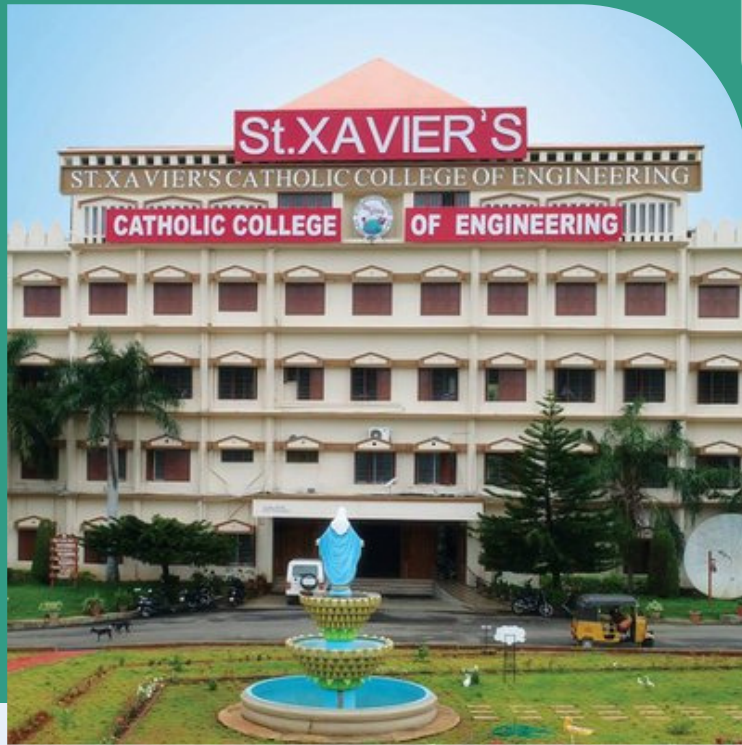# ST. XAVIER'S CAMPUS CONNECT

St. XAVIER'S CATHOLIC COLLEGE OF ENGINEERING (Autonomous)
Chunkankadai, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

An Autonomous Institution 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

VISION & MISSION

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. Dr. M. Maria William

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- Academic Activities
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Upcoming Events

- SXCCE Staff Tour - 10.07.2023
- Holy Mass & All Faculty Meeting- 17.07.2023
- Academic Council Meeting - 15.07.2023
- Seminar on Innovative Teaching Practices -19.07.2023
- Commencement of Higher Semester UG Classes - 19.07.2023

Dear Xavierens,

Nice greeting you all through this Campus Connect.

More than celebrations, this period seems to be packed with lot of activities in the campus. There are many new avenues being open, many new plans being hatched and many possibilities bloom in front of our eyes about our esteemed institution.

The perspective plan being drafted for the coming 10 years with the help of eminent experts from all over India, and the bench marks that have been set for the coming year are indeed great motivations for us to perform.

We are at the beginning of the next academic year. Admissions are still going on. This institution welcomes all the new students to this institution to enjoy their studies to become mature persons and adept engineers. We also welcome their parents to be part of the Xavieren Family for greater collaboration in forming the students. I congratulate also all the students who merited for the scholarships and admonish them to be faithful in their studies and achieve.

The great many awards and prizes our students have got in different competitions tell of the talents and positive commitment of our students and the enabling teachers.

May this academic year also a great years of achievements and eminence to all.

PRINCIPAL'S MESSAGE

by Dr. J. Maheswaran

Greetings!

It is my pleasure to congratulate the Editorial Board members for bringing out this issue of our News letter in a nice way. I am sure that publishing a newsletter of this kind consisting of the laurels and achievements of students and staff will be a recognition and encouragement. Hope the number of achievers will grow in the period to come.

All the very best.

COLLEGE EVENTS

Palm Sunday - Ponmalai Hiltop

The Holy Week Special Liturgies were conducted on 02.04.2023 at Ponmalai Hilltop by St. Xavier's Catholic College of Engineering. The Program started with the Blessing of palm leaves ceremony at about 4.00 pm. This was followed by theWay of cross from the base of the hill to hilltop. These events were steered up by the Correspondents of the three Ponmalai Educational Institutions (Rev.Fr.Dr.M.Maria William, Rev. Fr. Jeya Prakash and Rev. Fr. Primas Singh). After that Holy mass of Palm Sunday was led by Rev Fr Jesu Rethnam, Contact Person of Kuzhithurai Diocese.

St. Xavier's Merit Scholarship Exam (SXMSE) – 2023

The St. Xavier's Merit Scholarship Exam for the academic year 2023-24 was conducted on 15-4-2023 (Saturday). Registration process started at 8.00 a.m and the Exam was conducted in two shifts. Shift 1- 9.15 a.m to 10.45 a.m and Shift 2- 11.00 a.m to 12.30 a.m. The examination was conducted in different venues such as Computer Lab 1, Lab2, Lab3, Computer centre, General computing lab, IT lab, CAD lab and Language lab. About 586 candidates attended the examination and 84 students qualified for the Scholarship.

Tech Fest - 2K23

The Tech Fest, a technical carnival of many events and a platform to sharpen and nurture Students technical skills, was conducted on 20.04.2023. The event registration received 2859 entries totally for all the events. There are 6 nos of Individual events and 5 nos of Group events.Individual events are, Paper Presentation, Poster Presentation, Innovate – Idea Presentation, Best Manager, Quiz, Web Designer. Group events are, Circuit mystery, Line Follower Robot Competition, Hardware Code Hack, Project Contest, Sustainability Hackathon Challenge.

The Principal Dr. J. Maheswaran delivered the welcome address. The Chief Guest was Er. E.T.B. Samuel Jigme Harrison. The Correspondent Rev. Fr. Dr. M. Maria William delivered the presidential address

Expert Team Visit

A **Technical Research Writing Workshop** for all the faculty members of our Institution was held on 21 & 22 April 2023 by Dr. Anuj Sinha (Former DST Scientist). Dr. Anuj Sinha is a highly decorated science communicator who led Vigyan Prasar, NOIDA in Uttar Pradesh (a national laboratory for science communication) for two years (2010-11) and was Head and Advisor, Science Communication Division, Department of Science and Technology, Government of India, New Delhi for ten years (2000-09).He explained the problems faced by the researchers and Inadequate Training In Research Methodology. He has presented few tips on proposal writing and funding agencies of India for applying project proposals.

Alur,TN,India
St Xavier College Road, Chunkan Kadai, Alur,
629807, TN, India

The Strategy Meet was organized by the Management on 05-05-2023 & 06-05-2023. Dr. M P Sukumaran Nair (Director, Centre for Green Technology & Management (CGTM), Cochin), Dr. Dinesh kumar Abrol, (Former Professor, Institute for Studies in Industrial Development), Mr. S. Janakarajan (President, South Asia Consortium for Interdisciplinary Water Resources Studies (SaciWATERs), Hyderabad), Dr. T. V. Venkateswaran (Scientist, Vigyan Prasar, South Delhi, Division Head: Audio Visual Communication, Dr. M. C. Arunan, (CUBE-CURE Kishore Bharati Fellow, Kishore Bharati, Mumbai, Visiting Scientist and Consultant, TIRF, Mumbai) were the resource persons.

On 05-05-2023, the Scientists and Experts visited the laboratories and various facilities in our college. The experts have explicated on challenges in the higher education institutions, Kanyakumari district's statistics and development areas, Multidisciplinary/Trans disciplinary learning, research collaboration and social engagement to achieve sustainable goals especially climate change. In the second day, they had an interaction with the faculty members and gave the road map to develop the perspective plan. The meeting came to an end with rendering feedbacks from everyone.

International FIDE rated Rapid and Blitz Chess Tournament

An International FIDE rated Rapid and Blitz Chess Tournament was conducted on 13th and 14th of May, 2023 at the Conference hall.A total of 350 players from various states participated in this tournament .The program started with Tamil Thaai Vazhtu and the welcome address was delivered by Mr. Florin Raja Singh R, Faculty advisor/Chess Club. The Presidential address was given by Rev. Fr. Dr. M. Maria William, Correspondent. The Chief Guest on the day was Mr. D. V. Sundar former Vice-President FIDE. The felicitation was given by Dr J Maheswaran, Principal and Rev. Fr . M. Francis Xavier, Bursar. Prizes were distributed on the final day by Rev. Dr. M. Maria William, Correspondent and the program ended with national anthem.

Kaloori Kalata

The Radio club members took part in the live Kumari FM kaloori kalata program organized by the All India Radio, Konam in our college campus on 8th June 2023. Our Correspondent and the Vice Principal shared few words about our college. Our students actively participated in the events organized by Ms. Selvarani, radio Jockey, AIR Konam. The events were broadcasted as live program through AIR from 11.00 am to 12.00 pm.

INTER COLLEGE COLLABORATION IN KANYAKUMARI DISTRICT

A two day seminar on **"The contribution of Higher Educational Institutions on the Development of Kanyakumari District"** was held at St.Xavier's Catholic College of Engineering on 27th and 28th June 2023. The seminar was inaugurated by the worshipful Mayor R.Mahesh, Nagercoil Corporation. Our Principal Dr.J.Maheswaran welcomed the gathering. Our Correspondent Rev Dr.Maria William spoke on the importance of the Higher Educational Institutions for the development of the District and he also requested the Mayor to create a forum inclusive of all Educational Institutions and well-wishers in Kanyakumari District for its development programme. Mr.Thomas Franco, President of 'Meendezhu Kumari Iyakkam' in detailed the significance of the seminar. The inaugural function was ended by with vote of thanks by Dr.V.Christus Jeya Singh,Vice Prnicipal, St.Xavier's Catholic College of Engineering.

In the first day of seminar, Dr.A.Lenin Fred, Principal, Mar Ephraem College of Engineering and Technology headed the forenoon session. Fr.A. Dungston, Director for Coastal Peace and Development, Ms.Tharagai Kathpet, AICC Member and Mr.A.Mariadasan, Rebulid Kanyakumari Movement explained the audience the need for the steps to be taken for the growth of the coast. The second session in the first day was presided by Dr.J.R.V.Edward, Former Principal, Scott Christian College, Nagercoil. Mr.Jeeva S.Chellathurai of Comerin Consultancy Services, Mrs.Vasantha Latha from MALAR Association and Mr.Thomas Franco, President, Rebulid Kanyakumari Movement elaborated the ambient development needed for the tourism in Kanyakumari District.

The second day forenoon session was headed by Dr.J.Maheswaran, Principal, St.Xavier's Catholic College of Engineering who spoke on the importance of the required contribution from the Higher Educational Institutions on the development Nagercoil Corporation. The Industrial Development in the district was the topic for the session.

Mr.Jeeva S.Chellathurai, Ms.J.Johnsily Bai, MALAR Association, Mr.Shiju, Ethamozhy Coir Cluster and Mr.Retnam, Former GM, DIC, Nagecoil explained the various infrastructures available in the district to enhance the industries in the district. In the afternoon, the session was chaired by Dr.A.Judie, Professor, Sultan Qaboos University, Muscat. She stressed the timely steps required health care in the district. Other speakers Dr.V.C.V.Retnam, Retd Professor, Dr.A.Rajendran, Sidha and Varma Specialist and Dr.Anjelin Asha, BYNS discussed the various forms of health care existing from earlier years in our district and the importance of rehabilitation of those units as the natural remedy.

- SHALI S S , PRIYA, JOFINI, BIJU – III ECE - **awarded $1,240.00 for the Solar Animal Repellent - India - $5277.5 project from EPICS in IEEE**.
- B.BIJU & ANANTHU P. NAIR– III ECE A won **First Prize in Circuit – It – Out competition** in the National Level Technical Symposium "Electrofesta 2023" conducted by Dept. of ECE, Amrita College of Engineering and Technology on April 01, 2023.
- B.BIJU, ANANTHU P. NAIR & GODWIN N– III ECE A won **Second Prize in Project Expo** in the National Level Technical Symposium "Electrofesta 2023" conducted by Dept. of ECE, Amrita College of Engineering and Technology on April 01, 2023.
- GERALD BRIYOLAN B & COLLINS DAVID – III ECE A – **Second Prize in Circuit – It – Out competition** in the National Level Technical Symposium "Electrofesta 2023" conducted by Dept. of ECE, Amrita College of Engineering and Technology on April 01, 2023.
- COLLINS VINSHA A - III ECE A – **First Prize in Technical Quiz** in the National Level Technical Symposium "Electrofesta 2023" conducted by Dept. of ECE, Amrita College of Engineering and Technology on April 01, 2023.
- M. SIVANANDHAM – II ECE B won **First Prize in Circuit Debugging** in the National Level Technical Symposium conducted by Dept. of ECE, Stella Mary's College of Engineering on April 3, 2023.
- MOHAMED ROSHAN – II ECE B won **Second Prize - Circuit Debugging** in the National Level Technical Symposium conducted by Dept. of ECE, Stella Mary's College of Engineering on April 3, 2023.
- R. PRABIN & R.S. RIVLIN JOSHUA – II ECE B won **Second Prize – Technical Quiz** in the National Level Technical Symposium conducted by Dept. of ECE, Stella Mary's College of Engineering on April 3, 2023.
- GODWIN N – III ECE A won **Second Prize – Snapshot event** in the National Level Technical Symposium conducted by Dept. of ECE, Stella Mary's College of Engineering on April 3, 2023.
- V.M. SACHIDHANANDHA PRABHU & MOHAMED ROSHAN – II ECE B won **First Prize – Connexion event** in the National Level Technical Symposium conducted by Dept. of ECE, Stella Mary's College of Engineering on April 3, 2023.
- GODWIN N - III ECE A won **First Prize in Ideathon Competition & First Prize in Band Raise Competition** and received cash award of Rs. 5000/-in the National Level Management Fest, conducted by MBA Dept in Mar Ephraem College of Engineering and Technology on April 27, 2023.
- B. DHANUSH BEN - III ECE A won **First Prize in the Band Raise Competition and Received cash award of Rs. 3000/**- in the National Level Management Fest conducted by MBA Dept in Mar Ephraem College of Engineering and Technology, April 27, 2023.
- ABISH R.P. & COLLINS DAVID C.S.– III ECE A won **First Prize in Circuit Debugging** in the National Level Technical Event conducted by Dept of ECE in Mar Ephraem College of Engineering and Technology on May 2, 2023.
- ABISH R.P. & COLLINS DAVID C.S. – III ECE A won **Second Prize in Technical Quiz** in the National Level Technical Event conducted by Dept of ECE in Mar Ephraem College of Engineering and Technology on May 2, 2023.
- COLLINS DAVID C.S. – III ECE A won **Second Prize in Brushless Painting** in the National Level Technical Event conducted by Dept of ECE in Mar Ephraem College of Engineering and Technology on May 2, 2023.
- Mr. J. Rojar Donald, III Year EEE received **"NIEP Volunteer Appreciation Award 2023"** from The Noble Institution for Environmental Peace, Canada in aid of the United Nations International Volunteer Day on April 09, 2023 for his remarkable contribution to the Institution of Green Engineers in creating a green environment and striving to achieve the UN Sustainable Development Goals 2030.
- Dona Jobin A K, Jeedith Melfhiya R B –IV EEE- **First prize in Paper presentation** , National level technical symposium held at Mar Ephraem college of engineering & technology on 02-05-23
- Jeedith Melfhiya R B –IV EEE- **First prize in Quiz competiton** , National level technical symposium held at Mar Ephraem college of engineering & technology on 02-05-23
- Padua Aasher Antony, Arockia Jervin Raj A, Darryl Wreant L ,Anu Alan A and Mabish M B –IV EEE **presented their project** in the National level Technical Exhibition held at Dr.Ambedkar Institute of Technology, Bengaluru on 13-04-23
- Roshan Roby & Shanjai J Sharon -IV CSE B- **First prize in Paper presentation & Poster Presentation**, National level technical symposium organized by Bethlahem Institute of Engineering on 13.04.2023
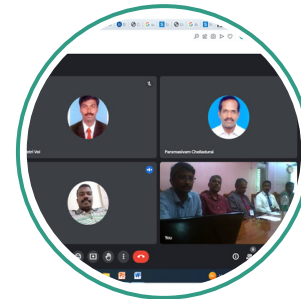
- Roshan Roby -IV CSE B- **First prize in Photography**, National level technical symposium organized by Bethlahem Institute of Engineering on 13.04.2023.
- Shanjai J Sharon -IV CSE B- **First prize in Quiz competition**, National level technical symposium organized by Bethlahem Institute of Engineering on 13.04.2023.
- Roshan Roby -IV CSE B- **Second prize in Quiz competition**, National level technical symposium organized by Bethlahem Institute of Engineering on 13.04.2023.
- J.Newma Margret,Nithish-III CSE B- **Second prize in Code hunt**, National level technical symposium organized by Bethlahem Institute of Engineering on 13.04.2023.
- Roshan Roby & Shanjai J Sharon -IV CSE B- **First prize in Paper presentation**, National level technical symposium organized by Stella Mary's college of Engineering on 19.04.2023.
- S.Francis Gallo, Goushik (III CSE A) & V.Lekshmi (III CSE B)- **Second prize in Paper presentation**, National level technical symposium organized by Stella Mary's college of Engineering on 19.04.2023.
- Roshan Roby & Shanjai J Sharon -IV CSE B- **First prize in Poster presentation**, National level technical symposium organized by Stella Mary's college of Engineering on 19.04.2023.
- Roshan Roby -IV CSE B- **First prize in Photography**, National level technical symposium organized by Stella Mary's college of Engineering on 19.04.2023.
- Roshan Roby & Shanjai J Sharon -IV CSE B-**Second prize in Quiz competition**, National level technical symposium organized by Stella Mary's college of Engineering on 19.04.2023.
- G.S Antony-II CSE A - **First prize in Round Stick**, National level technical symposium organized by Stella Mary's college of Engineering on 19.04.2023.
- Shanjai J Sharon -IV CSE B- **Second prize in Coding**, National level technical symposium organized by Stella Mary's college of Engineering on 19.04.2023.
- II MCA Students Subi,Asha and Nagalingam won the **first prize in Face Painting** competition held by Department of Social Welfare and Women Empowerment for the event Nasha Mukt Bharat Abhiyaan. Program conducted at collector office on 27-05-2023
- Antony Lijo L,ANTO JERIN SINGH C & ASHIK M.RAJ,IV Mech-A, as the **FIRST RUNNER UP of FUSION 360 LEVEL – 1** Challenge under DEGREE category in TIRUNELVELI zone and participated in Fusion – Mega Challenge organized by centre for excellence in automobile technology-Anna university at Madras Institute of Technology, Chennai on 24th and 25th March-2023
- Antony Lijo L & ANTO JERIN SINGH C, IV Mech-A, as the **SECOND RUNNER UP of FUSION 360 LEVEL – 1** Challenge under DEGREE category in TIRUNELVELI zone and participated in Fusion – Mega Challenge organized by centre for excellence in automobile technology-Anna university at Madras Institute of Technology, Chennai on 24th and 25th March-2023
- JASHNI CHRISTINA CASTRO S V Final year Civil won **first prize in paper presentation** in the national level technical symposium conducted by Ponjesly College of Engineering on 29-04-2023
- ABINA V and HELEENA V J Third year Civil won **third prize in paper brick and wall event** in the national level technical symposium conducted by Ponjesly College of Engineering on 29- 04-2023
- JASHNI CHRISTINA CASTRO S V Final year Civil won **third prize in breaking the codes event** in the national level technical symposium conducted by Ponjesly College of Engineering on 29-04-2023
- HELEENA V J Third year Civil won **third prize in paper spell bee event** in the national level technical symposium conducted by Ponjesly College of Engineering on 29-04-2023
- DANIESH FRADY J A and ROJIN RAJ S Third year Civil won **first prize in Bob the builder event** in the national level technical symposium conducted by Mar Ephream College of Engineering on 02-05-2023
- HELEENA V J Third year Civil won **second prize in poster presentation and second prize in code cracking event** in the national level technical symposium conducted by Mar Ephream College of Engineering on 02-05-2023
- JASHNI CHRISTINA CASTRO S V Final year Civil won **second prize in paper presentation** in the national level technical symposium conducted by Government College of Engineering, Tirunelveli on 10-05-2023
- JASHNI CHRISTINA CASTRO S V Final year Civil won **second prize in code breaking event** in the national level technical symposium conducted by Government College of Engineering, Tirunelveli on 10-05-2023
- RESHUAL RATHEESH Third year Civil won **first prize in treasure hunt event** in the national level technical symposium conducted by Government College of Engineering, Tirunelveli on 10-05- 2023
- DANIESH FRADY J A Third year Civil and DELPHINFRANCO Final Year Civil won **second prize in series quiz event** in the national level technical symposium conducted by Government College of Engineering, Tirunelveli on 10-05-202

Academic Activities

BOS MEETING

The Second BoS meeting of all the department was held as per the following schedule

- 19.05.2023 for Computer Science and Engineering
- 19.05.2023 for Information Technology
- 19.05.2023 for Artificial Intelligence and Data Science
- 19.05.2023 for Master of Computer Applications
- 22.05.2023 for Civil Engineering
- 24.05.2023 for Mechanical Engineering
- 27.05.2023 for Electronics and communication Engineering
- 30.05.2023 for Master of Business Administration
- 27.05.2023 for Electrical and Electronics Engineering
- 06.06.2023 for Humanities and Studies

The Principal gave the introductory talk. The Head of the departments presented the Recommendations and Action taken reports of the first BOS meeting, first Academic Council meeting and the first Governing Body meeting, followed by the UG and PG Curriculum and Syllabi. The BOS members gave their suggestions regarding the curriculum and syllabi.

International Conference on Energy Efficient Technologies for Sustainability (ICEETS 2023)

The Department of Electrical & Electronics Engineering and Department of Mechanical Engineering in association with SXCCE G9 EnSav Club organized an International Conference on Energy Efficient Technologies for Sustainability (ICEETS 2023) in hybrid mode on 27th and 28th April,2023. The conference is technically sponsored by the BOHR publications and financially assisted by AICTE under the Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES). The conference was Started with inaugural function on 27 th April 2023 at 10.00 AM in the morning. This was followed by key note speech by Er. Er. R. Alaguvel Armstrong Head Engine Group, TAFE in the forenoon session and online keynote address by Er. Elie Rouadi Project Manager, Metrix Quatar WLL, Doha, Qatar in the afternoon session.

On the second day of conference, 28 th April 2023, Prof. F. Antony Jeffrey Vaz Electrical & Electronics Engineering Department, National Engineering College, Kovilpatti delivered a key note address followed by online key note address by Dr. Arun B Aloshious Electronics and Electrical Engineering Department, IIT Guwahati.The conference Co-Chair convenors were Dr. V. Chritus Jeya Singh, Vice Principal and Dr. G. Antony Miraculas, Associate Professor and Head from department of mechanical engineering. Besides, Dr. Ajith J Kings, Associate professor takeup the position as joint secretary in this conference

International Conference on Advances in Sustainability of Materials and Environment (ICASME'23)
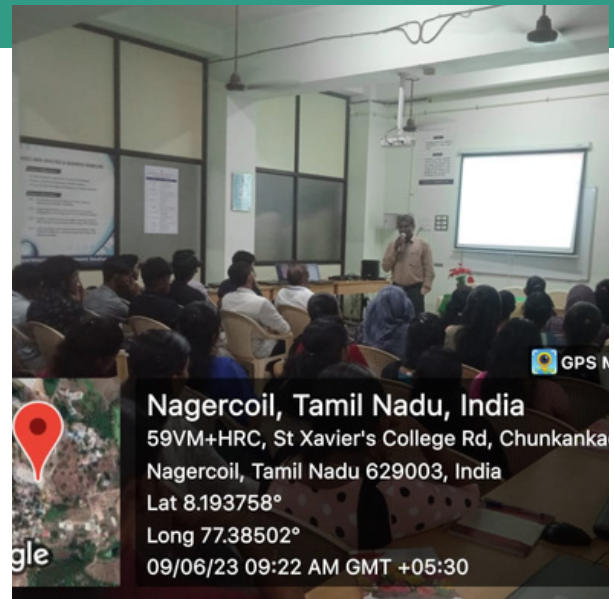
The 4th International Conference on Advances in Sustainability of Materials and Environment (ICASME'23) was organised by the Departments of Civil Engineering & Humanities and Sciences on 25/05/2023 and 26/05/2023 in hybrid mode. The resource persons were Dr. S.T. Ramesh, Professor, NIT, Trichy, Dr. Md. Abdul Mannan, Professor, Universiti Malaysia Sarawak, Malaysia, Dr. P. Arumugam, Founder and CEO, Mark IP Services, Indian Patent Agent, Chennai and Dr. T.P.D. Rajan, Senior Scientist, CSIR, Trivandrum. Various participants in and out of the college participated and presented their papers. Competitions were also held for the students.

- On April 11, 2023, between 2:30 p.m. and 04:15 p.m., the Computer Society of India conducted a seminar on **" DevSecOps."** for CSE & IT students by the resource person Mr.C.John Justus, Senior Manager IT, Standard Chartered, Hongkong. He guided the students in understanding different preprocessing steps under DevSecOps including thread modeling, change impact analysis, Access and configuration management, chaos engineering, pen testing, log collection, RASP, etc.

- A Seminar on **"Top Techniques for Better Entrepreneurship"** was held on 22/04/2023 at 9.00 AM in the Einstein Hall. The objective of the program is to give an insight in building entrepreneurship skills in students. The seminar began with a silent prayer, and the Principal Dr. J. Maheswaran delivered the welcome address. The Chief Guest Mr. K.E. Raghunathan, National chairman, Association of Indian Entrepreneurs addressed the techniques for successful entrepreneurship. 101 students attended the seminar along with the staff members.

- A seminar on **' Placement Opportunities"** for the final year students was conducted on 19/5/2023 by the Association of Computer Engineers. Totally 75 students participated in this program. Dr.J.K.Deepak Keynes was the chief guest.

- A seminar on **Career Guidance** was conducted on April 11th, 2023(Monday) from 1pm to 4.15pm at EEE Seminar Hall /SXCCE. The resource person was Mr.A.Rajesh/Techeditz2u. Ms.Ancilin Princy A of third ECE gave the welcome address and introduced the resource person. The resource person Mr.A.Rajesh gave a presentation Competitive exams which was conducted by the Central and State governments. He gave some shortcuts to solve the problems also he worked out few problems. Finally, Ms. Sakthi Priya E K of final ECE delivered the vote of thanks. In this event, 81 students of various departments were participated.

- A seminar on **Leadership and Personality Development** was conducted on April 25th, 2023(Tuesday) from 1pm to 2.30pm at EEE Seminar Hall /SXCCE. The resource person was Dr.V.Viji Mon Moni/Asst.Prof/Dept.of Mathematics/SXCCE. Ms.Anu Nandhini M A of final ECE gave the welcome address and introduced the resource person. The resource person Dr.V.Viji Mon Mani gave a presentation on Leadership and Personality Development. He explained with the help of videos, stories and real time incidents. Finally, Ms.Paulin Shefia C P of final ECE delivered the vote of thanks. In this event, 76 students of various departments were participated.

- A seminar on **Cloud Computing** was conducted on April 26 th , 2023(Wednessday) from 2.30pm to 4.15pm at LH 203. The resource person was Mr.J.Bright Jose /Asst.Prof/ Dept.of CSE. Ms.Sushmi J of final ECE gave the welcome address and introduced the resource person. The resource person Mr.J.Bright Jose explained the basic concepts and details about Cloud Computing through presentation. Finally, Ms. Vinisha V of final ECE delivered the vote of thanks. In this event, 26 students of final ECE were participated.

- A seminar on **"Advanced Automation with Recent Technologies"** was conducted on April 3rd, 2023(Monday) from 2.30pm to 4.15pm at Einstein Seminar Hall /SXCCE. The resource person was Ms.K.Baby Lisa /Asst.Prof/Dept.of ECE/SXCCE. Ms.Shabeen Soniya A of final ECE gave the welcome address and introduced the resource person. The resource person Ms.K.Baby Lisa the recent technologies like IoT, Block Chain, Robotics and Machine Learning. Finally, Ms. Sakthi Priya E K of final ECE delivered the vote of thanks. In this event, 30 students of various departments were participated.

- A seminar on **"How to crack Government exams?"** was organized by the REACH Association, Department of Civil Engineering for the IV year students on 27.04.2023. The speakers were Ms. Savithra M N, Assistant Engineer, Mr. Aravind S, Assistant Engineer (Highways), Mr. Ashwin R, Surveyor, and Mr. Venkadesh V B, JDO, the alumni of the department. 20 students participated in the seminar. The speakers gave information about the various job opportunities in government sectors and motivated the students by sharing their experience regarding the preparation for government exams.

- A seminar on **"Global Warming and Acid Rain"** and a Motivational Talk on **"Career for Civil Engineers in Government and Private Sectors"** were organized by the REACH Association, Department of Civil Engineering on 25/04/2023. The Resource Person was Dr. R. Bala Murugan, Associate Professor/Civil, Faculty of Engineering and Technology, Annamalai University. 90 students participated in the seminar. The speaker explained about the factors leading to global warming and acid rains, and the ways of reducing them. He briefed about the career opportunities for civil engineers in government and private sectors. The session went on interesting and interactive.

- A seminar on **"Over Voltages in Power Grid"** was held on 21st of April 2023 at St. Xavier's Catholic College of Engineering. It was organized by the Society of Electrical Engineers (SEE).The speaker was Dr.P.Valsalal,Professor Department of Electrical and Electronics Engineering. Her area of research was power system. She has 24 years of experience in teaching.The objective of the seminar is to introduce the causes, types and latest technologies for the reduction of overvoltage in the power grid.
- A seminar on **"AI and Machine Learning"** was held on 4th May 2023 at St. Xavier's Catholic College of Engineering,organized by Society of Electrical Engineers (SEE).The speaker was Er.G.Gino,Marketing Executive,EMAX Education,Nagercoil.The objective of the seminar is to introduce how Robotics and AI are at the forefront of technology, offering an exciting and innovative work environment of Electrical and Electronics Engineering.
- A technical Seminar on **''Future Technologies in Electric Vehicle"** was held on 10th May 2023 at St. Xavier's Catholic College of Engineering,organized by Society of Electrical Engineers (SEE). The speaker was Er.R L Geoffer Jaish,Senior Specialist Siemens,Bangalore. The objective of the seminar is to introduce the Importance of E V and their future technologies.
- A seminar on **"Real time applications of Embedded System"** was held on 16th May 2023 at St. Xavier's Catholic College of Engineering, organized by Society of Electrical Engineers (SEE).The objective of the seminar is to introduce real time applications of embedded systems have become a significant part of our lives
- seminar on **"Awareness of Higher Studies in Abroad"** was held on 17th May 2023 at St. Xavier's Catholic College of Engineering,organized by Society of Electrical Engineers (SEE). The objective of the seminar is to introduce leading education consultants in India for higher studies of students in top ranked universities in USA,UK,Canada,Australia,Europe and many more.
- On April 04, 2023, IEEE Education Society hosted an online webinar titled **"Challenges and Opportunities for Entrepreneurship"** as part of their ongoing efforts to promote innovation and entrepreneurship in the field of education. The webinar was conducted by the resource person Dr.D.Beula David, Professor,Department of Data Analytics , Innovation Ambassador, Saveetha School of Engineering, Chennai. The webinar highlighted the need for entrepreneurs to be resilient, adaptable, and innovative in the face of challenges while seizing opportunities in the dynamic business landscape. The webinar was a success in providing practical knowledge and inspiration to aspiring and current entrepreneurs alike, and furthered IEEE EduSoc's mission of promoting innovation and entrepreneurship in education.
- The Association of Computer Engineers (ACE) organized a seminar on **" HACKING"** for the second year , Third year and Final year CSE Students on 11/04/2023 at Einstein Seminar Hall from 1:00 PM to 4:15 PM. Tottaly , 194 students participated . It was handled by Er.Febin Rameh Kanakam , Software Engineer . MNC -Chennai
- The Association of Computer Engineers (ACE) organized a seminar on **"CYBER LAWS AND POCSO ACT"** for second year , Third year and Final year CSE Students on 11/04/2023 at Einstein Seminar Hall from 1:00 PM to 4:15 PM. Totally , 194 students participated . It was handled by RTN.Adv.A.ANTUSH JEROME, ROTARY DISTRICT COORDINATOR LEGAL AID ,RC WITHB HONEY CITY.
- On 11-04-2023, Robotic club organized a Technical Talk includes the **Advanced Automation with Recent Technologies** like IOT,BCI,AI RPA . Internet of Things and Brain computer Interface and the need of clouds were explained with real examples. The importance of automation in real life is also explained for the students to motivate them for robo design.
- **SPSS Program** was conducted on 12th and 13th of May 2023. The Program was handled by Mr.S.Victor ,Asst.Professor and Head Department of Management studies, Regional Campus, Anna University, Tirunelveli Region. He conducted a training of statistical Analysis and interpretation with the help of SPSS Package.
- On 18/04/2023, Robotics Club organized a Technical Talk which includes the topics on **Advanced Automation with Recent Technologies** like IOT,BCI,AI RPA. Artificial Intelligence and Robotics process automation were explained with real examples. The different RPA tools were explained for the students to motivate them for robo design.

WORKSHOP

Two - Way Authentication using ASP.NET

The Department of Computer Applications organized a one-day workshop on "two-way authentication using ASP.NET" on June 9th 2023 in the MCA Lab. The main objective of the workshop is to make the students to understand the basic features of ASP.NET and how to implement applications using two-way authentication. The session starts at 9 a.m. with the presentation of the resource person, Dr. Y. Jacob Vetharaj. In morning session, the resource person explained the basic components of ASP.NET and web APIs, which are used to implement the authentication scheme for web applications. Hands-on training was conducted during the afternoon session.

Nagercoil, Tamil Nadu, India
59VM+HRC, St Xavier's College Rd, Chunkanka
Nagercoil, Tamil Nadu 629003, India
Lat 8.193758°
Long 77.38502°
09/06/23 09:22 AM GMT +05:30

Data Analytics

On 25 May, 2023 Education Society organized a workshop on "Data Analytics". The Resource Person was Er. Abhishek R, Founder & CEO, Chek In Tek, Academy and Research. The Data Analytics Workshop was a highly informative and engaging event that aimed to provide participants with an understanding of data analytics concepts and techniques.

Electric Vehicle Prototyping

Nagercoil, Tamil Nadu, India
St. Xavier's Catholic College of Engineering, 59V
Xavier's College Rd, Chunkankadai, Nagercoil, T
629003, India
Lat 8.195929°
Long 77.383626°
27/04/23 11:52 AM GMT +05:30

SAE INDIA collegiate club of SXCCE organized a workshop on "An electric vehicle prototyping" was held at the college on 27/04/2023. Close to 170 students from the Mechanical Department and EEE Department were attended the seminar. The resource person for the program was Mr. A. Amstrong, Director, R A A Associate Pvt Ltd. He has share his thought about students how to approach, how to design a perfect prototype for an automobile and select the design or material while making an electric vehicle. Lastly, he shared a diving video of an electric vehicle drives, which inspires and motivates students in this field. And QA session also went well. The session motivated the students in a positive manner.

SCAPE - 2k23

The department of Computer Applications have arranged a National level Technical Symposium "SCAPE2K23" on 12 April 2023.Dr.D.Sam Dayala Dev is a chief guest of the function motivated the students to upgrade their knowledge to develop innovative products.Six different events namely Paperenza(Paper Presentation),Poster Expro(Poster Presentation),Prelims (Kviz and Cimex Tersus),Bug Hunt(Debugging),Kviz(Quiz Competition) and Cimex Tersus(Communication Game) were conducted for the students of various colleges. Program is conducted at Conference Hall on 12-04-2023.

Model Expo VIBRANT 23

The Model Expo "VIBRANT'23" was organized by the Department of Civil Engineering in the Model Park of the college on 03/05/2023. The programme commenced by 10:00 am. Dr. J. Maheswaran, the Principal, presided over the event. The final year Civil Engineering students participated in groups. Each group presented their construction models. Dr. M. Marsaline Beno, Dean – Research and Dr. M. Antony Forster Raj, Assistant Professor, Department of Mechanical Engineering, acted as judges. The best models were awarded with prizes. The Expo was a great motivation for the II and III year students.

One day National seminar on "English Language Learning for Engineers"

The Department of English conducted a one day National seminar on "English Language Learning for Engineers" on 9th May. The main objective of the seminar is to make the students to know the importance of English language. The sessions were chaired by Dr.Pradeep.S.Raj, AP/Dept of English,Kristu Jayanti College, Bangalore and Dr.R.S.Tibi Thomas, Head/PG Dept of English, Nesamony Memorial Christian College, Marthandam. The Correspondent and Principal addressed the gathering and honored the chief guest.

REACH VALEDICTORY

The Department of Civil Engineering organized the Association Valedictory along with the Valedictory of ICASME'23 on 26/05/2023. The function started with prayer song by department choir and welcome address by the Head of the Department, Dr. I. Jessy Mol. Prizes and certificates for winners, participation prizes and appreciation awards were distributed to the students for the competitions held during the academic year 2022-23. The function ended with the vote of thanks by Dr. J. JerlinRegin, Associate Professor, Department of Civil Engineering.

"ROZGAR MELA"

The Association of Computer Engineers organized an Awareness program on "ROZGAR MELA" on 18/04/2023 at einstein seminar hall for 3rd and IV year CSE students. In this progarm,tottaly ,200 students are participated and benifited . it was handeled by Mr.Vijayan , Senior English Faculty -ECC Academy and T.Anandha Boopathy /MD-ECC Academy.

Industrial Visit

- The 4th year EEE students were taken to the **National Institute of Wind Energy, Kayathar.** 29 students (Out of 35 in III EEE) participated in the Industrial Visit accompanied by 3 faculties (Prof.Suji Garland.P, Prof.George Ansfer.A and Prof.Leon Bosco Raj.L).
- The II year and III year EEE students were taken to **Thenampatti Substation**, Kayathar. 27 students from III year EEE and 39 students from II year EEE participated in the Industrial Visit accompanied by 4 faculties (Dr.J.Merry Geisa,and Dr.Jain B.Marshel ,Mrs.W.Vinil Dani and Mr.M.Abragam Siyon Sing).
- The second year of BE, ECE Students and four faculty members of our college visited the **Vikram Sarabhai Space Centre**, Trivandrum, on April 5, 2023. A video about space was played for our students. The industrialist explained the initial stages of VSSC and their different launches. She also explained the various applications of satellites, ISRO's own lunar and interplanetary missions, and other scientific projects that encourage and promote science education. The Indian Space Research Organization (ISRO) is responsible for the design, development, assembly, and integration of communication, navigation, remote sensing, and scientific small satellite missions.

Workshop on Electric Vehicle Development

A workshop on Electric Vehicle Development was organized by SAEINDIA, a three-day program held from (20-04-2023 to 22-04-2023). The venue of the program was Hotel REGENTA PALACE, Bangalore. Mr. Vijay Gopala Krishnan was the resource person. They have taught the complete details about an electric vehicle, how to choose a battery based on the vehicle, a different safety measures to be followed in the vehicle during the design and selection of components. Government norms regarding electric vehicles. They have covered from basic to advances regarding electric vehicles, which enlightened students a lot and they gain more knowledge in that vast area. And they connect with more industrialized people, and more entrepreneurs, etc.
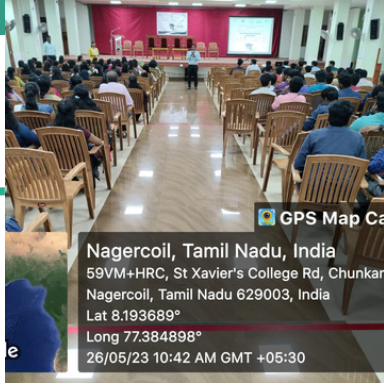

SEE Valedictory

The SEE Valedictory was held on 25th of May 2023 at St. Xavier's Catholic College of Engineering. The chief Guest was Mrs.J H Archana, Senior Auditor , Cooperative Audit Department,Thuckalay.She motivated the students to be as perfect Electrical Engineers. Also she added that there is a lot of job opportunities for Electrical Engineers .She motivated the students to prepare for the competitive exams

- The association of Mechanical Engineering (Mechanical Engineers' Guild of Xavier's) was organized an **orientation program about computer education courses** to third year mechanical engineering students on 02/05/2023. The resource person, Mr. Siva, E-Max Industrial training institutes, E-Max (Education Maximum) Computer Education, Vocational Education Organization
- The association of mechanical engineering (Mechanical Engineers' Guild of Xavier's) was organized an **orientation program about an awareness program on career options program** to third year mechanical engineering students on 25/04/2023. The resource person Mr. VASANTH RAJ, ECC ACADEMY, Nagercoil has delivered the lecture about career options in mechanical industries and motivate the students to upgrade their skills
- A **Drug Awareness Programme** was conducted on 15.5.2023 by Rev Dr.J.Francis Xavier Nelson for our II, III and IV year students from Anti Gender Harassment Committee.
- An orientation about **Computer Education Courses** was conducted for III-year Mechanical Engineering students on 02/05/2023 by Mr. Siva, E-Max Industrial training institutes.

Placement Activities

Naan Mudhalvan State-wise placement program Mega job fair

Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree.

- Drive Management Services) - On & Pool Campus Placement Drive was conducted for B.E. – CSE, IT, ECE, EEE, Civil, Mech All MCA, M.E. departments on 26.05.2023. Salary package is Rs.2.52 Lakhs Per Annum (CTC).
- IIFM - On & Pool Campus Placement Drive was conducted for B.E. – CSE, IT, ECE, EEE, Civil, Mech All MCA, M.E. departments on 26.05.2023. Salary package is Rs.1.8 Lakhs Per Annum (CTC).
- Hon Hai India Pvt Ltd- On & Pool Campus Placement Drive was conducted for B.E. – CSE, IT, ECE, EEE, Civil, Mech All MCA, M.E. departments on 26.05.2023. Salary package is Rs.1.8 to 2.4 Lakhs Per Annum (CTC).
- SL LUMAX limited- On & Pool Campus Placement Drive was conducted for B.E. – CSE, IT, ECE, EEE, Civil, Mech All MCA, M.E. departments on 26.05.2023. Salary package is Rs. 2.4 Lakhs Per Annum (CTC).
- Tino Engineering Pvt Limited - On & Pool Campus Placement Drive was conducted for B.E. – EEE on 26.05.2023. Salary package is Rs. 1.8 to 2.16 Lakhs Per Annum (CTC).
- BSA Corporation Ltd- On & Pool Campus Placement Drive was conducted for B.E. – EEE,ECE,MECH on 26.05.2023.
- JBM Auto- On & Pool Campus Placement Drive was conducted for B.E- EEE,ECE,MECH on 26.05.2023. 6 students got placement offers.
- RSM Autocast Ltd- On & Pool Campus Placement Drive was conducted for B.E. – EEE,ECE,MECH on 26.05.2023.
- Epic Coating Academy- On & Pool Campus Placement Drive was conducted for B.E. – CSE, IT, ECE, EEE,MCA, M.E. departments on 26.05.2023. Salary package is Rs.1.44 to 2.88 Lakhs Per Annum (CTC).
- MSC Technology- On & Pool Campus Placement Drive was conducted for B.E. – CSE, IT, ECE, EEE, Civil, Mech All MCA, M.E. departments on 26.05.2023. Salary package is Rs. 4 Lakhs Per Annum (CTC).
- Clovion Tech Solutions Pvt.Ltd - On & Pool Campus Placement Drive was conducted for B.E. – CSE, IT, ECE, EEE,MCA, M.E. departments on 26.05.2023. Salary package is Rs. 3 Lakhs Per Annum (CTC).

- TechNijia- On & Pool Campus Placement Drive was conducted for B.E. – CIVIL, MECH. departments on 26.05.2023.
- SCOPE T&M Pvt Ltd- On & Pool Campus Placement Drive was conducted for B.E. – ECE,EEE departments on 26.05.2023. Salary package is Rs.3 Lakhs Per Annum (CTC). 6 students got placement offers.

- TUV RHINERANO- On & Pool Campus Placement Drive was conducted for B.E. – ECE,EEE departments on 26.05.2023.
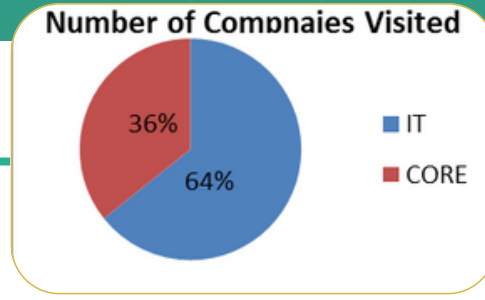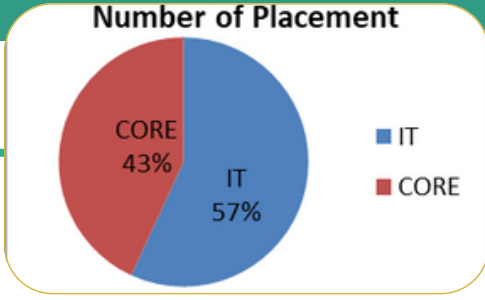
- **Data Patterns (India) Pvt Ltd**- On Campus Placement Drive was conducted for BE - ECE, EEE / ME/M.Tech - ECE,EEE on 03.04.2023. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.3.6 Lacs per Annum (CTC) – I Year Rs.4.8 Lacs per Annum (CTC) – II Year Rs.6.0 Lacs per Annum (CTC) – III Year. 1 student got placement offers.

- **PIT Solutions** -On Campus Placement Drive was conducted for B.E– All B.E/B.Tech –CSE, IT, ECE, EEE, Civil, Mech All MCA, M.E. departments on 13.04.2023. 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). 5 students got placement offers.

- **Sutherland Global Services Pvt. Ltd.**-Virtual On Campus Placement Drive was conducted for B.E– All B.E/B.Tech –CSE, IT, ECE, EEE, Civil, Mech All MCA, M.E. departments on 22.04.2023. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.1.68 to 2.5 lakhs per annum (CTC) .

- **State Street IT Limited** -On Campus Placement Drive was conducted for B.E– CSE, ECE, EEE, IT, MCA on 28.04.2023. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.1.8 to Rs.2.0Lakhs Per Annum (CTC).

- **RELEVANTZ Technology Services** -On Campus Placement Drive was conducted for B.E– CSE, ECE, EEE, IT, MCA on 04.05.2023 and 05.05.2023. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.2.0Lakhs Per Annum (CTC) .3 students got placement offers.

- **Everrenew Energy** - On & Pool Campus Placement Drive was conducted for B.E. – ECE & EEE on 20.05.2023. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.2.4 Lakhs Per Annum (CTC).

- **Sree Sai power and EQUIPMENTS Pvt.Ltd**- On & Pool Campus Placement Drive was conducted for B.E. – ECE & EEE on 09.06.2023. Eligibility criteria was 60% and above in 10th, 12th Std & 6.0 CGPA in Degree. Salary package is Rs.1.8 Lakhs Per Annum (CTC).

TRAININGS

- A Two day placement training on Soft skills training program for I year MBA was organized on 17th & 18th April 2023 by Don Bosco Vazhikatti, Trichy.
- A Two day training program on Java Special Training by Internal Trainers, SXCCE III year B.E./B.Tech students was organized on 12th and 13th May 2023.
- A Two day Soft skills training program by Mr. Roshan Roy, TalenTus HR Solutions Pvt. Ltd. was organized for III year III YEAR B.E/B.Tech – CSE, IT, ECE, EEE, Civil & MECH students on 15th and 16th May 2023.

Students Futuristic Services

Number of Placement

- IT 57%
- CORE 43%
- IT
- CORE

Number of Compnaies Visited

- 36%
- 64%
- IT
- CORE

No. of Placement Offers	
IT	235
CORE	178
TOTAL	413

No. of Companies Visited	
IT	27
CORE	15
TOTAL	42
Max. Salary(Core)	₹4.2 LPA
Avg. Salary(Core)	₹2.45LPA
Max. Salary(IT)	₹8.4LPA
Avg. Salary(IT)	₹3.1LPA

- **Achieved 413 Placement offers (253 students) from 42 companies**.
- **IT Companies** - 235 placement offers with highest salary of Rs. 8.4LPA (Rs.70,000 per month) and average salary of Rs. 3.1LPA (Rs. 25,800 per month)
- **Core Companies** - 178 placement offers with highest salary package of Rs.4.2LPA (Rs.35,000 per month) and Average Salary Package of Rs.2.45LPA (Rs.20,450 per month)
- No. of **on campus drive**s conducted : **27**
- No. of **on &pool campus drives** conducted :**7**
- No. of **on campus - virtual drives** conducted :**7**
- No. of **off campus drive** conducted : **1**
- **Cognizant, Tech Mahindra, Hexaware Technologies** (Multinational IT companies) have empanelled our college in their yearly recruitment board.

410+ Average Annual Placement offers for the last 5 Years

Department Wise placements

Department	Total Placement Offers	Total No. of Students Placed	% of Students Placed	No. of students with multiple offers	Max. Salary (Rs. per month)	Avg. Salary (Rs. per month)
Electrical & Electronics Engineering	60	28/35 Students	80%	19	Rs.35,000	Rs.20,600
Electronics & Communication Engineering	89	47/60 Students	78.33%	28	Rs. 58,350	Rs.22,600
Computer Science & Engineering	117	76/116 Students	65.51%	31	Rs.70,000	Rs.24,400
Civil Engineering	32	23/46 Students	50%	06	Rs. 30,000	Rs. 15,500
Information Technology	35	21/47 Students	44.68%	09	Rs.46,700	Rs.24,500
Mechanical Engineering	61	44/111 Students	40.11%	13	Rs.44,000	Rs.19,500

IIIC & EDC: Received 2/2 star rating for quarter I & II. Quarter III & IV to be submitted in Aug 2023.
ARIIA (NIRF – Innovation): Received Participation Certificate
Incubation: Flutter Frog incubation started functioning from April 2023. 22 interns from current 3rd and final year selected for internship from 05th july 2023 onwards. These interns work on research and development of the
Foreign Studies: 12 students have applied to countries like Canada, UK, Germany and Lithuvania.

Unique MEP Engineering Academy Pvt Ltd, Trichy - 12/11/2022 to 11/10/2024
Flutterfrog Software Solutions LLP, Nagercoil - 10/03/2023 to 09/03/2025
Ply Tree Interiors & Planners , Tuticorin - 24/11/2022 to 23/11/2024
243 students attended in-plant **training & internships** during winter and summer vacations

MoU & Internship

COE ACTIVITIES

Nov./Dec. 2022 Phase-III Examinations:

End Semester theory examinations for first semester B.E./B.Tech Artificial Intelligence and Data Science, Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, electronics and Communication Engineering, Information Technology and Mechanical Engineering and third semester M.E. Construction Engineering and Management, Computer Science and Engineering, Power Electronics and Drives, Communication Systems, Medical Electronics and Energy Engineering were conducted from 27-03-2023 to 05-04-2023.

End semester Phase-I project work viva-voce examinations of M.E. programmes were conducted on 12-04-2023.

Valuation was conducted from 11-04-2023 to 12-04-2023.

Third pre-valuation board meeting was conducted on 10-04-2023.

Third Result passing Board Meeting was conducted on 21-04-2023 to pass the end semester results of first semester B.E./B.Tech and third semester M.E. programmes.

- Results of third semester M.E. programmes were published on 24-04-2023.
- Results of first semester B.E./B.Tech. programmes were published on 09-05-2023.

Examination Audit:

Audit of Nov./Dec. 2022 examinations was conducted by Dr. R. Muthukkumar, Professor/IT and Deputy CoE, National Engineering College, Kovilpatti on 26-06-2023.

April/May 2023 Phase-I Examinations:

- End Semester practical examinations for fourth, sixth and eighth semester B.E./B.Tech Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology and Mechanical Engineering were conducted from 31-05-2023 to 05-06-2023.
- End Semester theory examinations for the fourth, sixth and eighth semester B.E./B.Tech Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, electronics and Communication Engineering, Information Technology and Mechanical Engineering and fourth semester M.B.A. were conducted from 13-06-2023 to 03-07-2023.
- End semester project work viva-voce examination of M.B.A. programme was conducted from 26-06-2023 to 28-06-2023.
- Fourth pre-valuation board meeting was conducted on 30-06-2023.
- Valuation is scheduled to be conducted from 04-07-2023 to 07-07-2023.
- Fourth Result passing Board Meeting is scheduled to be conducted on 21-07-2023 to pass the end semester results of fourth, sixth and eighth semester B.E./B.Tech and fourth semester M.B.A. programmes.

DEV MEET HACKATHAN

The Computer Society of India organised a hackathon for the duration of April 20–28, 2023.Students from CSE department participated the event from April 21 to April 27, 2023, online tasks have been scheduled for all the registered students, including, Build your own portfolio, Build a video application using AgoraJS, Create a Github repository to submit their projects,etc.Mr.Rajesh C., guided students in "Protecting yourself online: Understanding the Dark Web and Phishing Attacks."On April 28, 2023, a valedictory function was held at 10:00 a.m.All the winners were honoured with prizes.

Seminar on Women Empowerment

ACM-W SXCCE Student Chapter (190059) organised a seminar on the topic "Women Empowerment" on April 18, 2023. The resource person is Prof. Dr. Dame. M. Amalavathy, PhD (TM), PhD (Holistic), Diploma (Anaesthesia), and PhD (HuE and SY). The resource person shared the importance of women, who are the next creators of this world. She shared the importance of nature, body health, and how to avoid stress in this mechanical life. She's such a knowledgeable person, and she was an inspiration to budding engineering girls. Students doubts and queries were clarified, and they were free to ask their questions. It's an interactive session. Students felt they needed one more session from the same resource person.

ACM-W Organizes a "Women Empowerment program "(session -2) on 03.05.2023 for a duration of one hour 30 minutes .The session was handled by Prof .Dr.M.Amalavathay .The resource person shared about how valuable women are, and she highlighted the necessity of believing in yourself and exploring the world, keeping in mind that there are no boundaries for women. She also insisted that we understand ourselves and be independent.

Hands-on Training in Html/Css 3 for Web Page and Web App Development

SXCCE ACM-W Student Chapter and SXCCE ACM Student Chapter organised a hands-on training in HTML/CSS 3 in web page and web app development on April 25, 2023. The hands-on training was handled by Mr.Gladin shan (Pre-Final Year,IT) student .He taught how the foundational knowledge of HTML and CSS will help us take to our web development skills to the next level. The best performer of the day was awarded to Cannin F. Benifa, (PreFinal IT).

E-WASTE awareness program to community health workers of Vellichandai gram

An awareness program was organised by ACM-W student chapter SXCCE-190059, SXCCE ACM student chapter (124771) and co-organised by the ECO club on 27.04.2023. The awareness was given to the community health workers of Vellichandai gram Panchayat. The awareness program was conducted as four sections. The introduction part based on Electronic waste , the steps used to dispose E-waste and their drawbacks also their preventive measures and the proper disposal method .

Vanna Kanavugalum valarasu Chithiramum- Recording at AIR

The students of Radio club recorded a program at All India Radio Konam, on 28 May 2023 called Vanna Kanavugalum Vallarasu Chithiramum which will be bradcasted throught Tamilnadu soon. Totally 19 students participated and recorded on various themes like vazhkkai Kazhvi, Samuga Pani, Thozizhalar nalan etc. It is an awarness program to initiate life skills amoung students along with education.

Top Techniques for better Entrpreneurer

A Seminar on "Top Techniques for Better Entrepreneurship" was held on 22/04/2023 at 9.00 AM in the Einstein Hall. The objective of the program is to give an insight in building entrepreneurship skills in students. The seminar began with a silent prayer, and the Principal Dr. J. Maheswaran delivered the welcome address. The Chief Guest Mr. K.E. Raghunathan, National chairman, Association of Indian Entrepreneurs addressed the techniques for successful entrepreneurship. 101 students attended the seminar along with the staff members.

World Book day celebration

The World Book Day event was conducted on 26/04/2023. The Book Talk was given by the following student members 1. Mr. Ashish (IV-IT) – 1984 2. Ms.Amie Sherin (III-ECE) – The Monk Who Sold his Ferrari 3. Ms. Abitha (III-IT) – Life's Amazing Secrets 4. Ms. Ayswarya (III-ECE) – The Old Man and The Sea 5. Mr.Akilan (IV-IT) – ஒரு பொருளாதார அடியாளின் வாக்குமூலம்.51 Members of Readers Club was participated in this event. Resource Person of this event is Dr.M.Vijayakumar, Librarian,SXCCE.

SAE TREK

SAE INDIA collegiate club of SXCCE hosted SAEISS Trekking in our college for two days (29-04-2023 to 30-04-2023).The resource persons of the program were Mr.S.Shanmugam, Founder Director, Design Desk (India) Pvt. Ltd, Mr. A. Amstrong, Director, RAA Associate Pvt Ltd, and Mr. Kasiraja Thangapandian, Senior Manager, Visteon. This Trek mainly focuses on creating a learning culture across Professionals through learning the various activities of SAEINDIA southern sections and identifying various opportunities for the continuous growth of individuals and organizations etc., while enjoying nature.

SDG-7 Submit 2023

SDG-7 summit 2023 was conducted as a part of IGEN ENERGATHON 2023(an Earth day indexed 16 hours conference). The event mainly focused on Sustainable development goal – 7: Affordable and clean energy. Several events such as talk for sdg7, poster presentation, and video presentation were conducted for the students to bring out the creative solutions. Around 95 students have participated and expressed their talents in the events.

Seminar on Road Safety and Traffic awareness

In order to create awareness among the first year students regarding Indian traffic rules and safety, a half day seminar on" Road safety and Traffic awareness" was conducted on 02-06-2023. Mr.A William Benjamin, Inspector of police, Colachel Traffic Police Station has been consented as the resource person for the day.

Seminar on PEACEFUL USE OF NUCLEAR ENERGY

In view of celebrating the 25th year of Pokhran II, a seminar on constructive use of nuclear energy was arranged to our cadets on 13-05-2023 at Einstein Hall, SXCCE. Maj S Edwin Gladson, ANO, S SXCCE briefed the cadets about the program. Dr N Sheen Kumar, AP / Physics, SXCCE, was the resource person. He delivered the lecture on 'Peaceful use of nuclear energy'. Fifty eight cadets participated in the program.

NCC Day Celebration

NCC Day was celebrated on 15-05-2023 in our college. ANO Maj. S.Edwin Gladson presented the report of NCC activities for the academic year 2022-2023. Col C P Unnikrishnan, Officer Commanding, 11 (TN) BN, NCC, Nagercoil, was the Chief Guest of the function. The Correspondent Rev.Dr.M.Maria William presided over the function. The Principal Dr.J.Maheshwaran gave a special address and appreciated the contribution of cadets to the college and society. Our Bursar Rev Fr. Francis Xavier felicitated the gathering.

CALIDA FESTA SENIORS-2023 Intercollegiate Cultural Competition

Fine Arts Club of St. Xavier's Catholic College of Engineering, Conducted Calida Festa Seniors'-2023 ,District Level Intercollegiate Cultural Competition on April 18th 2023 from 9.00 A.M to 4.45 P.M. Eight events (Group Dance-Folk, Group Dance-Western, Group Song, Mime, Clay Modeling, Face Painting, Junk Art and Photography) were planned and conducted. All the Events are sponsored by SXCCE Alumni and various other Entrepreneurs like Kumari Shoppy, Gift Paradise, Pic Story, Victor Complex, CAD and Network Solutions, LY Bros and Top Troop –Dance Academy.Nearly 300 students from various colleges in and around the District participated in the events and NMCC Marthandem bagged the Overall Championship.
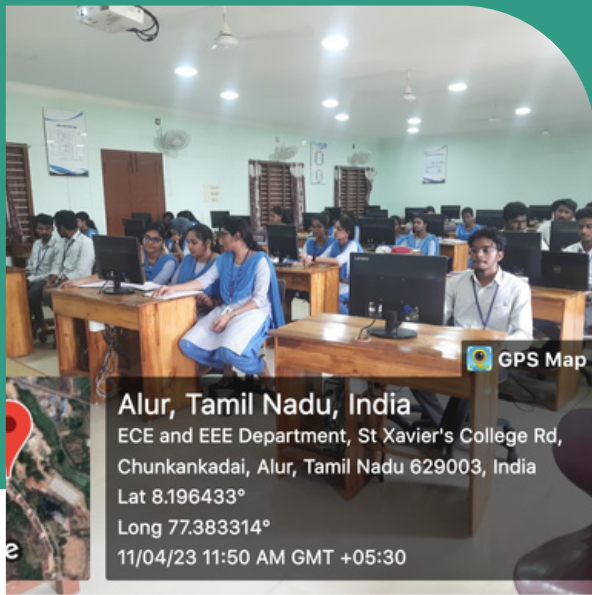

Project Expo 2023

On May 6, 2023, the IEEE Education Society Student Branch Chapter of St. Xavier's Catholic College of Engineering organized an expedition "Project Expo 2k23," sponsored by the IEEE Photonics Society and the theme was "The Future of Socially Responsible Innovation." . The Project Presentation for Software and hardware projects began at 11:00 a.m. Mr.Benny Jackson, Infrastructure Specialist at Capestart and Er. R.Abhishek, CEO & Founder, Chek In Tek judged hardware projects and shared their insightful suggestions. Mrs.A.S.Karthika, Analyst, Deloitte USI and Ms.Ivana Bhagya, Senior Software Engineer, H & R Block India Pvt. Ltd judged the software projects and shared their valuable suggestions.

Hands -On training based on UI/UX in Web App Development

Alur, Tamil Nadu, India
ECE and EEE Department, St Xavier's College Rd,
Chunkankadai, Alur, Tamil Nadu 629003, India
Lat 8.196433°
Long 77.383314°
11/04/23 11:50 AM GMT +05:30

SXCCE ACM-W Student Chapter and SXCCE ACM Student Chapter (124771) organised a hands-on training based on UI/UX in web page and web app development on April 11, 2023.The resource person Mr. Samnath & Mr.Jefrin (Prefinal IT) took over the session and started to explain about UX and UI and how they go hand in hand. Also how both are essential for the product's success and how it involves elements of research, testing, business analysis, project management, and various psychology. The best performer of the day is awarded to Fathima Sapna and Abinisha (pre-final ECE).

Seminar on Career Guidance

A seminar on Career Guidance was conducted on April 11th, 2023(Monday) from 1pm to 4.15pm at EEE Seminar Hall /SXCCE. The resource person was Mr.A.Rajesh/Techeditz2u. Ms.Ancilin Princy A of third ECE gave the welcome address and introduced the resource person. The resource person Mr.A.Rajesh gave a presentation Competitive exams which was conducted by Central and State governments. He gave some shortcuts to solve the problems also he worked out few problems. Finally, Ms. Sakthi Priya E K of final ECE delivered the vote of thanks. In this event, 81 students of various departments were participated.

Unnamalaikadai, Tamil Nadu, India
76WX+26X, Samavilai, Unnamalaikadai, Tamil N
629155, India
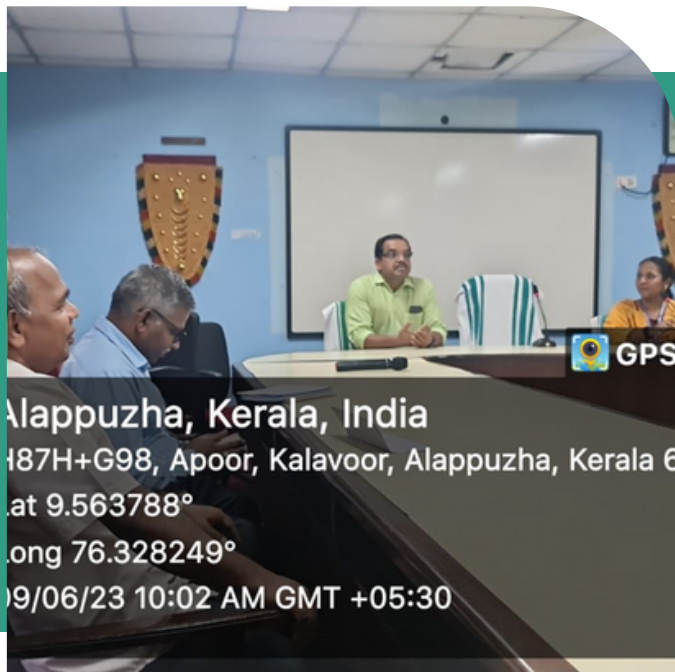Lat 8.294952°
Long 77.248193°
11/04/23 01:49 PM GMT +05:30

International Yoga Day

Nagercoil, Tamil Nadu, India
59VM+HRC, St Xavier's College Rd, Chunkankadai, Nagerco
Nadu 629003, India
Lat 8.193716°
Long 77.384899°
21/06/23 08:03 AM GMT +05:30

International Yoga Day was celebrated in our college on 21st June 2023. The theme of International Yoga Day 2023 is 'Humanity' and this year the nation endeavours to connect with larger global community because of its G20 presidency with theme 'One World One Health'. Sixty eight cadets (50 SD and 18 SW) participated in this event.

- An **Idea pitching workshop** conducted on 12 th March 2023 for all the PhD holders of our Institution by Rev Fr.Dr.M.Maria Willaim
- A Brainstorming session was conducted on 28th February for all the Research Coordinators of our Institution by Dr Sivakumar , Prpfessor/EIE , NIT Trichy
- A workshop on **"Research Proposal Preparation"** by Dr S Kalliappan, Former VC of Anna University of Technology, Thirunelveli on 3rd April 2023
- A **Research field visit** arranged to Agriculture Research Centre at Thirupathisagaram on 5th April 2023 for the Research Project Core Team members.
- A **Research Workshop on Project Management** for all the Doctorate faculty members of our Institution held on 17 th April 2023 by Mr.Vishu Kumar
- A **field visit** arranged to MALAR Food processing Unit , Karingal on 19 th June 2023.
- Research cell conducted 2 meetings on **Research Colloquium** where Faculty members, ME students and Ph.D. scholars of our college have met and discussed the latest in science, engineering and technology in order to proceed with their research activities.
- Staff and Students are motivated to file Patents and 12 more patents are filed during this academic year. **Institution is providing financial support** to file and publish the patents.
- Doctoral degree holders among the staff members are motivated to apply for the status of Research Supervisor under the Centre for Research, Anna University Chennai and **34 faculty members** have attained **Recognized Research Supervisor ship**.
- Faculty members have Published 53 articles during this academic year and the S**copus h-index reached to 35.**

Project team from St. Xavier's Catholic College of Engineering have visited Central coir research institute, Alleppey,Kerala on 09/06/2023 to explore the possibilities of joint research on coir fiber. The team learnt about processing machinery, testing of fibre. Etc. Rev. Fr. Dr. M Maria William, Dr. R.S. Shaji, Dr. M.Marsaline Beno, Dr. Antony Forster Raj and Dr.Ajith J Kings from deaprtment of mechanical engineering were participated in this

As Journal Article Reviewer

- **Dr. Y.R.Annie Bessant** Assistant Professor, Electronics and Communication Engineering ,as reviewer of the manuscript titled "DeepAID: A design of smart Animal Intrusion Detection and classification using Deep Hybrid Neural Networks" soft computing, springer nature.

Journal Article published

- Mr.V.Jesus Bobin Assistant professor of EEE Department and Dr.M.Marsaline Beno Professor of EEE department has published one research paper titled Performance Analysis of optimization based FOC and DTC methods for three phase induction motor in the journal Intelligent Automation and Soft computing10.32604/iasc.2023.024679
- Mrs S. Shiny, Assistant professor of EEE Department and Dr.M.Marsaline Beno Professor of EEE department has published one research paper titled "Efficiency Improvement in Smart grid using Enhanced Chaotic Crow Search Optimization" in IEEE Conference 2023 Advanced Computing and Communication Technologies for High Performance Applications https://doi.org/10.1109/ACCTHPA57160.2023.10083368
- Dr. M.Gerald ArulSelvan, Assitant Professor, Department of Mechanical Engineering has published one research paper titled "Development of novel methodology for gene identification-based classification of leukaemia disorder". Research on Biomedical Engineering, Springer https://doi.org/10.1007/s42600-023-00289-5 (Scopous).
- Dr. V. Christus Jeya Singh, Professor, Department of Mechanical Engineering has published one research paper titled "Investigation on Blending Ratios of Small Particle Size Spent Tea Waste with Bulk Density Agricultural Residues to Enhance the Performance of Downdraft Gasifier". Bio Energy Research, Springer with Impact factor 3.852
- Y. R. Annie Bessant · J. Grace Jency, "improved parallel matrix multiplication using Strassen and Urdhvatiryagbhyam method", CCF Transactions On High Performance Computing, Springer Nature,May 2023.
- Chrispin Jiji, Annie Bessant, "A new model to detect COVID-19 patients based on Convolution Neural Network via l1 regularization", Applied Mathematics in Science and Engineering, Taylor &Francis, Jun 2023, vol.31,no. 1,pp.1-18

As Resource Persons

- **Dr. Y.Balto**, Assistant Professor, Department of mechanical engineering has acted as a resource person for an one day seminar organized by department of mechanical engineering of M.E.T Engineering College on 11th May, 2023 and delivered the technical talk on "Recent trends in Automobiles" to the mechanical engineering students
- **Dr.S.V.Kayalvizhi** ,Assistant Professor of EEE Department has presented a Technical talk on soft computing techniques at Bethlehem college on 24/4/2023 and has conducted a Workshop on PCB design at Stella Mary's College on 11/5/2023
- **Mrs S.Shiny**,Assistant professor of EEE Department acted as a Session chair for the National level Technical symposium organised by EEE department held on 13-04-2023 at Stella Mary's College of Engineering.

Funded Project

A project titled **"VLSI implementation of CNN for Real time Applications"** is sanctioned by CDAC, Bangalore in May 2023. Total amount of funding is 38Lakhs and duration of the project is 5years. Dr T.Latha, Professor, Dept of ECE is the chief investigator and the Co-chief investigators are Dr.C.Seldev Christopher, Professor, Dept of CSE, Dr.C.Helen Sulochana, Professor, Dept. of ECEDr.Y.R.Annie Bessant, Assistant Professor,Dept of ECE, Dr.Y.Mary Reeja, Assistant Professor, Dept.of ECE, Dr.C.Sheeja Herobin Rani, Assistant Professor,Dept of ECE

Sight Volunteer for the year - 2022

Dr.A.Darwin Jose Raju , Associate Professor of EEE department has been selected as an honourable mention of the 2022 sight volunteer of the year award for his meaningful contribution in the last several years to IEEE sight and his dedications to the humanitarian technological acivities at IEEE and the SIGHT mission

Awards

- Prof. M. Abragam Siyon Sing, Department of EEE received **"NIEP Star Volunteer Appreciation Award 2023"** from The Noble Institution for Environmental Peace, Canada in aid of the United Nations International Volunteer Day on April 09, 2023 for his remarkable contribution to the Institution of Green Engineers in creating a green environment and striving to achieve the UN Sustainable Development Goals 2030.
- SXCCE G9 EnSAv Club received the **IGEN Sustainability Best Practices Award** for the successful demonstration of Best Practice on "Energy Saving Village Awareness Campaign" and the strong commitment towards attaining the SDG 7 and its related UN Sustainability Goals. The award was presented on IGEN ENERGATHON 2023 – A 19.13 Hours Marathon organized on 27th May 2023.

The Department of Mechanical Engineering has organized a one day FDP titled "Fusion 360" on 27/05/2023 by BIMLABS,Trivandraum to the faculty members of Mechanical and Civil Engineering and all faculty members from mechanical engineering and civil engineering department were attended that FDP . Prof.V.T. Vijumon was being the organiser for that FDP and the resource person was Er. A.S. Adil Muhammed, Centre Head, BIMLABS.

FDP

Editors

Mrs. J. Jencewin, AP/MCA | Dr. Y.R. Annie Bessant, AP/ECE| Mrs. P. Ajitha, AP/CSE |Dr. J. P. Vidhya,AP/HSc | Dr. Y. Balto | Mr. L. Lucas, AP/HSc| Mrs.S.Viji Chitra AP/MBA | Mrs. T.M.Angelin Monisha Sharean,AP/IT| Mrs.S. Shiny/EEE| Ms.C.M. Flora Dani,AP/CIVIL