakura Auto Parts India Pvt Ltd-** On Campus Placement Drive was scheduled for B.E–ECE, EEE & MECH on 19.02.2025 at 9am. Eligibility criteria was 60% and above in 10th, 12th Std and in Degree. Salary package is Rs. 2.4 lakhs per annum (CTC). 29 Students were selected and provided with the job offer.
- **Amadis Technologies-** On Campus Placement Drive was scheduled for B.E/B.Tech – Civil, EEE, ECE, CSE, IT & MCA,M.E – All departments on 19.02.2025 & 9.00am . Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.10,000 per month during internship for 6months & After internship Rs.2.4 to 3.0 LPA(CTC). 12 Students were shortlisted for the final interview.
- **The English Academy–** On Campus Placement Drive was scheduled for B.E -Mech, Civil, EEE, ECE, CSE, IT &MCA,M.E – All Department on 21.02.2025 & 9.00am. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0CGPA in Degree. Salary package is Rs.1.8 to 2.4 Lakhs Per Annum (CTC). 87 Students were selected and provided with the job offer.
- **VI Micro System Pvt. Ltd.-**On Campus Placement Drive was conducted for all B.E/B.Tech – B.E/B.Tech - ECE, EEE, CSE, ITM.E–Applied Electronics, Communication Systems, Medical Electronics, Power Electronics & Drives on 24.02.2025. Eligibility criteria was 60% and above in 10th, 12th Std & in Degree. Salary package is for B.E/B.Tech - 1.8 – 2.1 lakhs per annum(CTC) and M.E – 2.1 – 2.4 lakhs per annum(CTC).7 Students from EEE and 10 Students from ECE(Total-17)were selected and provided with the job offer.

PLACEMENTS



PLACEMENTS



- **MRF Pvt Ltd.**– On & Pool Campus Placement Drive was scheduled for B.E–EEE & MECH on 25.02.2025. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.2.4 LPA (CTC). The results yet to be announced.
- **Perfect Detailing Steel Service Pvt Ltd(PDS)**- On & Pool Campus Placement Drive was scheduled for B.E/B.Tech – MECH,CIVIL on 28.02.2025. Eligibility criteria was 60% and above in 10th, 12th Std & 70% and above in Degree. Salary package is Rs.2.4 LPA(CTC). Results yet to be announced.
- **Digital Logiciel Solutions Pvt. Ltd.**- On Campus Placement Drive was scheduled for B.E/B.Tech –CSE, IT,ECE, EEE, Civil, Mech, MCA, M.E.– All departments on 28 Feb& 01 Mar 2025. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.2.4 to 4.0 Lakhs Per Annum (CTC).20 Students were selected and provided with the job offer.
- **Just Dial Ltd** - On Campus Placement Drive was conducted for B B.E/B.Tech-IT,CSE, ECE,EEE,MECH,CIVIL & MBA(Exclusively for boys) on 19.09.2024 . Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.2.76-3.0 lakhs per annum (CTC). Final round was conducted on 27/02/2025 and 30 Students were shortlisted.

TRAININGS

- A Training was conducted for the students on 04/02.2025 by Mr.Satheesh,Founder, Flutterfrog,who have shortlisted for internship in Flutterfrog.
- One day workshop was conducted for students on 28-02-2025 by Mr.L.Justin Sahayaraj, HRD Trainer Consultancy,AIM Consultancy 19 got the information about the workshop.

Blossoms Assessment and Training:

- A Technical seminar on coding concepts was held on February 21, 2025, to improve understanding and practical programming skills.
- A comprehensive training was conducted in the topic of fundamental and advanced concepts of various programming languages. The objective of the training is to ensure that students to grasp syntax and cultivate the skills to write clean, efficient, and optimized code through practical exercises.
- Non-verbal communication training was conducted by Dr. James Ligorious, offering expert insights into body language, facial expressions, and other essential non-verbal cues to improve effective communication.
- Comprehensive aptitude training was conducted, to enhance individuals' logical reasoning, quantitative skills, and problem-solving abilities, equipping them for competitive exams and job assessments.



COE ACTIVITIES

Nov./Dec. 2024 Phase-I Examinations

- The revaluation result was published on 27-02-2025.
- **Nov./Dec. 2024 Phase-II Examinations**
- Nov./Dec. 2024 end semester theory examinations for first semester UG programs were conducted from 03-02-2025 to 14-02-2025.
- Pre-valuation board meeting was conducted on 14-02-2025.



- Valuation was conducted on 18-02-2025 and 19-02-2025.
- Result passing board meeting was conducted on 28-02-2025.
- The result was published on 01-03-2025.

CELL ACTIVITIES

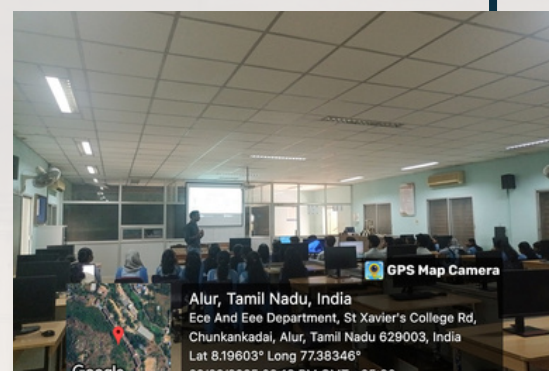
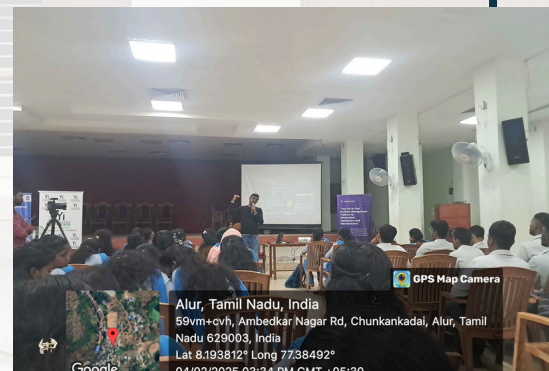
- The practice session organized by **SACA** for the competitive exam was conducted successfully, focusing on enhancing problem-solving speed and accuracy. Participants were engaged in tests covering General Knowledge and Logical Reasoning. The session helped identify common errors and provided targeted feedback to improve performance. Time management strategies were emphasized.
- The **Constitution Club** organized a "Seminar on Cyber Security: Awareness to Action" on 22/02/2025 at 10 AM. The seminar focused on the Cybercrime is a growing threat in today's digital world, affecting individuals, businesses, and governments alike.
- In view of Women's Day Celebration Women Cell conducted competitions on 22.02.2025 for women students to bring out their talents. The theme for Women's Day 2025 is "For All Women and Girls: Rights, Equality, Empowerment."
- The Magazine Review event, organized by the **Readers Club**, was held on 22nd February 2025 with the objective of engaging students in the critical analysis of magazine content. 'Thinai' magazine was selected for review. The resource person of this event Dr. Suresh Thirumozhi, Editor, Thinai.





- A workshop is organised by **Math club** on 22-02-2025. The resource persons Ms. S. Asha Alice and Ms. M. Alexlin Sahaya Ithal, aimed to enhance students' proficiency in mathematical calculations using a calculator, covering fundamental concepts like mean, variance, and standard deviation. Additionally, Ms. Alexlin provided practical insights in solving differentiation and integration problems and making mathematical problem-solving more accessible and engaging.
- On 22nd February 2025, the **Jyothis Club** in association with the **Tamil mantram, Orator club and the English club** organized a motivational talk in Rock Auditorium. The club members meticulously planned and executed the event. The program commenced at 9:15 am with a warm welcome by Dr. Vidhya J P, the faculty Advisor of Jyothis. The speaker pointed out the various skills to be improved by the students.
- **Istitute Industry Collaboration Cell and Flutterfrog** organized a one day "Excellence Workshop" for the student interns and employees of Flutterfrog on 28th February 2025. The corporate trainer Mr. L. Justin Sahaya Raj, HRD Trainer & Consultancy, AIM Consultancy, Nagercoil explained the managerial skills, business process, sales and marketing strategies.
- SXCCE Go Green event was conducted on 22.02.2025. Around 40 **NSS** volunteers and 2 NSS Programme Officers participated in this event. The main motto of this event was to analyze the data about every green plant on the campus. The collected data will support the development of the planning. This programme engaged students in environmental stewardship, emphasizing the importance of preserving and nurturing the natural ecosystem around us. The event successfully fostered a sense of environmental responsibility among students and highlighted the role of trees in sustaining a healthy ecosystem.
- A Special Training program was conducted on 22/02/25 in the Rock Auditorium by Mr. Vinoth Jose Raj, Dream Tech Training and services. Entrepreneur took class for the **Orator club, Tamil mantram, English club and Jyothis club** students to make them to get a clear idea about Graphics, Fashion design, western and folk dance. It was fully a training session from morning to afternoon and students benefitted a lot from that. During the afternoon session we had a motivational talk regarding Youth talk by Dr. M. Maenu.
- The Cancer Awareness Programme and Rally was conducted on 04.02.2025. Around 88 **NSS** volunteers and 2 NSS Programme Officers participated in this event. The initiative aimed to educate the public about cancer prevention, early detection, and the importance of a healthy lifestyle. The event began with an awareness session conducted by medical professionals from St. Xavier's Multi-Speciality Hospital. Experts emphasized the significance of regular check-ups and a balanced diet in reducing the risk of cancer.

- **Envision'25**, an intra college poster presentation is organized on 12.02.2025 to enhance the communication, research, and critical thinking skills while boosting confidence and creativity. The themes are Sustainable Energy solution for the future, Smart Homes and Cities, The future of Autonomous vehicles and Engineering for the next gen. 26 teams participated in the competition. Trophies and certificates were presented to the winning teams in each theme by our principal Dr. J. Maheswaran.
- **Institute Industry Collaboration Cell and Flutterfrog** organized a one day workshop on "Opportunities and Threats of AI in Software Development" for the student interns of our college on 04th February 2025 at conference hall. The session was led Mr. Satheesh Kumar, CEO, Karka Software Academy, Nagercoil. The trainer explained the various opportunities and threats associated with AI in software development process and also the product development.
- A painting exhibition was held on 24.02.2025 at St. Xavier's Catholic College of Engineering, Chunkankadai. **ECO Club, Fine Arts Club, and EraniIam** collaborated to host an art gallery with the subject "Biodiversity Protect Nature". 64 paintings with a nature theme were on display in the exhibition; each one demonstrated the creative genius of Artisan N. Tamilarasan, the founder of EeraniIam.
- **CII-YI-YUVA** organized a Workshop on "Design thinking, Critical thinking and Innovation design" on 22-02-2025 at 9.00 a.m. in the VLSI Lab, ECE Department. The Resource person of this event was Mr. Satheesh Kumar, Founder & CEO, AgileTribers, Nagercoil. The workshop was focused on the concept of Design thinking mindset, Idea to product, Systematic Innovation and Structured Teamwork.
- **A tree plantation program** was conducted at St.James High School Valiyavilai,(near Karungal) school campus on 22.02.25.
- A program on the "Importance of cyber security and the cyber law" was conducted from the **SC/ ST cell** . The objective of a program on cyber law and security is to educate individuals on the legal framework surrounding cyberspace, enabling them to understand and protect against cybercrimes while also promoting secure online practices by implementing appropriate cybersecurity measures to safeguard sensitive data and critical infrastructure within digital environments. Adv. G. Kirubian Sheeba . B.E .M.L , Advocate , Nagercoil was the resource person.



RESEARCH ACTIVITIES

Journal Article Published

- **Suja A Alex**, Neha Singh, Mainak Adhikari, Digital Twin-based Dynamic Resource Provisioning Using Deep Q-Network on 6G-enabled Mobile Edge Networks, 17th International Conference on COMMunication Systems and NETworks (COMSNETS2025), Bangalore, pp. 774-781, IEEE, Feb 2025.
- **M.Marsaline Beno**, “Demystifying Smart Meters: Powering the Next-Generation Grid “, a Book Chapter in, Cloud Computing in Smart Energy Meter Management, Scrivener Publishing, Feb 2025
- Christal Merlin S , **Marsaline Beno.M**, Environmentally Sustainable Clean Energy Solution: Optimizing Photovoltaic Systems Using the Gazelle-Nelder-Mead (GOANM) Algorithm , Rocznik Ochrona Środowiska, vol. 27, Feb 2025, pp. 25-36

Dr. M. Marsaline Beno, Dean, Research

- conducted Career Guidance for 9 to 12 Students at Mathiravilai Vicariate Cathoilo Action Society on 11/02/2025
- conducted Career Guidance for 9 to 12 Students at St Lawrence Hr Sec School, Madathattuvilai on 14/02/2025
- conducted Career Guidance for 10 to 12 Students at Mother Theresa Matric Hr Sec School on 22/02/2025
- conducted Career Guidance for 11th and 12th Students at Chrithunager Church, Vertunimadam Parish on 23/02/2025
- acted as a Resource person at Green Agri Club at SJF Gardens and delivered Green Message on 14/02/2025
- acted as a Resource person at IEI KKLC Regional Language Day Celebrations at Riyassa Labs, Kottar and delivered a talk on Impact of IEI KKLC at Kanyakumari District on 21/02/2025.

Dr. C. Seldev Christopher, Professor, Department of CSE acted as a resource person at University College of Engineering, Nagercoil on 26/2/2025.

Dr. Suja A. Alex, Assistant Professor, Department of Information Technology acted as a Reviewer of

- IEEE Sensors Journal (27/02/2025)
- Expert Systems With Applications (27/02/2025)
- IEEE Journal of Biomedical and Health Informatics (26/02/2025)

As A Reviewer

Dr. Suja A. Alex had been invited to review the papers for the 5th ICIoT2025, SRM Chennai on 18/02/2025 and reviewed the assigned papers on 26/02/2025.

Dr.P,R.Sheebha Rani, Head and Assistant Professor of CSE department has been granted **Patent** (Patent No:435781-001) for an invention entitled “IOT BASED SOLAR AGRICULTURE ROBOT FOR PESTICIDES SPRAYING “ for the term of 10 years from the 26th day of October 2024 in accordance with the provisions of the patent Act 2000 and the Designs Rules, 2001.

Mr.G. Vergin Antony George, ECE has achieved an exceptional milestone by securing a UGC NET score with a remarkable 99.18% percentile. This outstanding accomplishment is a testament to his dedication, hard work, and expertise in their field of study.



As a Resource Person

RESEARCH VISITS

- On the 8th of February, a group of faculty members and research coordinators visited SXCCE's agricultural land at Kumaracoil to study the practical aspects of agricultural practices, land management, and sustainable farming methods. The visit aimed to provide a deeper understanding of agricultural techniques and the integration of technology in modern farming.
- On 18th February 2025, a group of faculty members from our college visited Indian Rare Earths Limited (IREL) in Manavalakurichi. The visit provided a valuable opportunity to explore potential collaboration avenues between IREL and the college. The team included Rev. Fr. S. Godwin Selva Justus (Correspondent), Dr. M. Marsaline Benoit (Dean - Research), Dr. Seldev Christopher (Associate Dean - Academics), Dr. Ajith J Kings (Associate Dean - Research), and several other faculty members from various departments.
- In line with the CSIR Open Day, a group of faculty members from our college had the opportunity to visit the prestigious CSIR Trivandrum facility on 28th February 2025. This event proved to be an invaluable experience, offering participating faculty a chance to engage with ongoing research and witness the groundbreaking work being carried out at CSIR. A total of 8 esteemed faculty members from various departments participated in the visit.



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