

# ST. XAVIER'S CAMPUS CONNECT



## CORRESPONDENT'S MESSAGE

by Rev. Fr. S. Godwin Selva Justus



Dear St. Xavier's Family,  
Greetings to you all!

As we are ending the year 2024 and entering into 2025, may the year be a blessing to all of you. I pray that your dreams may come true in the New Year. Be a blessing to all your family members and our St. Xavier's family too.

I was deeply touched with the musical club that had taken some initiative to train the students to play the bands. Our first year students, being the new comers did extremely well. Let it continue in the forthcoming common events too. We have introduced a new tradition by awarding the meritorious students of Tenth and Twelfth. But it is also our responsibility to motivate the students to join the entrance exam conducted for the meritorious students. The respective ambassadors can take up the job. Very many times they are not aware of the possibility created in our college.

We are indeed happy with the placement that our students are offered. Our sincere appreciation goes to the dean for the futuristic services. It is the responsibility of every staff in the campus to motivate the students to have their placement in the near future. That is to say, we need to mold our students holistically starting from their language, dress code and the attitudes.

It is the need of the hour that we have to conduct certain awareness program like Anti-Harassment, Brutality against Women and Antidrug in the college. The concerned cells can plan out such programs throughout the academic year. The IGEN Green sustainability has recognized 17 of us as eco-lovers. While appreciating them, we too demand them to promote eco-sustainability in our campus.

May god bless you all in the New Year!

### 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.

- Events
- Students Achievements
- Academic Activities
- Placement Activities
- COE Activities
- Cell Activities
- Research Activities
- Others

### Upcoming Events

- ST. Xavier's Feast - 02.12.2024
- FDP - Research Applications in Artificial Intelligence and Machine Learning - 02.12.2024 - 07.12.2024
- Crib opening - 20.12.2024
- PTI Meeting (First year)- 20.12.2024
- Christmas Day Celebration - 21.12.2024

### Contents



**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  
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

It's my duty to congratulate the efforts taken by the members of the editorial team of our Newsletter for releasing this issue successfully. The period under report is filled with Academic activities, a lot of activities from Technical Associations, Professional cells, non Professional cells. We successfully conducted the Graduation Day for 2024 Graduates. BoS meetings, sub committees meeting were also conducted. I congratulate the achievers of NPTEL courses both Faculty and students. I also congratulate the students who received offers from reputed Companies. Semester end examinations are also going on for senior UG classes. For 1st UG, classes are going on in full swing. I congratulate the wonderful cooperation and support rendered by the staff members, students and their parents.

Pray Almighty to shower His choicest blessings on us for our success in all endeavours.

## EVENTS

### GRADUATION DAY



The 23rd Graduation Day of St. Xavier's Catholic College of Engineering, Chunkankadai, was celebrated on 30th November 2024 in the St. Carlo Acutis Auditorium. The event was attended by esteemed dignitaries, staff, families, and 531 graduands. It began with a solemn invocation and a welcome address, followed by an inspiring speech by the Chief Guest, Mr. Selvarajan, General Manager of IREL, who also presented cash prizes and awards to the rank holders. The Most Rev. Dr. Albert Anastas, Bishop and Chairman of SXCCE, presented the degree certificates to all the graduands. The Principal, Dr. J. Maheswaran, congratulated the graduates, and the Correspondent, Rev. Fr. S. Godwin Selva Justus, offered words of encouragement. The ceremony concluded with a vote of thanks and the National Anthem.



## 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 HSC board exams (Tamil Nadu), of both Kuzhithurai and Kottar Dioceses. Under this scheme, the awards have been given to the meritorious students of the Church of all Saints, Muttom, the Church of Christ the king, Chadayalputhoo, St.Catherine Church Thoothoor, the church of St. Andrew, Manakudy, the Church of Christ the king, Christu Nager.



## STUDENTS ACHIEVEMENTS

- **Cpl Arnold** was selected to present his project in the Idea / Innovation competition in the Inter Group category at Madras Medical College, Chennai on 20-11-2024 after being selected in the Inter Unit Competition held at NTA, Madurai on 13-11-2024.
- On November 8, 2024, ThamiraBharani Engineering College, Tirunelveli, hosted the national level technical symposium Technexus 2k24. In the competition, **R. Rahul, III CSE** secured second place in Brand Buzz, showcasing his marketing skills, while **S. Venkatesh, III CSE** won first place in Web Artistry for his excellence in web design and development.

## ACADEMIC ACTIVITIES

### ACADEMIC AUDIT 2024-2025

As per the direction of Anna University, Academic Audit was conducted on 28.09.2024, 10.10.2024 and 29.10.2024 by external experts for the courses conducted during the Academic Year 2023-2024. The experts from National Engineering College, Kovilpatti, University College of Engineering Nagercoil, Francis Xavier Engineering College, tirunelveli conducted the audit successfully .



Nagercoil, Tamil Nadu, India  
59VM+CMG, Chunkankadai, Nagercoil, Alur, Tamil Nadu 629001  
Lat 8.193701°  
Long 77.384299°  
28/09/24 01:23 PM GMT +05:30

- The fifth Board of Studies meeting of **EEE department** was conducted on 18th November 2024 from 09.30 A.M – 12.30 P.M in the Board Room. The Principal Dr.J.Maheswaran gave an introductory talk. The Chairman Dr.S.V.Kayalvizhi presented the fourth Board of studies meeting minutes and decision/action taken report followed by discussion on the suggestions / recommendations offered by the members fourth Governing Body meeting. The members Dr.V.Suresh Kumar(Anna University Nominee), Dr. G. Saravana Ilango ( Academic Expert ) Dr.S.SolaiManohar, Academic Expert, (Industry Expert) Er. S.Emil Jeba Singh (Industry Expert), Er.P.Merlin Kumar (Alumnus) and Our correspondent Rev.Fr.Godwin Selva Justus attended the meeting and gave valuable suggestions regarding the curriculum of UG program.



- The fifth Board of Studies Meeting of Faculty of **Computer Science and Engineering, Information Technology and Artificial Intelligence and Data Science** was conducted on 23-11- 2024 (Saturday) at 10.00 a.m. at Board Room. The minutes of the fourth BoS and Academic Council meetings, along with the action taken report, were presented by Dr. P. R. Sheebha Rani (Head, CSE), Dr. G. Sahaya Stalin Jose (Head, IT), Dr. R. Jemila Rose (Head, AI & DS), and Dr. M. M. Janeela Theresa (Head, MCA).



- The fifth Board of Studies (BoS) meeting for the Department of **ECE** at SXCCE, with the University nominee, was held on November 15, 2024, at 10:00 a.m. in the Einstein Seminar Hall. All faculty members of the department attended, joined by a University nominee for BoS, two external expert members, an industry representative, and a distinguished postgraduate alumnus. The Principal Dr. J. Maheshwaran gave an introductory address, Dr. S. Caroline, Head of the Department of ECE, presented the updates made following the previous BoS meeting and outlined the curriculum and syllabi for the seventh semester of the undergraduate program. Our Correspondent, Rev.Fr.S.Godwin Selva Justus, offered his suggestions.



- The Fifth Board of Studies (BOS) meeting of the department of **Mechanical Engineering** was conducted on 26.11.2024 by online and offline mode using Google Meet at 10.30am. Dr. M. Antony Forster Raj has initiated the fourth BOS meeting by introducing the external members and internal members. Dr. V. Christus Jeyasingh, Vice-Principal, SXCCE gave facilitation and spoken about the importance of BOS meeting. Dr. G. Antony Miraculous, chairman of the BOS shared the proposed curriculum and subjects of 4th year, seventh & eighth semester UG Mechanical Engineering and started the discussion.
- The fifth Board of Studies Meeting of Faculty of **Civil Engineering** was conducted on 21-11- 2024 at 10.00 a.m. at Civil computer lab. The minutes of the fourth BoS and Academic Council meetings, along with the action taken report, were presented by Dr. I Jessy Mol(Head, CE).



## SHAX INSTALLATION



The Inauguration of SHAX was conducted on 06/11/2024 at 2.45pm in the Conference hall. The program started with the prayer song. Joint secretary of SHAX welcomed the gathering. The Faculty Advisor Ms. M. Sindhu introduced the new office bearers for this academic year. The annual report was presented by the Secretary of SHAX. Dr. V.Vijimonmoni, Coordinator of H&Sc introduced the chief guest. Er. C. Chandrasekharan, Deputy Director, IPRC, Mahendragiri gave the chief guest address. Presidential address was given by our Correspondent Rev. Fr. S. Godwin Selva Justus. Felicitation was given by the Principal, Dr. J. Maheswaran. The treasurer of SHAX rendered vote of thanks.

## HACKATHON

A hackathon was conducted for students of Civil Engineering Department to create awareness amongst students about the 17 SDG goals and to showcase their talents with a poster. the event was conducted under 4 categories and 6 teams participated. Our faculty members, Dr. P Antony Vimal and Ms. L Porcia evaluated the posters. The office bearers of REACH monitored and encouraged the participants throughout the event with the kind support of HOD. The event was beneficial for the students.



## SEMINAR ON SOFT SKILLS



A Power Seminar on Soft Skills was held on 14th November 2024, hosted by St. Xavier's Catholic College of Engineering, Nagercoil, in collaboration with ICT Academy. Led by Mr. Gregory Manoj, AGM (Learning & Development) at Allsec Technologies Limited, the session focused on Communication Skills, Emotional Intelligence (EQ), and Problem-Solving and Critical Thinking. Drawing on over 21 years of experience, Mr. Manoj provided insights into enhancing interpersonal skills and tackling challenges effectively. The seminar aimed to prepare participants for corporate demands, promoting personal and professional growth, aligning with St. Xavier's commitment to holistic student development.

## Coffee with Corporate Leader

On 14/11/2024, St. Xavier's catholic college of Engineering (Autonomous) and St. Xavier's Management Student Association along with Trivandrum Management Association (TMA) organized a 2.45 hr seminar on "Coffee with Corporate Leader". The chief guest of the seminar was Mr. Ganesh Kumar, Director of Ayoki Fabiricon, Pvt. Ltd. Pune. The main purpose of this seminar was to enable the students obtain industrial exposure by engaging with a renowned industrial leader and to gain insights about the various stages of personal and professional growth of the students when in the practical corporate world.



## INDUSTRIAL VISIT



- On 14/11/2024 and 15/11/2024, Different batches of I MBA students visited Hatsun Agro Product Ltd, a leading organization in the Dairy sector. The objective of the visit was to provide students with practical insights into industrial processes, operations, and modern technological advancements, linking theoretical knowledge to real-world applications.

## PLACEMENT ACTIVITIES

- Cognizant** - Virtual On Campus Placement Drive was conducted for B. E / B. Tech –ECE, EEE, CSE, IT, Civil, Mech, M.E – All departments on multiple dates from 12.09.2024. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree (No Current Arrears). Salary package is  
Rs.6.75 lakhs per annum (CTC) – GenC Next  
Rs.5.40 lakhs per annum (CTC) – GenC Pro  
Rs.4.00 lakhs per annum (CTC) – Gen C.  
6 students were selected and provided with the offer letter. (Shanjai J Sharon/M.E-CSE, Hari Krishnan/EEE, Thiso Dhas G B/CSE, Ankita Melanie John/CSE, Alfin Jenisha A/CSE, Jositha J A/ CSE).
- H&R block** . -Virtual On Campus Placement Drive was conducted for B.E/B.Tech – ECE,EEE,CSE,IT,MCA on 08.10.2024. Eligibility criteria was 60% and above in 10th, 12th Std & 7.0 CGPA in Degree. Salary package is Rs. 5 .06 LPA (CTC). Final round interview was conducted on 08.11.2024 ,Thriveni J.A and Jelesha I.J from final year CSE were selected and provided with job offer.
- Exalca Technologies** – On & Pool Campus Placement Drive was conducted for B.E/B.Tech – CSE, IT, ECE,EEE,MECH & MCA M.E – All departments on 09 & 10.10.2024, 09.00am. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is 70% and above in 10 and 12, 7.0 CGPA in Degree. Salary package is Rs.2.75 to 3.5 LPA (CTC). 4 students from SXCCE and 3 students from UCEN (total 7 students) from various departments were selected and provided with job offer.
- Aarbee Structures Pvt Ltd.**- Off Campus Placement Drive was conducted for B.E-Civil Engineering on 21.10.2024, 09.00 am. Eligibility criteria was 60% and above in 10th,12th std &6.0 CGPA in Degree. Salary package is Rs.2.52 LPA (CTC)-Bangalore, Rs. 2.28 LPA(CTC)-Coimbatore/Cochin. 4 Students were selected and provided with job offer.
- Infiniti Software Solutions Pvt. Ltd.**- On Campus Placement Drive was conducted for B.E./B.Tech – Civil, CSE,ECE, EEE, IT & MCA on 29.10.2024. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs. 3LPA – 5LPA (will be based on the performance in the training). The results are yet to be announced.



- **Infaworx Data Management Services Private Limited-** Off Campus Placement Drive was conducted for all B.E, M.E – CSE, IT, ECE & M.E on 01.11.2024 & 09.30am. Eligibility criteria was 70% and above in 10th, 12th Std and 60% and above in Degree. Salary package is ₹ 3.0 Lakhs per Annum (CTC). The results are yet to be announced.
- **Conserve Solutions-** Off & Pool Campus Placement Drive was conducted for B.E, M.E – Civil, EEE & Mech on 12 & 13th Nov 2024 & 09.00am at University College of Engineering, Konam, Nagercoil. Eligibility criteria was 70% and above in 10th, 12th Std and 70% and above in Degree. Salary package is ₹15000 Per Month -Internship (6 months), Rs.2.4 to 3.0 Lakhs per Annum – After 6 months. Krishna Raghul.K from final year Civil was selected.
- **Novac Technology Solutions Pvt. Ltd.-** On Campus Placement Drive was conducted for B.E/B.Tech – B.E/B.Tech–CSE, IT on 21.11.2024. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs. 3.25 lakhs per annum (CTC). 5 Students were selected and provided with 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). 32 students were shortlisted for technical interview.
- **Data Patterns (India) Pvt Ltd-** On Campus Placement Drive was scheduled for BE - ECE,EEE / M.E./M.Tech - ECE,EEE on 22.11.2024 at 8.45 am. Eligibility criteria was 65% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs. 4.2 lakhs per annum (CTC). 3 students were shortlisted for technical interview scheduled on 30.11.2024 at Chennai.



## Blossoms Assessment & Training:

- First Level Screening Test was conducted for II & III year B.E/B.Tech students on 09/11/2024 and 11/11/2024 by Internal Trainers, SXCCE for selecting the students as Blossoms-2024 batch.
- Second Level Screening Test was conducted for shortlisted II & III year B.E/B.Tech students from 12/11/2024 by Internal Trainers, SXCCE for filtering the students as Blossoms – 2024 batch. After two levels of assessment students were shortlisted for Blossoms-2024 batch training.



## Nov./Dec. 2024 Phase-I Examinations

- Nov./Dec. 2024 end semester practical examinations for semester 7, 5 and 3 of B.E./B.Tech. and semester 3 of M.C.A. degree programs were conducted from 12-11-2024 to 22-11-2024.
- Nov./Dec. 2024 end semester theory examinations for semester 7, 5 and 3 of B.E./B.Tech. and semester 3 of M.C.A. degree programs are being conducted from 25-11-2024.
- Nov./Dec. 2024 end semester practical and theory examinations for semester 3, 1 of M.E., M.B.A. and semester 1 of M.C.A. degree programs are scheduled to be conducted as follows.
- Practical examination from 05-12-2024 to 11-12-2024
- Theory examinations from 12-12-2024
- PG project phase-I viva-voce examinations on 10-01-2025

## Nov./Dec. 2024 Phase-II Examinations

- Nov./Dec. 2024 end semester practical and theory examinations for current first semester B.E./B.Tech. degree programs are scheduled to be conducted as follows.
- Practical examination from 20-01-2025 to 29-01-2025
- Theory examinations from 03-02-2025

## CELL ACTIVITIES

### Rally on Brutality against Women



Rally on Brutality against Women was organized by Kuzhithurai Diocese on 25.11.2024 Monday from Kuzhithurai post office to Vettuvani. The purpose of this rally is to create awareness about violence against women in domestic and working environment.

A program on **"Debate on Mathematics in Engineering: Empowering or Limiting Creativity?"** is conducted by Math club. The event started at 1:00 PM with a welcome address by Ms. Shermi Belcit, followed by a speech about mathematician "Srinivasa Ramanujan" by Ms. Varooniga. The debate between the two teams led to a lively discussion, with the Empowering Mathematics team emerging victorious after a review by judge Ms. Susintra, and the event concluded with a vote of thanks by Ms. S.R. Sujera.





## Awareness Programme on Crime Against Women & Child

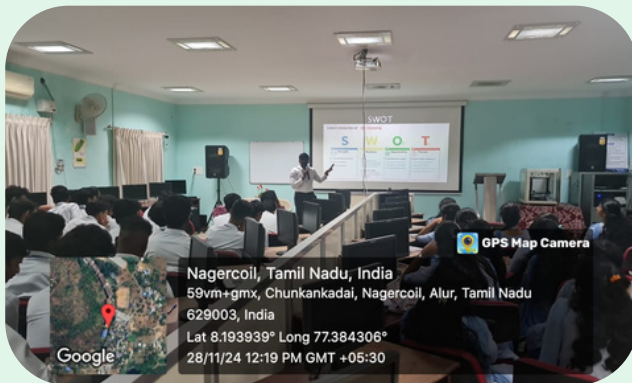


Women Cell, Anti-Gender Harassment Committee, NSS & NCC in Association with District Police, Kanyakumari organised an awareness programme on Crime Against Women and Children. This program is conducted to create awareness among students about the problems faced by women and children in today's world.

On November 8, 2024, the YRC hosted a Seminar at SXCCE in association with the Kanyakumari district's Department of Family Welfare. They held an awareness Seminar on the prevention of teen marriage and pregnancy to raise awareness among students and the general public.



An awareness program named **“Problem Solution and ideation”** was organised by MSME on 28.11.2024 from 10.00 am to 12.30 pm. The resource person was Dr. M.S. Starvin ,Asst. Professor, Dept of Mechanical Engineering, UCEN. First year students of AI branch attended the session. The resource person spoke about problem identification, methods to solve problems and ideation. At the end of the session, the resource person cleared the doubts raised by the students.



Institution's Innovation Council organized a Session on the **“Basics of Intellectual Property Rights and its Importance for Innovators and Entrepreneurs”** on 18th Novemer2024. The resource person for the program was Dr. M. C Jobin Christ, Professor, Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai.99 students and two faculty members attended the program. The session was coordinated by Dr.V.Jesus Bobin, Assistant Professor, Department of Electrical Engineering, SXCCE.



In the celebration of **Indian Constitution Day** on 26th November, the Constitution Club of our college organized a various competitions for students. This event aims to honor the adoption of the Constitution of India and to promote awareness about its significance, principles, and values among young minds. Students will have the opportunity to showcase their knowledge, creativity, and understanding of constitutional ideals through these competitions.



Our cadets Aju N J Blessing, Stephen Raj J And John Jins J were selected to attend the 12 days (Basic Leadership Course) BLC camp at Bannari Amman Institute of Technology, Sathyamangalam from 04 Nov 2024 to 15 Nov 2024. They are among the 6 SD cadets represented our Battalion. This camp was conducted by 2 TN Air Sqn NCC, Coimbatore under the aegis of NCC Gp HQ Coimbatore, on behalf of NCC Dte (TN, P&AN), Chennai. All the three cadets performed well and got selected to attend the Advanced Leadership Camp at NIT Karnataka, Surathkal from 9-12-2024 to 20-12-2024.

In connection with the **76th raising day celebration of NCC**, a blood donation camp was conducted on 24-11-2024 at Pioneer Kumarasamy College, Nagercoil. Dr Rakesh, Medical Officer, Blood Bank, Kanya Kumari Medical College Hospital, Nagercoil, explained the conditions required for donating blood and the need of blood donation. Nearly eighty cadets including five NCC cadets of our college participated in this program. PKC Vice Principal Dr G Rexin Thusnavis, PKC, Our ANO Maj S Edwin Gladson, PKC ANO Lt Radhika, Sb Maj Bamer Singh and Sub Sivanesan from 11 (TN) BN NCC, Nagercoil were present during the camp.



In order to create a society with social harmony an awareness program was conducted by Kanya Kumari District Police on 19-11-2024 at Einstein Hall, SXCCE. Nearly 150 students including 32 NCC cadets participated in this program. Creating awareness on crime against women and children was the main theme of the program. Tr Mohan Dhas, ADSP, Cyber crime, Nagercoil was the Chief guest of the program. Tr Chandra Sekaran, Dy Supt. of Police (PEW), Nagercoil, also addressed the gathering. Our Correspondent Rev.Fr. Godwin Selva Justus presided over the function. After the meeting a rally was conducted from Palpannai junction to Collector office.



To encourage innovative thinking and problem solving skills towards making of Viksit Bharat@2047 as well as implied entrepreneurial skills, NCC has introduced Idea / Innovation competition. This competition is between state directorates as a part of RDC competition. Three teams from our college participated in this competition at battalion level on 29-10-2024. A team of three cadets led by Cpl Arnold was selected to IUC on 13-11-2024 at NTA, Madurai. After successful presentation this project was shortlisted for the IGC presentation at Madras Medical College, Chennai on 20-11-2024. Cpl Arnold presented the project titled 'AI based solution for Disabled people' to a team of Officers headed by Commodore S Raghav, DDG, TN, P & AN Directorate. He was appreciated by the DDG.



NCC has introduced an **Idea / Innovation competition** between state directorates as a part of RDC competition. The focus of innovation should be on aspects / facets which have impact on such enhancements environmental / sustainable developments, economic, social developments and creativity. This is to encourage innovative thinking and problem solving skills towards making of Viksit Bharat@2047 as well as implied entrepreneurial skills. Three teams from our college participated in this competition at battalion level on 29-10-2024. The team of three cadets led by Cpl Arnold was selected to IUC on 13-11-2024 at NTA, Madurai. After successful presentation this project was shortlisted for the IGC presentation at Madras Medical College, Chennai on 20-11-2024.





## RESEARCH ACTIVITIES



**Dr. M. Marsaline Beno, Dean, Research and Dr. Ajith J Kings** visited Indian Rare Earths Limited (IREL) on 7th November 2024. The visit aimed to explore potential collaborations and research opportunities in the field of rare earth materials and sustainable technologies. This visit opened avenues for future partnerships between IREL and St. Xavier's College, fostering innovation in materials science and technology.

**Dr. M. Marsaline Beno, Dean of Research at St. Xavier's Catholic College of Engineering, Nagercoil, along with Dr. Anto, Dr. Seldev, Dr. Vijayakumar, and Dr. Antony,** visited the Agricultural University in Killikulam on 12th November 2024, for a study on Palmyra research and app development. The team explored the ongoing research initiatives related to Palmyra, with a focus on its agricultural applications and potential for enhancing sustainability. The visit marked the beginning of a collaborative effort between St. Xavier's College and the Agricultural University to integrate technology with agricultural research, contributing to the development of innovative solutions for the farming community.



The inauguration of **IGEN Green Sustainability Academic Partner Program** was held on 22nd November 2024, at 10.30 am in the EEE Department Seminar Hall. Our Correspondent Rev. Fr. S. Godwin Selva Justus, gave the presidential address. Dr. G. Pandiyan, Rtd General Manager, Indian Oil Corporation and Principal Head of IGEN delivered the inaugural address. Dr. Madhan Kumar, Chairman IGEN Green9, gave a thoughtful talk about the activities of EnSAV Club and its contributions. Then the IGEN officials presented the IGEN Volunteer Recognition Program Appointment Order letters to the heads of IGEN GSAP Clusters. Followed by that, the IGEN SDG warriors names were presented by Dr. Kayalvizhi, HoD of EEE department and the Badges were presented to the 17 warriors by the IGEN officials. Then Dr. M. Marsaline Beno, Dean – Research, SXCCE, proposed the Vote of Thanks and the program was concluded by the College Anthem by SXCCE Choir at around 12.15pm.

### PATENT

- **Dr. Y. R. Annie Bessant**, Smart Electrolyte Level Monitoring System for Uninterrupted Power Supply (UPS) Batteries, Application number: 202441087836, Date of filing : 13/11/2024.
- **Mrs. P. Agnes Alex Rathy, Dr. G. Geo Jenefer, Dr. G. Amuthavalli**, "AI- Enhanced Multimeter for Microwave Circuit Diagnostics", Office of the Controller General of Patents, Designs & Trade Marks", 202441081222, Date of filing of Application : 24/10/2024 (43) Publication Date : 01/11/2024

- **Dr.Y.R.Annie Bessant**, Design of a Multiband Antenna Using Auxiliary Classifier Wasserstein Generative Adversarial Network for IoT Applications, International Journal of Communication Systems, Wiley, Nov 2024, <https://doi.org/10.1002/dac.6041>.
- **Dr. J. Jerlin Regin**, Performance of lightweight coconut shell concrete-filled circular steel tube columns under axial compression, Materials Research Express, 11 (2024)085514.
- **Dr. J. Jerlin** Graphene Oxide: Unveiling Its Chemistry and Its Emerging Applications (A Review), Russian Journal of General Chemistry, Russian Journal of General Chemistry, 2024, Vol. 94, No. 9, pp. 2413–2431.
- **Dr. J. Jerlin Regin**, Ilanthalir A, Shyni R L , Optimizing lightweight concrete with coconut shell aggregates for high strength and sustainability, Global NEST Journal, 2024, Vol 26, No 8, 06214
- **Dr. A. Bamila Virgin Louis**, R. Benschwartz, Srinidhi Sundaram, Farzhana. I, S. K. Rajesh Kanna, K. Sivakumar, “Integrated Task Scheduling and Resource Allocation for VR Video Services in Advanced 6G Network using Quantum Scalable Stereo-Convolutional Neural Network with Progression Optimizer”, Nanotechnology Perceptions, Vol 20, No.6, 2835-2849, Nov-2024. <https://doi.org/10.62441/nano-ntp.vi.3320>.

**Dr. J. Jerlin Regin** actes as a reviewer for the journals

- IOP Materials Research Express
- KSCE Journal of Civil Engineering

*As Journal Reviewer*



- **Dr. M. Marsaline Beno**, Dean, Research was honoured to serve as the Keynote Speaker at the International Conference on Contemporary Research Trends in Multidisciplinary Science and Technology (ICCRTMST 2k24), held on 14th November 2024 at YMCA, Nagercoil, India.
- **Dr. Antony foster Raj**, acted as judge for idea shortlisting and uploading in MSME portal for IDEA HACKATON 4.0 hosted by MSME on 06/11/2024.
- **Mrs. J.S.SIMI MOLE**, Department of CSE acted as Judge for the paper presentation event in the national level technical symposium held at VINS Christian College of Engineering on 08/11/2024.

*As a Resource Person*

- 15 faculty from the department of H&Sc successfully completed NPTEL online courses of 8 weeks and 12 weeks duration on Soft Skills , Developing Soft Skills and Personality. Of these, 13 of them qualified with elite.
- **Dr. J. Jerlin Regin** recognized as the topper for the NPTEL course “soft skill”.
- **Dr G.Geo Jenefer,AP/IT**, has been awarded a PhD degree under anna university for the title "Chronic disease prediction using hybrid FOCB and Novel ODDTC-ADSCAN algorithm in Big Data Analytics" on November 15,2024.

## EDITORS

Mrs. J. Jencewin, AP/CSE | Dr. Y.R. Annie Bessant, AP/ECE | Mrs.P.Ajitha, AP/CSE | Dr. J. P. Vidhya,AP/HSc | Dr. Y. Balto, AP/MECH | Mr. L. Lucase, AP/HSc| Mrs.T.M.Angelin Monisha Sharean, AP/IT | Mrs.S. Shiny, AP/EEE | Mrs. M. Jasmin Annie Genefer, AP/MCA | Ms. C. M. Flora Dani, AP/CIVIL | Mrs. S. Joyse Rebecca, AP/MBA | Mrs.A.Annie Portia, AP/AI&DS