



# ST. XAVIER'S CAMPUS CONNECT

Volume IV Issue 2, September 2023

## Vision

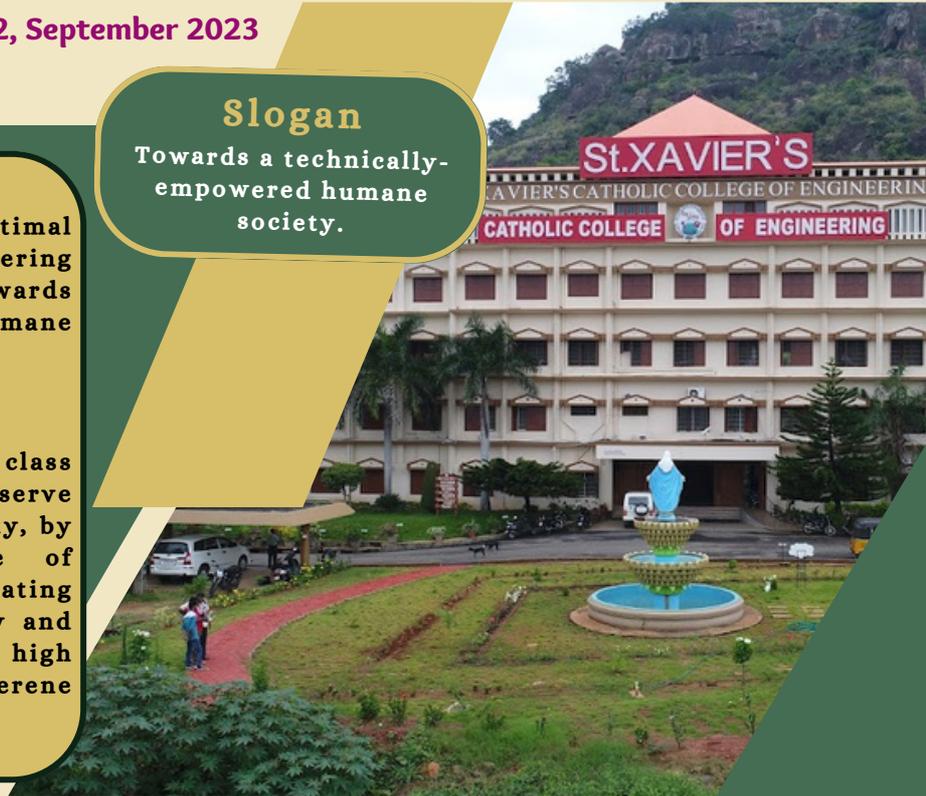
To be an institution of eminence of optimal human development, excellent engineering education and pioneering research towards developing a technically-empowered humane society.

## 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.

## Slogan

Towards a technically-empowered humane society.



## Contents

- Events
- Students Achievements
- Academic Activities
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## Upcoming Events

- A guest lecture on "Red Team Operations in Cyber security" - 05.09.2023
- PG Inauguration - 07.09.2023
- Seminar on "What Next? AR/VR" - 08.09.2023
- UG Inauguration - 09.09.2023

## CORRESPONDENT'S MESSAGE



Rev. Fr. Dr. M. Maria William

My dear Xaviarens,

Joyful greetings to all of you as we bring forth the September issue of "Campus Connect". We are busy with our daily grind. Everyone goes about carrying out their duties with single concentration. Even the freshers seem to know the way around to fulfill their academic and non-academic requirements with ease.

The campus has its full strength now. The energetic vibrations of the exuberant students reverberate everywhere in the campus. Year by year our activities are increasing, especially after we became an autonomous institution. The Campus Connect has increasingly more matter to present that our tri-monthly has become a monthly. At one side regular classes are going on and at another, seminars, conferences, talks, sports activities etc. are going on in full swing.

I am immensely happy that we are able to sign up few MoUs to start Excellence Centers. Excellence centers are going to be a big boon for the students to develop special technical skills and be assured of a promising future.

The inauguration functions of the freshers, both UG and PG celebrated with lots of enthusiasm and gaiety surely made the freshers feel very much welcomed and hopeful. Having Dr. T.V. Venkateswaran, Senior Scientist, Vigyan Prasar-DST as the Chief-guest for the function made a big impact in St. Xavier's family and the public.

The very useful and enriching interaction the staff and the students had with him after the celebrations has reopened many a new vista for research and study. Having this event as a big inspiration we have initiated a program called "Meet the Great", i.e. to bring luminaries from different fields, technical or otherwise, and interact with them, to be enlightened and inspired by them.

I would like to wish all of us days of great positive experiences and learning that all of us become better human beings and brilliant students and professionals.



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

Chunkankadai, Nagercoil - 629003  
Kanyakumari District, Tamil Nadu

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

# PRINCIPAL'S MESSAGE

## Greetings

It's my pleasure to appreciate the efforts taken by the newsletter incharges to bring out our newsletter on monthly issue. After commencing the classes for the second year, our activities are going on in full swing including activities of Professional, Non Professional and Sports activities. My appreciations to faculty and students for their achievements.

All the very best



**Dr. J. Maheswaran**

## Events

Independence Day was celebrated in our college premises on 15-08-2023. Our Correspondent Rev.Fr.Dr.M.Maria William hoisted the National Flag and delivered the presidential address. Our Principal Dr.J.Maheswaran gave a special address on that occasion. Earlier our NCC cadets performed March past. National Integration awareness cultural programs were conducted by the students. Prizes for winners and camp certificates were also given to students. About fifty cadets participated in this function.

## INDEPENDENCE DAY



# Opening of a Centre of Excellence on Circularity and Resiliency



The Centre of Excellence on Circularity and Resiliency was inaugurated on August 28, 2023. The event commenced with an inaugural address by Rev. Fr. Dr. M. Maria William Correspondent of SXCCE. This set the tone for the significance of the occasion. Dr. Manoj Kumar delivered keynote presentations on cutting-edge research topics, providing insights into the direction of future research at the Centre. The CoE opening event sets the stage for future endeavors:

The Centre will embark on groundbreaking research initiatives, with a commitment to pushing the boundaries of knowledge in Circularity and Resiliency field.

## ONAM CELEBRATIONS

Onam festival, Varnam'23 celebrated by Jyothi's on 28-08-2023 was presided over by the Correspondent. The function was felicitated by Dr. Manoj Kumar, Director, HICCR, Hong Kong university, the Principal and the Vice-Principal. 8 teams participated in the athapoo competition, which was judged by Ms. Suguna and Dr. J.P. Vidhya. Faculty and students viewed the athapoo.



# ACHIEVEMENTS



**Ms. Reenu Susen Kurien** of Final year CSE - A has won third prize in the elocution competition organized by the State Minority Commission and received Rs. 5000 cash prize.



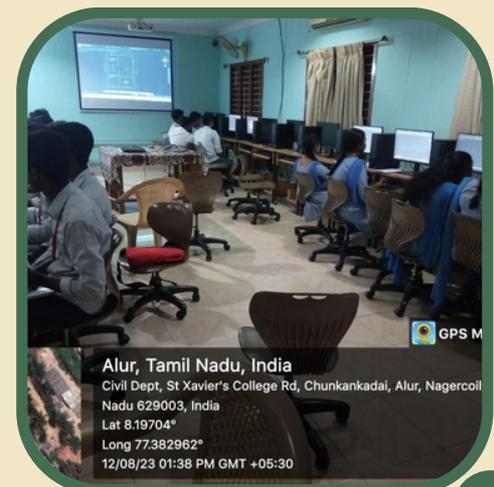
Our Cadet **Abinesh M Raj** got first prize in solo dance competition and our cadets also got first prize for group dance competition during the Annual Training Camp held at Rohini college of Engineering.

**Mr. A.S Akash Raj, Mr. Alan Gonsalves, Mr. Karan Raj, Mr. Amarnath and Mr. Hari Krishnan B R** of final year Mechanical Engineering have participated in the DST-SERB Sponsored National Level seminar on “Recent Advances and Challenges in Additive Manufacturing of Nano-structured Materials” held on 28th and 29th August 2023 at National Engineering College, Kovilpatti.

# ACADEMIC ACTIVITIES

## Workshop on 2D Planning and Cost Estimation

The REACH Association, Department of Civil Engineering, organized a One Day Workshop on 2D Planning and Cost Estimation. The Resource Person was Er. Praveen Kumar, Corporate Trainer, BIM CADD, Nagercoil. The session covers selection of Plots, Scientific Vastu, Building Cost Estimation and how to prepare 1000 sq.ft. plan within 10 minutes?. The Resource person gave hands on training to students to draw plan in AutoCAD. At the end of the session, the students were asked to draw a plan for 1000 sq.ft. The session provides a basic knowledge to students on using AutoCAD.





## FDP on Emerging Technologies

The Dept of Computer Applications in associating with the ICT Academy and EY Technologies Trivandrum organized a three-day FDP program titled "Emerging Technologies ".The program started with the inaugural function at 10.a.m at the Einstein Seminar Hall on August 17, 2023.The function started with a prayer song by the MCA Choir.Dr.M.M.Janeela Theresa HOD/MCA welcomed the gathering .The Function was presided over by the Correspondent of SXCCE.Dr.J.Maheswaran, the Principal/SXCCE ,addresses the audience with a facilitation message.Mr.S.Ganesh Vice President ICT Technology ,Tamil Nadu gave the inaugural address.Finally ,Dr.V.Christus Jeyasingh,Vice Principal/SXCCE,gave the vote of thanks .The session started at 11:15 a.m in the Einstein Seminar Hall.

## VISIT TO BUILD EXPO

The Build Expo'23 was organized by the Builder's Association of India, Kanyakumari Centre from 04/08/2023 to 06/08/2023. The second and third year students of Civil Engineering department had a visit to the Build Expo on 04/08/2023 at around 1:30 p.m. The exhibition showcased various Building Materials, Interior & Exteriors, Construction Equipments, Construction Technologies & Architectural Techniques, Builders & Promoters. The visit helps the students to discover upcoming design trends, eco-friendly products, the latest industry developments and experience creativity and expertise in the field of Civil Engineering.



# Seminar on Virtual Reality on BIM



Alur, Tamil Nadu, India  
Civil Dept, St Xavier's College Rd, Chunkankadal, Alur, Nagercoil  
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The REACH Association, Department of Civil Engineering, organized a seminar on Virtual Reality on BIM. The Resource Person was Mr. Jebastalin C, Trainer, CADD DESK, Nagercoil. The session provides basic knowledge on BIM and the various applications using BIM. The seminar was very informative and the students gained knowledge on the application of BIM.

## Career Guidance Program - UPSC

Electros, the association of ECE department organized a career guidance program 'About UPSC' for III year ECE students from 9.00am to 10.30 am and for IV year ECE students from 10.45 am to 12.15 pm at the Embedded lab on 12-08-2023. The resource person was Ms. Shiqnaz Ahas, Civil service mentor, Expertise in UPSC prelims, mains and interview Managing director at ECS Academy



Nagercoil, Tamil Nadu, India  
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Chunkankadal, Nagercoil, Alur, Tamil Nadu 629003, India  
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Electros, in association with ACM students chapter and Robotics club organized a technical seminar on '**AI Unleashed: Empowering Engineers to shape the future**' for III and IV year ECE students on 12-08-2023 from 1.00pm to 4.15 pm at VLSI lab. The resource person was Ms. Kajal Kiran, Data Scientist.



Nagercoil, Tamil Nadu, India

## Seminar on CAD DESK

Society of Electrical and Electronics Engineering organised seminar on 7th August 2023 by **CAD DESK** program, at 3:00 PM. The objective is to provide valuable insights into various aspects of engineering, including Power Systems, Automation, and Design Engineering. The Resource Person was Er. Monisha, CAD DESK.



Nagercoil, Tamil Nadu, India  
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The BRIGITZ organized a technical seminar on "**Ethical Hacking**" for the III and IV year IT students on 12th of August 2023 from 1.00 p.m. to 4.15 p.m. with Ms. Antonet Reeta, Network Specialist, Networkz Systems as the resource person. About 50 students benefited themselves by participating in the event.



Nagercoil, Tamil Nadu, India  
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- Electros the association of ECE department organized a Hands on training in **MATLAB programming** for III year ECE students from 10.45am to 12.15pm at VLSI lab on 12-08-2023. The resource persons were Dr.S.Maria Seraphine Sujitha and Dr.B.C.Preethi, Assistant Professors, ECE Department. They explained the basic matlab programming concepts with examples. Then they asked the students to write code for simple programs. This training was more useful for the students to gain knowledge in matlab programming.
- A seminar on "**online courses through NPTEL** " was held on 4th august, 2023 at St. Xavier's Catholic College of Engineering. It was organized by Society of Electrical Engineers (SEE). The seminar started at 10:30 AM – 12:15 PM . Online learning is rapidly becoming one of the most effective ways to impart education. The impact of the virus was so strong that online education became a seemingly ubiquitous part of our growing world, which resulted in the closure of schools and no further physical interaction of teachers with students. Education has changed dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely on digital platforms instead of physical classrooms.

# PLACEMENT ACTIVITIES

## TRAININGS

- Five days Quantitative Aptitude Training by Mr. Sundara Malesh M, SMiLe Training Resources was organized for the IV Year B.E/B.Tech (CSE, IT, CIVIL, ECE, EEE, MECH) and II Year MCA students from 8 th to 11 th August 2023.
- Five days Java Programming Training by Mr. S. Rama Subramanian, Founder &, Raman Code Academy, Madurai was organized for the IV Year B.E/B.Tech (CSE, IT, CIVIL, ECE, EEE, MECH) and II Year MCA students from 17 th to 24 th August 2023.
- Two Days Soft Skills, Resume Writing, Interview Skills Training by Mr. Roshan Roy, TalenTus HR Solutions Pvt Ltd, Cochin was organized for the IV Year B.E/B.Tech (CSE, IT, CIVIL, ECE, EEE, MECH) and II Year MCA students from 25 th and 26 th August 2023.



## Placements

- Renault Nissan Tech- Virtual Off Campus Placement Drive was conducted for B.E/B.Tech – CSE,IT,EEE,ECE,MECH on 12/08/2023. Eligibility criteria was 70% and above in degree. Salary package is Rs.4.25 Lacs per Annum (CTC).
- TechMindz 3.0-A competition in Verbal Ability, Quantitative Aptitude and coding skills was conducted on 24/08/2023 for III & IV year B.E/B.Tech students. 245 students participated in the event. Cash prizes and certificates were given to the top 10 winners.

## April/May 2023 Phase-I Examinations:

- April/May 2023 Phase-I revaluation of the end Semester theory examinations of 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. was conducted on 09-08-2023.
- Revaluation results of April/May 2023 Phase-I examinations were published on 10-08-2023.
- Review results were published on 23-08-2023.

## April/May 2023 Phase-II Examinations:

- Fifth prevaluation board meeting was conducted on 01-08-2023.
- Valuation was conducted from 02-08-2023 to 04-08-2023.
- M.C.A. project viva-voce examination was conducted from 02-08-2023 to 04-08-2023.
- Fifth Result Passing Board meeting to publish the results of M.E. Construction Engineering and Management, Structural Engineering, Computer Science and Engineering, Applied Electronics, Communication Systems, Medical Electronics and Energy Engineering, Master of Business Administration and Master of Computer Applications, and fourth semester Master of Computer Applications was conducted on 14-08-2023
- Results of April/May Phase-II examinations were published on 18-08-2023.



## April/May 2023 Phase-III Examinations:

- End Semester Theory examinations of second 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 fourth semester M.E. Construction Engineering and Management, Structural Engineering, Computer Science and Engineering, Communication Systems, Medical Electronics and Energy Engineering were conducted from 07-08-2023 to 25-08-2023.
- M.E. project viva-voce examinations were conducted on 25-08-2023.
- Sixth Prevaluation board meeting was conducted on 30-08-2023.
- Valuation was conducted on 31-08-2023 and 01-09-2023.
- Sixth Result Passing Board meeting is scheduled to be conducted on 07-09-2023.



## IQAC Activities

- Cell Audit for all the Professional, Non-Professional cells and Service bodies was conducted from 21-08-2023 to 31-08-2023.
- NAAC - AQAR Preparation meeting was conducted on 28.08.2023, to initiate the work regarding the Annual quality assurance report for the academic year 2022-2023.

# CELL ACTIVITIES



## STATE SEMINAR ON RECENT TRENDS IN LIBRARY

A State level Seminar on "Recent trends in Libraries" was organized by SXCCE Dr.Ambedkar Central Library, Readers Club and Kanyakumari District Library Federation on 25-08-2023. Our Correspondent Rev.Fr.Dr.Maria William and Chief Guest Dr.P.K Suresh Kumar lightened the Kuthuvilakku. Our Librarian, Dr.M.Vijayakumar delivered the welcome address. KDLF Coordinator Dr.M.Lawrence Mary presented the introduction about seminar. The seminar was felicitated by our Vice Principal Dr.V.Christus Jeyasingh. Our Chief Guest addressed the inaugural function. The readers club logo was released by our Correspondent and followed by he gave the presidential address. Vote of thanks was given by the Readers club faculty advisor, Mrs.P.Agnes Alex Rathy. In paper presentation session 4 papers were presented. In the Valedictory session, the District Library officer Mr.Manthiram gave the presidential address and motivated every one to use libraries.

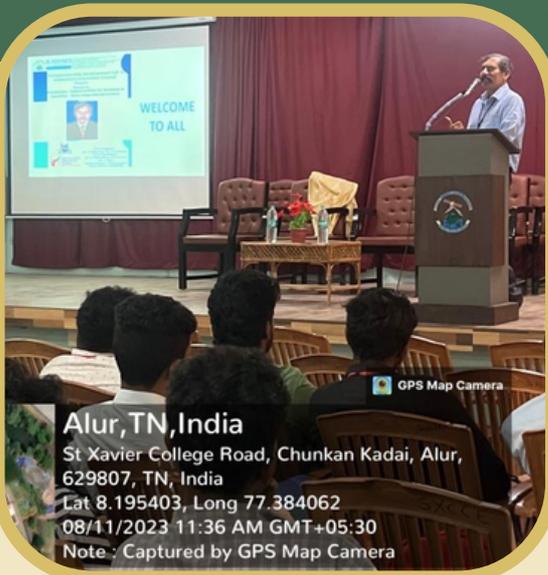
The Seminar titled **"Business Model Canvas"** was held on 02/08/2023 at 2.30 PM in the Conference Hall. Around Ninty five students, 9 members from Resource Person's team and five Staff members attended the seminar. The seminar began with Thamiltai Valthu, and the IIC Coordinator, Dr. T.S. Sheela Shiney delivered the welcome address. EDC Student member Ms. Lekshmi (CSE Department – Final year student ) introduced the chief guest. The resource person Mr. Ramkumar Sivakumar delivered the lecture about Business Model Canvas. The Dean of Student Futuristic Services Mr. Anto Xavier Roache handled the question answer session. The meeting ended at 4.15 PM with the vote of thanks by Mr. T. Michel Raj, EDC Coordinator. Participants attendance and registration were done properly.



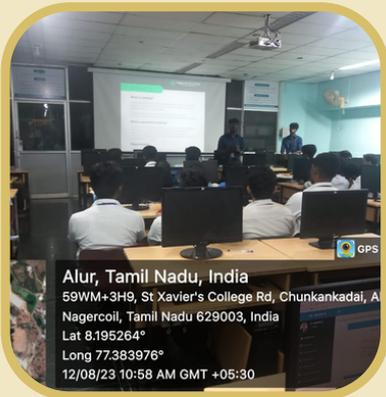
The Seminar titled **"Innovation/Prototype Validation – Converting Innovation Into A Start-Up"** was held on 07/08/2023 at 2.30 PM in the Conference Hall. Around sixty eight students, and five Staff members attended the seminar. The seminar began with Thamiltai Valthu. EDC Student member Ms. Lekshmi (CSE Department – Final year student ) delivered the welcome address and introduced the chief guest. The resource person Mr. S. Gokul delivered the lecture about Innovation/Prototype Validation – Converting Innovation Into A Start-Up. He has also highlighted the importance of Minimum Viable Product (MVP). The EDC Coordinator Mr. T. Michel Raj handled the question answer session. The meeting ended at 4.15 PM with vote of thanks by Mr. Ajil Prasad, EDC member. Participants attendance and registration were made properly.



# Government schemes to support start-ups in India



The Seminar titled “Government schemes to support start-ups in India” was held on 11/08/2023 at 11.00 A.M in the Einstein Hall. Around One hundred and thirteen members attended the seminar along with the staff members. The seminar began with a prayer song, and the EDC member, Mr.Harikrishnan Nair delivered the welcome address. Mr.Mohammed Abdul Hakkim, EDC member of SXCCE, introduced the chief guest. The resource person Mr. A. Berbert, General Manager, District Industries Centre - Nagercoil, addressed about various schemes from State, Central Government for Entrepreneurship, Innovation and Startups. The meeting ended at 12.20 p.m. with vote of thanks by Mr.A.P.Ajil Prasad, EDC member.



The Hands-on **Ethical Hacking Workshop** held on 12/08/2023 conducted by the NCSSS Cell aimed to provide a comprehensive understanding of cybersecurity concepts, ethical hacking techniques, and strategies to defend against cyber threats to the NCSSS cell members. The workshop was led by Mr. V Karthikeyan, the founder and CEO of Cappricio Securities.

The **Poster Presentation Competition** on “My Favorite Book” was announced on 07-08-2023. Students are instructed to submit their poster on 18-08-2023. Ten students from different departments submitted their posters to Dr.M.Vijayakumar, Librarian. The team of our staff Mrs. J.S. Simi Mole, Assistant Professor, Department of CSE and Mr.Ajith Leon, Designer, judged based on the content and design. The following students were selected as a prize winners of this event. First Prize – NISHYA K– I CSE B ,Second Prize–RINU S L- I CSE B ,JEGIL TIFFANIA J J - I CSE B.



Institution’s Innovation Council in association with Enterprenuership Development Cell organised a Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs on 17 August 2023. The main objective behind conduction of Seminar was to make the students understand how Start-Ups can be funded with the help of Angel Investors. The resource person Dr. C. Ramkumar, Innovation Ambasadddor IIC, Dr. NGP Institute of Technology - Coimbatore, addressed about Angel Investment , VC funding, Various stages in Entrepreneurship, Innovation and Startups. The resource person Mrs. B. Vijayalakshmi, Founder & CEO, Innovate India – Coimbatore addressed about the Intellectual Property Rights, IP management for Start-Ups. The Workshop ended at 1.00 p.m.



A seminar on **Career guidance in creative studies** was conducted on 12/08/2023 by Er. E.Vinoth Jose Raj Managing Director /Green Tech, Nagercoil act as a resource person .Seminar was started at 9.00 am welcoming by Dr.M.Marsalin Beno,Dean Resarch ,SXCCE. This seminar creates awareness on Designing, designing field oriented jobs and Animations.

The Outreach Cell of SXCCE organized an awarness program on **"Holistic approach to prevent cancer"** on 25th of August 2023 for the girl students of SXCCE with Dr. S SenthilKumar, Managing Trustee, Sreeram Cancer Trust, Nagercoil as resource person.

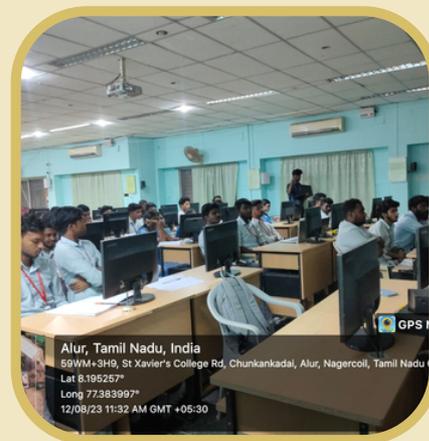
The orientation program on **saving energy through Green9 mantras** was organized by SXCCE G9 EnSav Club on 12th August 2023. The objective of the program is to motivate the students towards saving energy thereby making a sustainable earth and to undertake IGEN projects. The event was started at 9.00 AM in the morning and ended at 4.00 PM. Around 25 students were benefitted from the program.

The youth, often referred to as the pillars of our society, hold the potential for driving our country's growth and development. However, the menace of drug addiction threatens to impede this progress. Recognizing the gravity of this situation, the National Service Scheme of our college has organized a **Drug Awareness Programme and Social Justice Camp** on 09/08/2023. The event aimed to enlighten the youth about the perils of drug abuse and promote a healthier lifestyle.

The vibrant spirit of youth and their integral role in India's Development took center stage at the **International Youth Day Celebrations** organized by the National Service Scheme units of St.Xavier's Catholic College of Engineering on August 12, 2023. The goal of this event is to passionately articulate youth's insights on 'Role of Youth in India's Development', shedding light on the diverse ways in which they contribute to the nation's progress.

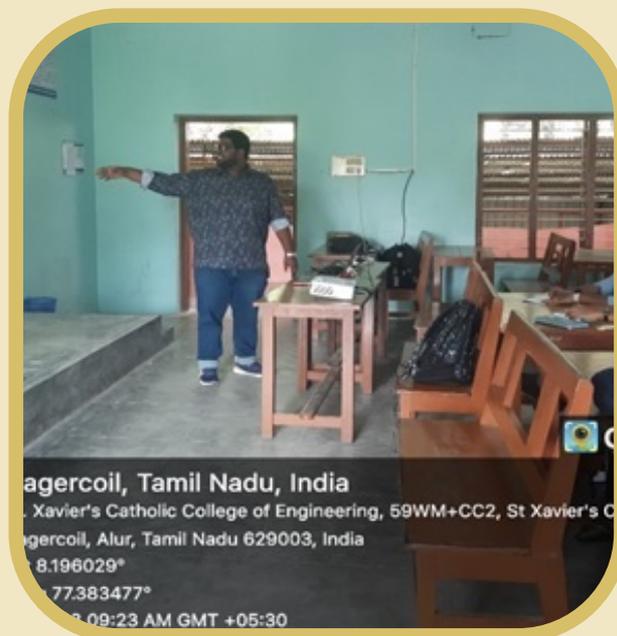


The Hands-on training on **WEB APPLICATION PENETRATION** was led by Mr. C Karthikeyan, Co-Founder of Cappricio Securities. All CSI members attended the training. This dynamic duo drew a diverse audience, including students and professionals with a keen interest in the Web Application Penetration domain. Participants learned about vulnerability assessment and penetration testing methodologies. The importance of identifying and remediating vulnerabilities before malicious hackers exploit them is emphasized.



Institution's Innovation Council in association with Entrepreneurship Development Cell organised a Session on **Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs** on 17 August 2023. The main objective behind conduction of Seminar was to make the students understand how Start-Ups can be funded with the help of Angel Investors. The speaker of the session was Dr. Ram Kumar C, Innovation Ambassador, IIC, Dr.NP Institute of Technology Students were delighted and inspired by the motivational talk. More than 120 students and 5 faculty members attended the Seminar.

A one day hands-on training on **Arduino** was organized by IEEE student branch at 12/08/2023. Around 30 members were participated in this event. This event starts at 9.15 a.m. and the introduction of Arduino was given by our alumnus Mr. Benny Jackson. The welcome address was given by Ms. Raksha J, IEEE executive member. The chief guest was introduced by Ms. Fathima Renosha, IEEE executive member. He taught us about the structure and working of Arduino, various types of Arduino and introduction about Arduino IDE. This introduction session ends at 11.00 a.m. The hands-on training starts at 11.15 a.m. This event was organized by the final year IEEE members. Experiments with various sensors were taught by them. This event ends at 4.15 p.m. This training was a wonderful experience. I hope this event was useful to every members.



**NCC Annual Training Camp** was conducted at Rohini College of Engineering & Technology, Anjugramam, from 22-08-2023 to 31-08-2023. From our college thirteen cadets including 1 SW cadet participated in this camp.

# Research Activities

The MoU signing ceremony marked a pivotal moment in fostering collaboration between SXCCE and HICCER. The ceremony aimed to formalize the commitment to work together on mutually beneficial projects, research initiatives, and knowledge exchange within the field of Circularity and Resiliency. The ceremony was conducted on 28.08.2023. The ceremony was attended by the key representatives from both SXCCE and HICCER], including HODs, and Deans.

Dr. Manoj Kumar, Director of HICCER and Faculty of City University of Hong Kong, delivered an address highlighting the significance of collaboration in advancing research, innovation, and addressing contemporary challenges. The ceremonial exchange of MoU documents took place between the Correspondent of SXCCE , Rev.Fr.Dr.M.Maria William and Director of HICCER , Dr.Manoj Kumar.

## SXCCE and HICCER - MoU Signing Ceremony



## Research Colloquium by Dr. Manoj Kumar

Following the MoU signing ceremony, Dr. Manoj Kumar delivered a research seminar on Circular Economy Inspired Engineering Systems. The seminar aimed to provide student attendees with insights into the latest developments, emerging trends, and future prospects within the Circularity and Resiliency field.

### As Resource Persons

- **Dr.M.Marsaline Beno, Professor & Dean** - Research has acted as a resource person for a Seminar on Green Agricultural Technologies on 01.08.2023 organized by Green Agri Club, Marthandam.
- **Dr.M.Marsaline Beno, Professor & Dean** - Research has acted as a resource person for a Faculty Development program on Redefining Teaching and Unleashing Success on 19.08.2023 organized by Union Christian polytechnic College.
- **Dr.M. Antony Foster Raj**, Assistant Professor, Department of Mechanical Engineering has acted as a judge for the exhibition and contest “Veetukku oru Vingyanai” Organised by Puthiya Thalaimurai TV on 26.08.2023 at Mount Litera School, Mylode.
- **Dr. N Ansgar Mary** acted as the guest lecture in Morning Star Polytechnic College on 23rd of August 2023 to give a seminar on “Applications of Data Structure”.
- **Er. P Agnes Alex Rathy** acted as the guest lecture in Morning Star Polytechnic College on 24th of August 2023 to give a seminar on “Searching and Sorting Techniques”.

- **Prof V.T Viju Mon**, Assistant Professor, Department of Mechanical Engineering has published one research paper titled “Biodegradable sensors: A comprehensive review”. ‘Measurement’ Volume 219, 2023, 113261, Elsevier, with Impact factor 3.364.
- **Dr. Suja A Alex** has published a paper “Blockchain Based E-Medical Data Storage for Privacy Protection.” Proceedings of 3rd International Conference on Mathematical Modeling and Computational Science. ICMACS 2023. Advances in Intelligent Systems and Computing, vol 1450. Springer, Singapore. [https://doi.org/10.1007/978-981-99-3611-3\\_10](https://doi.org/10.1007/978-981-99-3611-3_10).

**Dr. Suja A Alex** is acting as a reviewer in

- Hindawi International Journal of Big Data and Analytics in Healthcare, IGI Global.
- Future Generation Computer Systems, Elsevier,
- Applied Soft Computing, Elsevier.
- BMC Medical Informatics and Decision Making, Springer.
- Journal of Intelligent & Fuzzy Systems, IOS Press.
- Neural Computing and Applications, Springer .

**As Reviewer**

## Research Lab

The Department of Mechanical Engineering has established a lab synthesization of nano particles. The general equipments that makes up this lab are Hydrolysis setup and Ultra Sound treatment. This lab can also be modified with additional equipment to suit once specific application. Prof. A. Anitto Joe Xavier and Mr. Benny Sharon are currently doing their research in this laboratory and they are guided by Dr. G. Antony Miraculas, Associate Professor & Head, Mechanical Engineering and Dr. M. Gerald Arul Selvan, Assistant Professor/Mechanical Engineering



- **Dr. Jain B Marshel**, Assistant Professor of EEE department has received appreciation award for the academic year 2022-2023 on 23/8/2023 from Spoken Tutorial IIT Bombay for making an outstanding contribution by using ICT-based teaching and learning methodology for students and the faculties of St. Xavier's Catholic College of Engineering, He has played a part in it becoming the fastest-growing NMEICT Project. His excellent skills and courteous attitude have helped tremendously, in spreading awareness of Spoken Tutorial, IIT Bombay.
- **Dr. S. Edwin Gladson**, Associate Professor of the department of physics has received the appreciation from the NCC Madurai Group Commander Col Amit Gupta for performing the NCC duties in an outstanding manner.
- **Dr. Suja A Alex** has received Hindawi Reviewer Award (01-08-2023) from Hindawi International Journal of Big Data and Analytics in Healthcare.
- **Dr. Suja A Alex** is an academic editor in PLOS ONE Journal

**AWARDS**

**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 | 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**

**EDITORS >>>**