



ST. XAVIER'S CAMPUS CONNECT

Volume III Issue 3, April 2023



CORRESPONDENT'S MESSAGE



by Rev. Fr. Dr. M. Maria William

It is nice to see yet another issue of our newsletter, carrying news about loads of events and celebrations. It is indeed heartening to notice that increasing number of events are being organized by the students and faculty these days. This is one of the reasons that we think of bringing out our newsletter monthly. I am sure all will cooperate by promptly uploading events with proper contents and details into the automation.

Our college, as an autonomous institution, is very much pent upon raising our standards in all the areas of our involvements. The many achievements of our faculty and the laurels our students bring only show that our faculty and students are well within such a spirit. Let us keep moving ahead. The visit of many experts that we have arranged, and the inspiration and guidance they render to our thirsty minds, I believe, will surely bring great results.

It is not just the goals that we entertain in our hearts with passion that will carry us to greater heights, it is also the systems and habits we develop that makes us maintain a standard living pattern which will sustain us to reach such great goals with ease. Greatness is a daily affair. Such a journey to greatness starts with opening our hearts with passion and having positive attitudes towards an academically qualitative life, and giving less priority to those things that make us digress from our primary journey.

I appreciate with gratitude all those who are involved in pulling out the necessary news and editing them and publishing them as a newsletter. Great Service Indeed!

Let our journey towards greatness be easy and enjoyable; and may it be fruitful to our institution and beneficial to our students and the human society at large.

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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

PRINCIPAL'S MESSAGE

Greetings!

by Dr. J. Maheswaran



I am happy to note down the campus activities and the achievements of our faculty and students who earn laurels for the Institution during the period of this issue of our Newsletter. Our faculty are invited as Resource Person for chairing the sessions during conferences/symposia organized by leading Institutions and as a Guest speaker to deliver lectures in the latest Technologies. My appreciations to our Staff and Students who are providing the best in academic, co curricular and extra curricular fields.

It is my pleasure in congratulating the Editorial Board on this occasion. I wish that the number of achievers may grow in the period to come. I am sure that publishing a newsletter of this kind containing the laurels of students and staff will be a recognition to them.

I wish them all the very best for future endeavours.

EVENTS

25 TH COLLEGE DAY CELEBRATIONS

The 25th College day was celebrated on 17/02/2023. The function started with a Prayer Song by St. Xavier's choir followed by a Welcome Dance. Rev.Fr.Dr.M.Maria William, the Correspondent, SXCCE formally welcomed the gathering. The annual report of the college was presented in AV mode by the Principal Dr.J. Maheswaran. This was followed by a folk dance by our college students. The Chief Guest of the day Mr. Kewyn George addressed the gathering with the Chief Guest address. Silambam, the martial art was performed by our students.

The gathering was felicitated by Dr.V. Selvam, Governing Council Member and Dr. L. Jaya Singh Dhas, PTA President. Next the students performed a Western Dance. The President of our college Very Rev.Fr.S. Jesu Retnam, Contact Person, R.C. Diocese of Kuzhithurai gave the Presidential address. Next the students performed a Folk Dance. Prize Distribution ceremony was continued by the CSE department. Finally Rev.Fr. M. Francis Xavier, Bursar, gave the Vote of Thanks and College Anthem was sung by St. Xavier's choir.

Cultural events were conducted by the fine arts club like Fusion Dance, Song and Orchestra. Finally the program ended around 2.00 pm with the National Anthem.



PONGAL CELEBRATIONS

On 13th of January 2023 the Pongal celebrations of St. Xavier's Catholic College of Engineering organized by the Tamil Mantram began at 8.30 am. The traditional food "pongal" and "sugarcane" were distributed to the staff members and the Tamil mantram students. On the eve of Pongal celebration, a programme was organized by tamil mantram at 2.30pm with the chief guest Dr.P.Suresh Daniel,Ap, Department of Tamil, Scott Christian College, Nagercoil. Around 150 Students participated in Pongal day celebration. The Kolam competition was held on 12-01-2023 at 9.00 am in view of recalling Tamil heritage and culture. Also Tamil elocution and essay writing competitions were conducted on 12-01-2023.

The Pongal celebration at Ambedkar Nagar began at 2:30 p.m of 15th January 2023 with the sports for the varied categorized people of the village. Welcome address was delivered by the representatives of Ambedkar Nagar, continued by the presidential address by Mr. Rajesh, Secretary of Ambedkar Nagar. Our Correspondent Rev. Fr. Dr. M Maria William, Bursar M.Francis Xavier and the Principal Dr.J.Maheswaran felicitated the gathering. The prizes were distributed for the sport events, and the entertainment programs were given by both our students (Tamil Mantram, NCC) and Ambedkar Nagar People. The celebrations ended up with a vote of thanks by our Correspondent Rev. Fr. Dr. M Maria William.



Nagercoil, Tamil Nadu, India
Ambedkar Nagar, Chunkankadai, Nagercoil, Tamil Nadu, India
Lat 8.19245°
Long 77.384542°
15/01/23 05:36 PM GMT +05:30

KUMARI FM KALLORI 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 16th February 2023. Our Correspondent, Principal and the Vice Principal shared few words about our college. The events were broadcasted as live program through AIR from 11.00 am to 12.00 pm



Nagercoil, Tamil Nadu, India
59WM+5V6, Chunkankadai, Nagercoil, Tamil Nadu, India
Lat 8.195064°
Long 77.384512°
16/02/23 12:04 PM GMT +05:30

REPUBLIC DAY

Republic Day was celebrated in our college premises on 26th January, 2023. Our Correspondent Rev.Fr.Dr.M.Maria William hoisted the National Flag and delivered the republic day address. Our Principal Dr.J.Maheswaran gave a special address on that occasion. YRC students participated in the Republic Day. The program ended with national anthem.



IYAMPERUM VIZHA

The 'K.K Festival-Iymerum Vizha' was organized by 'Meendezhum Kumari' at our college premises from 26.01.2023 to 28.01.2023. The Three-Day Exhibition cum Sales Program was conducted on five themes such as, Traditional Food Festival, Science Festival, Arts Festival, Palmyra Festival and Green Agri Festival. Our College has jointly organized with the NGOs like MALAR, KIDSS, CHDP, RMP, PALMA, AWED, Green Agri Club, Tamilnadu Science Forum, etc., and few private organizations like Bucolic, Varapasatham, Lemuria, Finura Agro Tech., Barathi Book Stall, Sudharsan Book Stall, etc., Ninety-Nine stalls highlighting the Five Themes were installed in the Foot Ball Ground and Near Block-C.

The three-day program was inaugurated by Honourable Mayor Thiru. Magesh on the Republic Day and the program was concluded on the third day by Honourable Minister Thiru. Mano Thangaraj on 28.01.2023. The experts from all the fields were invited for special talks and the people who are working in these areas were honoured during the program. Around ten thousand visitors including people from villages, students from few institutions visited the stalls and enjoyed the cultural programs.

The entire program was jointly planned and executed by Mr. Thomas Franco, Coordinator, The Rise and Rev. Fr. Dr. Maria William, Correspondent, SXCCE. Dr. V.Christus Jeya Singh, Vice Principal, SXCCE has coordinated all the activities during the three days at SXCCE Campus.



SAVE BIRDS

An Awareness program on “Save Birds” was organized on 20.03.2023. This event depicted to celebrate World Sparrow Day all around the world to create awareness among the people to save this endangered bird from become extinct. Nimir and Green heart trust (NGO organisations) conducted this event in association with alumni association and ECO club of our college, which creates an awareness about nature conservation among youth. As the part of the event, the Correspondent and the Principal of our college, the members of the Nimir and Green heart trust, the president and the secretary of Alumni, the convener of ECO club have accompanied to install four sparrow food feeders in our urban forest.



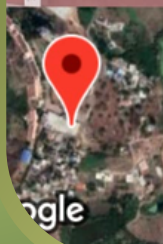
WOMENS DAY CELEBRATION

programme started with the prayer song by the College Choir and Ms.D.Delfin, President, Women’s Cell welcomed the gathering. Our Principal Dr.J.Maheswaran felicitated the gathering. Chief guest for the programme was Rev Fr.Junifer J Thomas who gave a talk on the importance of women education, legal rights of women to aware of their role and harassments in society. Our Correspondent Rev Fr Dr M Maria William gave the presidential address. Ms Joseph Metilda John, Women’s Cell Secretary, gave vote of thanks. Dr.T.Latha, Faculty Advisor along with faculty and students did all arrangements for the event.



PTI MEETING

The Parent Teachers Interaction meeting of the first year students was conducted on 11/03/2023 at 2.30 pm in the Conference hall. The meeting started with the prayer song. The PTI Coordinator of first year, Dr.S.Sheen Kumar welcomed the gathering. The Coordinator of H&Sc, Dr. D.Judson, gave a brief output of the departmental activities. The Principal explained the salient features of autonomous. Presidential address was given by the Correspondent, Rev.Fr. Dr.M.Maria William. The Faculty Advisor of SHAX, Dr.Vidhya J P proposed the vote of thanks. The meeting came to an end by 3.30pm with the college anthem. After the meeting the parents met the concerned faculty to get the marks and attendance percentage of their children.



Nagercoil, Tamil Nadu, India
59VM+HRC, St Xavier's College Rd, Chunkan Kadai,
Nagercoil, Tamil Nadu 629003, India
Lat 8.193741°
Long 77.38498°
11/03/23 02:32 PM GMT +05:30

ACHIEVEMENTS

- Gerald Briyolan B - III ECE A – Book Chapter - Handbook of Research on AI methods and applications in Computer Engineering published on January 30, 2023.
- Mohamed Shameem, Suha Fathima – II ECE B – secured First prize in Quiz competition held @ National Conference on Recent Trends in Electronics and Communication Engineering, CSI Institute of Technology.
- Dahlia Paulette S , Aiswariya S D , Akshaya S V , Deepika - IV ECE A - One among the top 25 teams for the Regional Finals from around 7000 applications towards Nalaiya Thiran Initiative organized by ICT Academy in association with The Department of Information Technology & Digital Services, NASSCOM, IBM, TNSDC and Anna University. – went for presentation to NEC Kovilpatti on March 3, 2023.
- Parikshith & Edsarone Nithin – First prize in Rock Band competition, Inter college Cultural Fest, Mar Festa 2k23 organized by Mar Ephraem College of Engineering and Technology on 10th March 2023.
- Parikshith , Edsarone Nithin & Daarshiya S – First prize in Rhythm of Mar Festa competition, Inter college Cultural Fest, Mar Festa 2k23 organized by Mar Ephraem College of Engineering and Technology on 10th March 2023.
- Daarshiya S – First prize in Group Song Competition – Sree Ayyappa College for Women on 1st March 2023.
- SUPRAJA & PREM KUMAR - First Prize in PAPERENZA , National level technical Symposium organized by St. Jerome's Arts and Science College on 31.03.2023
- ABDUL AZIM & ABISHEK - First Prize in MEMORY MAZE , National level technical Symposium organized by St. Jerome's Arts and Science College on 31.03.2023
- SREERAM -Second Prize in PICXELLENC , National level technical Symposium organized by St. Jerome's Arts and Science College on 31.03.2023
- OSWIN & VISVA -Second Prize in BUGWAR , National level technical Symposium organized by St. Jerome's Arts and Science College on 31.03.2023
- SREE RAM - First Prize in IPL AUCTION EVENT , National level technical Symposium organized by Amrita College of Engineering on 25.03.2023
- J.Newma Margret, A.S. Naveen (112022) & B.Margret Sumekha (112058) -III CSE B- Second prize in tech connect competition, National level technical symposium organized by Ponjesly College of Engineering on 25.03.2023.
- Shanjai J Sharon - IV CSE A - First prize in Debugging, National level technical symposium organized by Amrita College of Engineering on 25.03.2023.
- S.Francis Gallo - III CSE A - First prize in Paper presentation, National level technical symposium organized by Ponjesly College of Engineering on 25.03.2023.
- J.Allen Mathew -IV CSE B -Third prize in Paper presentation, National level technical symposium organized by Ponjesly College of Engineering on 25.03.2023.
- Roshan Roby -IV CSE - A - First prize in Hacking Competition, National level technical symposium organized by Amrita College of Engineering on 25.03.2023.
- 1) R.Bevin John - IV CSE B - Second prize in Memorax Competition, National level technical symposium organized by Amrita College of Engineering on 25.03.2023.
- S.Benny Godson - IVCSE -First prize in Sherlock Holmes, National level technical symposium organized by Ponjesly College of Engineering on 25.03.2023.
- 1) G.S Antony-II CSE A -Second prize in Sherlock Holmes National level technical symposium organized by Ponjesly College of Engineering on 25.03.2023.
- Shanjai J Sharon , Roshan Roby - IV CSE - First prize in IPL Auctions Competition, National level technical symposium organized by Amrita College of Engineering on 25.03.2023.



- TATA MEGHANA & PRIYA – III ECE B – FIRST Prize in Quiz Competition - National Level Technical Symposium conducted by Department of ECE – National Engineering College, Kovilpatti on March 17, 2023
- V.M. SACHIDHANANDHA PRABHU & MOHAMED SHAMEEM – II ECE B – SECOND Prize in Quiz Competition - National Level Technical Symposium conducted by Department of ECE – National Engineering College, Kovilpatti on March 17, 2023
- S.S. RISHITHA & HARITHA – III ECE B - SECOND Prize in Digi Design Competition – National Level Technical Symposium conducted by Department of ECE – National Engineering College, Kovilpatti on March 17, 2023
- S.S. RISHITHA & HARITHA – III ECE B -THIRD Prize in Reveal Me Competition – National Level Technical Symposium conducted by Department of ECE – National Engineering College, Kovilpatti on March 17, 2023
- HARITHA H.K. – III ECE B - SECOND Prize in Guess The Song Competition –National Engineering College, Kovilpatti on March 17, 2023
- HARITHA H.K. – Participated in the Workshop – Circuit Design using EDA and PCB Fabrication - –National Engineering College , Kovilpatti on March 17, 2023
- V.M. SACHIDHANANDHA PRABHU & MOHAMED SHAMEEM – II ECE B - FIRST Prize in Quiz competition in National Level Technical Symposium conducted by the Department of ECE, Ponjesly College of Engineering on March 18, 2023.
- IV.M. SACHIDHANANDHA PRABHU – II ECE B - SECOND Prize in Tek - Thesis competition in National Level Technical Symposium conducted by the Department of ECE, Ponjesly College of Engineering on March 18, 2023.
- S. SUHA FATHIMA – II ECE B – FIRST Prize in Paper Presentation – National Level Technical Symposium – Department of EEE - PonJesly College of Engineering on March 18, 2023.
- S. SUHA FATHIMA & R. SIVA SANDHIYA – II ECE B – SECOND Prize in Action Reaction Event – National Level Technical Symposium – Department of EEE - PonJesly College of Engineering on March 18, 2023.
- S. SUHAINA & VARSHA M M - II ECE B - FIRST Prize in Quiz competition - National Level Technical Symposium – Department of EEE - PonJesly College of Engineering on March 18, 2023.
- E.V. KIRUTHIKA & R. SIVA SANDHIYA - II ECE B - SECOND Prize in Quiz competition - National Level Technical Symposium – Department of EEE - PonJesly College of Engineering on March 18, 2023
- Shanu Jose.A -III IT - Third prize in paper presentation @ National Level Technical Symposium conducted by CSI Institute of Technology on March 31/03/23.
- J.Midhun -III IT -won second prize in district level photography competition on 25/03/2023 held at Holy Cross College

- J.JOHN RIXSON – II ECE B – First Prize in Nontechnical Event Gamez at UDHAYAM ‘ 23 – An Intercollegiate Technical and Cultural Fest on March 24, 2023 @ Kalaingar Karunanidhi Institute of Technology, Coimbatore.
- S.Rochart Raswin ,Seraji, Shajin Jeno ,Romin Davis - First prize in Paper presentation, National level technical symposium organized by Ponjesly College of Engineering on 11.03.2023.
- R.Austin Cruz, Shahul Hameed Maheen - II IT - First prize in Web Designing, National level technical symposium organized by Ponjesly College of Engineering on 11.03.2023.
- STEPHIN SAMUVEL S - II ECE B – First Prize in Nontechnical Event Gamez at UDHAYAM ‘ 23 – An Intercollegiate Technical and Cultural Fest on March 24, 2023 @ Kalaingar Karunanidhi Institute of Technology, Coimbatore.
- MATILDA JOHN JOSEPH & SHABEEN SONIYA A – First Prize in Poster Presentation @ National Level Technical Symposium conducted by ECE department, Noorul Islam College for Higher Education on March 29/03/23.
- MATILDA JOHN JOSEPH , SHABEEN SONIYA A & SHERIN DHANYA D - First Prize in Quiz Competition @ National Level Technical Symposium conducted by ECE department, Noorul Islam College for Higher Education on March 29/03/23.
- SINTHU P – Second Prize in Quiz Competition @ National Level Technical Symposium conducted by ECE department, Noorul Islam College for Higher Education on March 29/03/23.
- Antony G.S, Jerose koushanal A - II CSE- A - Third Prize in Technical Quiz,@ National Level Technical Symposium conducted by CSI Institute of Technology on March 31/03/23.

ACADEMIC ACTIVITIES

TECHBETA2K23

The National Level Technical Symposium(TechBeta2k23) took place on 3rd of March 2023 at Rock Auditorium. The welcome address was given by Dr.L.Josephine Usha, Faculty Advisor/BRIGITZ. Presidential address was delivered by Rev. Dr. M.Maria William, Correspondent. Dr.J.Maheswaran, Principal gave the felicitation. The chief guest address was given by Mr.M.Gomathi Subramanian, Managing Director, CubenSquare Technology Solutions, Chennai.



ECE-CONFAB 2023

ELECTROS, the association of Electronics and Communication Engineering department of our college organized a National Level Technical Symposium titled "ECE-CONFAB 2023" on 25th March 2023. The inaugural ceremony of the symposium started with the prayer song. Mrs.T.Mary Little Flower, Faculty Advisor welcomed the gathering. The chief guest address was given by Mr.M.Monikantan, Assistant General Manager, BSNL, Nagercoil. Dr. V. Christus Jeya Singh, Vice-principal felicitated the gathering. Rev. Fr. Dr. M. Maria William, correspondent of the institution delivered the presidential address.



ZEUS

The national level technical symposium has been conducted on 10/03/2023. Totally 150 students participated from other colleges. The events such as paper presentation, debugging , Technical Quiz are conducted. Prizes will be distributed to the winners.



MANAGEMENT FEST XIBITA 7.1

The Department of Management Studies and Xavier's Management Students Association conducted National level management fest Xibita 7.1 on 31.03.2023 (Friday). Students from various colleges around the district were participated in all the events and won prizes. 95 students were participated in four events (Debate, Business Quiz, Adzap and Corporate Mime) from various colleges. Mrs.Adlin.N, Assistant Professor is the organizing secretary and Mr.J.Aron Rakesh, Director, AT Broadband & Allitson Technologies Pvt.Ltd, Nagercoil is the Chief Guest for Xibita7.1. Dr.M.Maria Willian, Correspondent gave the presidential Address and Dr.J.Maheshwaran felicitated the fest.



INDUSTRIAL VISIT & EDUCATIONAL TOUR

- Students of II year CSE department of St Xavier's Catholic college of engineering were taken for an industrial visit to UST Global on 13-02-2023.
- Students of First year CSE and AI of St Xavier's Catholic college of engineering were taken for an industrial visit to UST Global on 3-02-2023.



The final year students of Electronics and Electronics Department went for an educational tour to North India from 30.12.2023 to 08.01.2023. They visited Taj Mahal, Red Fort, Manali, Delhi and Goa.



The final year students of Electronics and Communication Department went for an educational tour to North India from 6th January 2023 to 16 January 2023. They visited Taj Mahal, Amritsar Jallianwala Bagh Massacre Wagah border Manali Solang Valley and Qutub Minar.

The final year IT students went for the All India Tour from 6th January to 16th January 2023. About 27 students and 2 staff members participated in this tour. The students visited Agra, Delhi, Amristar and Kulu Manali, India Gate, Indian Parliament, Lotus temple, Golden Temple, Waga Border and others.



The final year Students of B.E CSE, went for an excursion from 06/01/2023 to 14/01/2023. They visited Taj Mahal, Manali, parliament, Qutb Minar, Indira Gandhi museum, lotus temple and India Gate



WORKSHOP & SEMINAR

A seminar was organized for the students of Civil Department on behalf of the FACEAT&P association on 24.02.2023(Friday), on the topic **“SAVE EARTH”**. The introduction was given by Mrs. Sheila Balanta, Assistant HOD, Department of Civil Engineering; the program was conducted by Mr. P.Sagaya Arokia Raj.

A seminar on **“Chat GPT - Powered AI Search Engine”** was organized by the Department of Computer Applications to make the students expertise in AI based search engine by the resource persons Mr. A. Maria Selvam, Content Manager, Wibits Web Solutions and Er. J. S. Alpha, Business Development Manager, Wibits Web Solutions on 25.03.2023.



- The hands-on training was organised by ACM-W student chapter SXCCE-190059 on 13.02.23. The welcome address was delivered by Fathima of III ECE A. Tata Poli Meghana III ECE B (Vice Chair ACM-W) introduced the resource person Er. B. Deepesh, Project Head, Goldlight Technologies Pvt. Ltd, Trivandrum. A memento was given to Er. Deepesh as the token of gratitude by Dr. C. Sheeja Herobin Rani, Faculty sponsor of ACM & ACM-W. The session concluded with the Vote of thanks by Dhanuja R, IV ECE A (Secretary of ACM-W).
- St. Xavier's Catholic College of Engineering (Autonomous) and Xavier's Management Students' Association, organised a half-day seminar on "Way to Reduce Stress for Managers" for the department of Management Studies on March 21, 2023, at the Conference Hall. The seminar focused on stress management for managers. The resource person was Dr. Jenifer Diana, Holistic Naturopathy Health Centre, Chunkankadai.
- An orientation program on software on civil engineering was conducted on 16.02.2023 for the Civil Engineering Students. The resource person for the program were from CAD DESK, Nagercoil.
- A workshop on "CORE JAVA" was held on 25th of February 2023 at St. Xavier's Catholic College of Engineering, Einstein Seminar Hall. It was organized by the Association of Computer Engineers (ACE). The resource person for the workshop was Mr. Abington - Business Development Manager and Mr. Palani - .Net developer.
- The department of Electronics and Communication Engineering conducted a motivational speech program on 20/3/2023 Monday in VLSI lab from 1 pm - 2.30 pm. The speaker of this program was Mr. Tony Varghese, an alumnus of ECE (2019 Batch), St. Xavier's Catholic College of Engineering who is presently working in Merchant Navy as ETO.

BRIGITZ organized the training to all the students of final and pre-final year by the resource person Mr. Sivas Sambandam, Founder of Galaxy educational consultants, Madurai. The event was organized on 27-02-2023 at the IV-year IT class room from 02:30 to 04:15 PM. The resource person gave the basic knowledge to pursue the higher education and career opportunities in abroad. He also discussed different universities expectations for pursuing the higher education and career in abroad. He also gave awareness about visa process and validity of work permit.



BRIGITZ organizes the Hands-on Training on “ZOHO Creators - An Overview” by Er.W.Merin Vincy, Asst.Head, Er.J.Amala Josephine, Sr.Developer, Zitraar Tecnologies on 28.02.2023. Totally 39 students were benefited and got certification. Students were able to develop custom enterprise applications



A seminar on “Real time applications of Embedded Systems” was held on 15th of February 2023 at St. Xavier’s Catholic College of Engineering. It was organized by Society of Electrical Engineers (SEE). Embedded System is a microprocessor based computer hardware system with software that is designed to perform a dedicated function to perform, either as an independent system or as a part of a large system. The objective of the seminar is to introduce the latest technologies used in embedded system and to build project guidance for the students. The seminar was attended by the Second year and Final year Electrical and Electronics Engineering students.



A workshop on orientation of CAD/CAM/CAE was conducted for III year mechanical engineering students on 07/03/2023 by Er.M.V.Magesh, Technical Head, CAD POINT, Marthandam. In a total of 77 students participated interestingly and learnt about CAD/CAM/CAE which made the program a successful one.



Mechanical Engineers’ Guild of Xavier’s (MEGX), organized a seminar on "Carreer guidanance and placement drive training prgramme", which was held on 21.03.2023 &29.03.2023.

On 11-03-2023 Saturday, ELECTROS organized a seminar on “Amazon Web Service”. This seminar was conducted by the resource person, Ms. R. Jhony, Network Systems, Nagercoil, Alumna of St. Xavier’s Catholic College of Engineering.



PLACEMENT ACTIVITIES

TRAININGS

- Eight days training program on coding skills by Mr. Manikandan, Syspro Training Academy for III year B.E./B.Tech students was organized on 01st to 03rd & 07th to 11th Feb 2023.
- Four days training program on Aptitude by Mr. Prince, SMART Training Resources India Pvt. Ltd. for II MCA students was organized on 13th, 15th to 17th March 2023.
- Two days Soft skills training program by Mr. Roshan Roy, TalenTus HR Solutions Pvt. Ltd. was organized for IV YEAR B.E/B.Tech – CSE, IT, ECE, EEE & MECH students on 06th and 07th March 2023.
- An awareness program on Government (state & Central) Jobs by Ms. Jareefa D Immanuel, District Employment Officer & Mr. Roni Krishnan, Young Professional – Ministry of Labour and Employment was organized on 09th Feb 2023 for the Selected Final and Pre-final year B.E/B.Tech students.
- Two days Soft skills training program by Mr. Roshan Roy, TalenTus HR Solutions Pvt. Ltd. was organized for III YEAR B.E/B.Tech – CSE, IT, ECE, EEE & MECH students on 27th and 28th March 2023.
- Two days Soft skills training program by Mr. Roshan Roy, TalenTus HR Solutions Pvt. Ltd. was organized for I MCA students on 29th and 30th March 2023.



PLACEMENTS

- Quintessence Business Solutions and Services-ON CAMPUS PLACEMENT DRIVE was conducted for B.E/B.Tech – CSE, IT, EEE, ECE & MCA on 01.02.2023. Salary Package is ₹ 1.78 - ₹ 2.59 LPA (CTC). 51 students got placement offers.
- Freedom Software Solutions.- ON CAMPUS PLACEMENT DRIVE was conducted for B.E/B.Tech – CSE, IT, EEE, ECE & MCA on 04.02.2023. Salary package is ₹ 1.80 - ₹ 2.4 LPA (CTC) .
- Just Dial Ltd- ON CAMPUS PLACEMENT DRIVE was conducted for B.E/B.Tech-IT, CSE, ECE, EEE, MECH, CIVIL & MBA on 09.02.2023. Salary package is Rs.2.0-2.64 lakhs per annum (CTC). 34 students got placement offers.
- Digital Logiciel Solutions Pvt. Ltd.- ON CAMPUS PLACEMENT DRIVE was conducted for B.E/B.Tech – CSE, IT, EEE, ECE & MCA on 10&11.02.2023. Salary package is Rs.2.4 to 4.0 Lakhs Per Annum (CTC).19 students got placement offers.
- FacePrep.- VIRTUAL PLACEMENT DRIVE was conducted for B.E/B.Tech – CSE, IT, EEE, ECE & MCA on 18.02.2023. Salary package is Rs.3.06 Lakhs Per Annum (CTC). 7 students got placement offers.
- JSE Engineering Pvt. Ltd.(Core MEP Company).- ON CAMPUS PLACEMENT DRIVE was conducted for B.E/B.Tech – Civil, EEE, ECE on 21.02.2023.Salary package is Rs. 2.4 lakhs per annum. 26 students got placement offers.
- Tech Mahindra (BPO).- ON CAMPUS PLACEMENT DRIVE was conducted for B.E-ECE, EEE & Mech on 22.02.2023. Salary package is Rs.1.44 to 2.4 lakhs per annum (CTC). 40 students got placement offers.
- VI Micro System Pvt. Ltd.- ON CAMPUS PLACEMENT DRIVE was conducted for B.E-ECE, EEE & Mech on 22.02.2023. Salary package is B.E/B.Tech:1.44 - 1.96 lakhs per annum(CTC) M.E :1.8 - 2.1 lakhs per annum(CTC). 19 students got placement offers.
- Webberax (Vintorix Tech Solutions) - ON CAMPUS PLACEMENT DRIVE was conducted for B.E-ECE, EEE & Mech on 24.02.2023. Salary package is 2.64 Lakhs Per Annum (CTC) .11 students got placement offers.
- Novac Technology Solutions Pvt. Ltd.- ON & POOL CAMPUS PLACEMENT DRIVE was conducted for B.E-Mech,Civil, EEE & MBA on 24.02.2023.Salary package is Rs. 2.4 to Rs. 2.8 lakhs per annum. 4 students got placement offers.
- Syrma SGS Technology Ltd.- ON & POOL CAMPUS PLACEMENT DRIVE was conducted for B.E-ECE, EEE & Mech on 02.03.2023.Salary package is Rs.1.62 lakhs per annum (CTC).
- BIMLABS Engineering Services Pvt.Ltd- On & Pool Campus Placement Drive was conducted for All B.E/B.Tech – CIVIL,MECH,EEE on 08.03.2023. Salary Package Rs.1.44 to 1.8 Lakhs Per Annum. 6 students got placement offers.
- Mafiree Ltd.- ON CAMPUS PLACEMENT DRIVE was conducted for B.E-ECE, EEE & Mech on 16.03.2023. ESalary package is Rs.1.2 to 3 lakhs per annum (CTC). 3 students got placement offers.
- InfaWorx Data Management Services Private Limited- On Campus Placement Drive was conducted for B.E-ECE, EEE & Mech on 27.03.2023. Salary package is Rs.3 lakhs per annum (CTC). 3 students got placement offers.
- Unique Measurement Service -On Campus Placement Drive was conducted for B.E– ECE, EEE, MECH M.E – ECE,EEE,MECH on 27.03.2023. Salary package is 1.62 Lakhs Per Annum (CTC) .3 students got placement offers.

IQAC ACTIVITIES

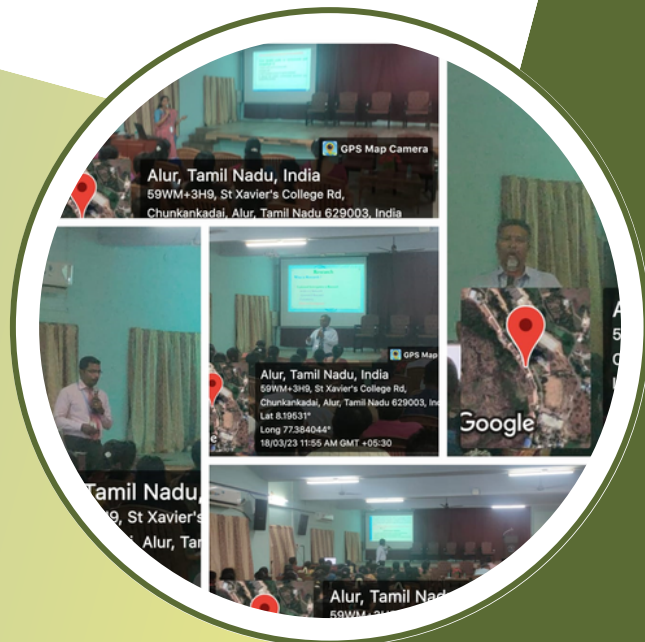
The Short Term Course on "Free & Open Source Software for Effective Curriculum" was conducted by NITTTR, Chandigarh through our college remote centre from February 20 to February 24, 2023. Dr. Rajesh Mehra, Professor & Head, Department of CDC of NITTTR Chandigarh served as the STC's coordinator. He provided a quick overview of the STC. On each of the five days, the programme was hosted in the Google Meet platform from 10.00 am to 4 pm.



The Staff Orientation program on "Personality Development" was conducted by Internal Quality Assurance Cell, SXCCE on March 30, 2023. Dr. J. Annrose, IQAC Coordinator welcomed the gathering. An introductory speech was given by our Principal Dr. J. Maheswaran. Dr.T.R.Jerald Beno started the session with a PowerPoint presentation, elaborating on Personality development. Moreover, he spoke about the qualities essential for a staff to perform in the college environment. He then discussed about traits such as motivation, self- awareness, self-regulation, leadership, etc., and the reasons they are vital for employees in an organization to function well with each other. The vote of thanks was delivered by our Principal Dr. J. Maheswaran.



"The Faculty Orientation program on "Disclosure of NAAC Benchmarks, SOP for autonomous colleges" was conducted by Internal Quality Assurance Cell, SXCCE on March 18, 2023. Dr. J. Annrose, IQAC Coordinator welcomed the gathering. An introductory speech was given by our Correspondent and Principal. The program covers five sessions which was handled by the Deans. The vote of thanks was delivered by our Principal Dr. J. Maheswaran.



EXTERNAL IQAC MEETING

IQAC meeting to discuss the Benchmark of 2022- 2023 achievement status was held on 30-03-2023. The principal welcomed the members, and in his introductory remarks, he shared the achievement of the academic year 2022-2023. The coordinator of IQAC presented the minutes of the previous meeting. Department IQAC members presented the achievement status of the Benchmarks. The IQAC coordinator thanked the external and internal members and the meeting came to an end at 2:30 p.m

CELL ACTIVITIES

GATE Training Cell organized Two Day FDP on 'Teaching for GATE' on 04-01-2023 & 05-01-2023. The resource person was Dr. A. Jegatheesh, Managing Director ALC Academy, Nagercoil.

GATE 2023 TRAINING

A training was organized to the registered students of GATE 2023 by the resource person Dr. A. Jegatheesh, Managing Director of ALC Academy, Nagercoil. The event was organized on 03-02-2023 at the IV-year CSE-B class room from 10:45 AM to 12:15 PM. The resource person gave the basic tips and guidelines to be followed during the GATE exam. He discussed shortcuts in engineering mathematics and different approaches for the same question. He also gave an awareness about GATE and its related benefits in higher studies, JRF, Jobs in government sectors.

BOOK TALK EVENT

The Book Talk Event was conducted on 15/03/2023. The Book Talk was given by the following student members 1. Mr. Shahul Hameed (II Year IT) – Charlie and the Chocolate Factory, 2. Ms. Lydia Nefla (III Year ECE) - How to Stop Worrying and Start Living, 3. Ms. Ancelin Princy (III Year ECE) Data Communication System, 4. Ms. P.A. Abisha (II Year MCA) – The Last Leaf, 5. Mr. Ashish (IV Year IT) Wings of Fire. 57 Members of Readers Club participated in this event. Resource Person of this event is Dr. M. Vijayakumar, Librarian, SXCCE.

The Seminar titled "Entrepreneurship Skill, Attitude and Behavior Development" was held on 17/03/2023 at 2.00 PM in the Rock Auditorium. Around Ninety students attended the seminar along with the staff members. The seminar began with a prayer song, and the EDC member, Mr. Arul Rex, Assistant Professor, (IT Dept) delivered the welcome address and introduced the chief guest. The resource person Dr. R.R. Suresh Kumar conducted activity-based lecture. The resource person Mr. S. Ajith Kumar delivered a motivational speech. The resource person Dr. M. Babima delivered a lecture about Behavioral Economics. The meeting ended at 4.15 PM with the vote of thanks by Mr. T. Michel Raj EDC Coordinator.

- The NSS Unit I (1383) & II (1384) of our college in association with Anna University, Chennai, organized a Special Camp for the Academic year 2022-2023 from 20-02-2023 to 26-02-2023 in Vavarai (in association with Vizhavancode Panchayat). Around 100 NSS volunteers participated in the camp.
- The Radio Club members sponsored a women's day program in All India Radio on 8th March 2023, Konam. The students presented the list of Women's achieved in National and International level. They also insisted all women to achieve self-confidence and work on par with men for the betterment of the society.
- SXCCE ACM Student Chapter (124771) organized an awareness programme to the school students (std 8 & 9) to Adline Matriculation School, Vilukuri over the topic "E-Waste Management" on 09th March 2023.
- IETE Student Forum (ISF) organized a Seminar on Importance of Electromagnetic Fields in Engineering on 23-03-2023. The Resource Person was Dr. M. Marsaline Beno, Dean/ Research, St. Xavier's Catholic College of Engineering, Chunkankadai



In order to train the cadets to undertake positive community service in the spirit of selflessness and concern for the fellow beings, a Plastic Awareness Program was conducted on 21-01-2023 at Muttom. Under the motivation of Col C P Unni Krishnan, Officer Commanding and guidance of Lt Col Ansar M, Administrative Officer, 11 Tamil Nadu Battalion NCC, Nagercoil the program was organized. Maj S Edwin Gladson, ANO, St. Xavier's Catholic College of Engineering, Chunkankadai brief out the cadets about the program and also explained them the need of reducing the usage of plastics and elimination of single use plastics.



On 2/3/2023, Thursday at 11am the semi finals of A-quest was conducted by ISHRAE South Zone at Marian Engineering College. Our college students who were selected for the semi final participated in the competition.

The ECO CLUB organized a Seminar on "Organic Gardening and Biocomposting" on 15.03.2023. The Resource Person was Mr. S.M.Shobin, Founder & CEO of RexKnar Creative Solutions. The resource person shared his interest and experience about organic gardening and gave a valuable information about variety of plants and trees.



On 8/2/2023 Wednesday at 11am the quarter finals of A-quest conducted by ISHRAE Madurai chapter. Our college students were divided into 2 teams and were allowed to participate in the competition. Both the teams qualified for the final round of the competition.



An Intra College Quiz competition was organised by the college Constitution Club to create awareness about Indian Constitution among the students on 11/03/2023. Totally 18 teams (2 persons in a team) from different departments were participated in the competition and 5 teams were shortlisted for the final round. Finally, a team from II year Civil Engineering Department won the first prize of cash award Rs.1000 with a trophy and a team from I year ECE Department won the Second prize of cash award Rs.500 with trophy.



Indian Society for Technical Education (ISTE) organized a workshop on "Importance of Leadership Quality in Entrepreneurship" on 02/03/2023. The Resource Person were Mr. Sobin J M, Founder & CEO, Rexknar Creative Solutions and Mr. K. Manoj, PR Executive, Rexknar Creative Solutions.



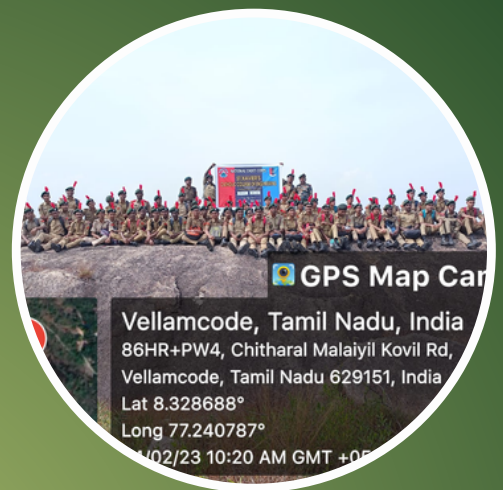
St. Xavier's Alumni Association and women's cell together organized a seminar on **"Society: Issues & Empowerment"** in St. Xavier's Catholic College of Engineering on March 3rd. Dr. Savitha A R, Assistant Professor and Head Research Center in English, Sree Ayyappa College of Women, Chunkankadai was the key note speaker of the day and Ms. Praslee Christus P L, Assistant Professor, Rajiv Gandhi College of Engineering, Chennai was the proud alumnus of our college and guest speaker of the day. Though the theme of this International woman's day 2023 is "DigitALL: Innovation and technology for gender equality" both male and female students took part in the seminar and made the session interactive.



Our youth red cross associated with kanyakumari medical college hospital, Asaripallam has conducted a **blood donation camp** on 23-3-2022. The function started at 9.30 am with a prayer. Rev.Fr.Dr.M.Maria William, Correspondent, SXCCE inaugurated the function with an inaugural speech. Our principal Dr.J.Maheswaran felicitated the gathering after the inaugural speech. Our chief guest Dr.R.Kaveri, Blood bank medical officer, kanyakumari medical college hospital, asaripallam addressed the gathering about the awareness of blood donation. 120 students participated in the camp and 74 students have donated blood to the kanyakumari medical college blood bank.



TA trekking program was conducted for the NCC cadets on 04-02-2023 at Chitalar Hills. The objectives of trekking, the precautions (the Dos and Don'ts) to be followed and how it will be helpful to tackle real life problems were explained to the cadets, by the ANO. About 65 cadets participated in the program and they were accompanied by the ANO, CHM Veerabuthiran of 11 (TN) BN, NCC, Senior Cadets and Staff members



Department of Electronics and Communication Engineering at St. Xavier's Catholic College of Engineering inaugurated IETE Students Forum (ISF) with 75 student members on 7th February 2023. The IETE conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India, publishes technical journals and provides continuing education as well as career advancement opportunities to its members. The inaugural function started with the Tamil Thai Vazhthu. The Chief Guest of the function was Dr.V. Gunasekhar Reddy, President, IETE and Dr. S. Arumuga Perumal, PAC- Chairman, IETE Nagercoil. Rev. Fr. Dr. M.Maria William, Correspondent and Dr. J. Maheswaran, Principal acted as a guest of honor.

RESEARCH ACTIVITIES

1. **Ms. Abisha. R & Mrs. Sheeba Rani .P.R** , Assitant Professor Department of Computer Science and Engineering has published one research paper titled “PREDICTING PADDY LEAF DISEASES USING CONVOLUTIONAL NEURAL NETWORK (CNN)”, Journal of Current Research in Engineering and Science ,Vol.6, No. 1, 2023
2. Dr. L. Mary Florida , Dr. M. Felix Nes Mabel , Mrs. S. Asha Alice , Mrs. P. Adin Shiny , Department of Mathematics has published one research paper titled “Decomposition of Graphs using Prime Labeling Algorithm”, Mukta Shabd Journal ,10.0014.MSJ.2023.V11I01.0086781.1136701, 2023
3. Mrs. A. Anisha ,Assistant Professor, Department of Computer science has published one research paper titled “Deep feature fusion and optimized feature selection based ensemble classification of liver lesions”,The Imaging Science Journal ,<https://doi.org/10.1080/13682199.2023.2185430>, 2023
4. Mr. D. X. Tittu George and Dr. Ananth Rajkumar, Assitant Professors, Department of Mechanical Engineering has published one research paper titled “Optimal sizing of solar-wind based hybrid energy system using modified dragonfly algorithm for an institution”, Energy Conversion and Management, 2023, Volume 283, Pages 116938.
5. Mr. D. X. Tittu George and Mr. Anitto Joe Xavier, Assitant Professor Department of Mechanical Engineering has published one research paper titled “Effect of Heat treatment on the hardness behaviour of the aluminium 6061 alloy”, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2023.02.345>
6. Mr. M L Ajin, Dr. J. Jebeen Moses, Assistant Professors, Department of Mechanical Engineering, St. Xavier's Catholic College of engineering and Ms. M Priya Dharshini, Assistant Professor, Department of Physics, Holy Cross College, "Tribological and machining characteristics of AA7075 hybrid composites and optimizing utilizing modified PROMETHEE approach", Material express research, 10 (2023) 046509
7. Dr. R. Barona ,Assistant Professor, Department of Computer Science and Engineering has published one research paper titled “An efficient DDoS attack detection and categorization using adolescent identity search-based weighted SVM model”, Peer-to-Peer Networking and Applications Journal, <https://doi.org/10.1007/s12083-023-01460-6>, 2023

JOURNAL ARTICLE PUBLISHED

AS RESOURCE PERSONS

Dr. V. Vijimon Moni, Assistant Professor/ department of Mathematics acted as

- Resource Person for the Principal Arumairaj Memorial Quiz Programme in Mathematics organized by the department of mathematics , Scott Christian College (Autonomous), Nagercoil on 06-01-2023.
- Resource Person for the Math Expo 2023 organized by the Department of Mathematics, St. John's College of Arts and Science, Ammandivilai on 27-01-2023.

Dr. Antony forster Raj, Assistant Professor Department of Mechanical engineering has acted as a chief guest and resource person for a Mechanical engineering department association inauguration held at Loyola Institute of Technology and Science held on 28th March, 2023 and delivered technical talk on “Energy Efficient Building Design” for Mechanical engineering students



PATENTS

1. **Dr. M. JOHN BOSCO**, Date of filing of Application : 07-01-2023 Publication Date : 09-03-2023, "PORTABLE SOLAR TREE".
2. **Dr. F. Ramesh Dhanaseelan, Dr. J. Anrose, Dr. Suja A Alex, Dr. M. Jeya Sutha, Er. J. Jenifer Jose, Dr. L. Josephine Usha, Er. T. M. Angelin Monisha Sharean, Er. T. Abisha, Er. S. Ronald Rygan**, Date of filing of Application : 04/03/2023 Publication Date : 24/03/2023, "EARLIER DETECTION AND ALERT OF HEART DISEASE SYSTEM".

- Four of the final year mechanical engineering students namely V.A Abilash, V.Nishanth, M. Santhosh and M. Nikesh of Stella Mary's College of Engineering are undertaking their final year project at our institution laboratory under the work titled with "Mechanical Property Evaluation of Modified Bricks for Green Building Application". The faculty in-Charge for the project is Dr. Y. Balto, Assistant Professor/Department of mechanical Engineering, Moreover the students have paid Rs 2000/- in the college office on 16/03/2023 for utilization of laboratory
- Dr. Ananth Rajkumar was selected as the 1st level doctoral Investigator by the Mechanical Department of University of Aveiro, Portugal, Europe. He is presently working with the research group and will be there in Portugal until June 2023 for this research project. During this visit, he plans to work in the research areas namely, "Development of Plastronics using InMould Electronics", "Development of Biodegradable Composites" and "Carbon-nanotubes based Composites". As a part of this research work, the development of Biodegradable Composites is carried out in St. Xavier's Catholic College of Engineering and the research members involved are Dr. Ajith.J.Kings and Dr. Gerald Arul Selvan. The two universities have already signed an MOU and as a result of it a Conference paper titled "Development of Statistical Model and Experimental Validation of Mechanical Behavior of Fragrant Screwpine Fiber Reinforced Polyester" is submitted to the "TECHMA2023 – 6th International Conference on Technologies for the Wellbeing and Sustainable Manufacturing Solutions" is going to be held 25th and 26th May 2023 in University of Aveiro, Portugal, Europe

CONSULTANCY WORK

EDITORS

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