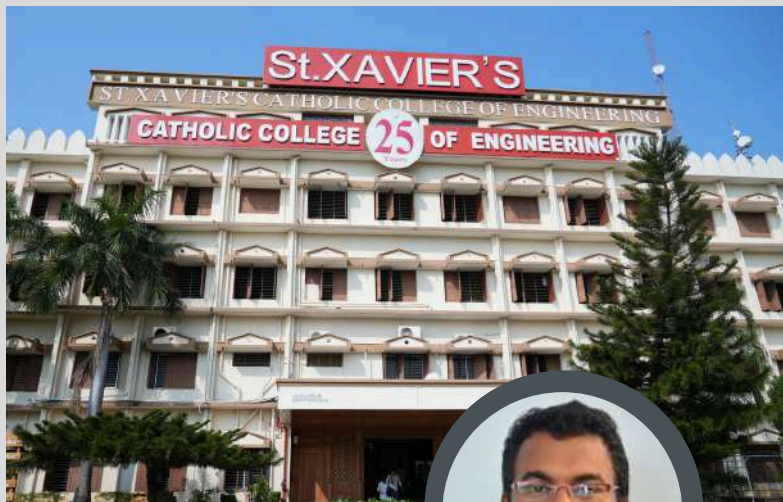# ST. XAVIER'S CAMPUS CONNECT

Vision

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

Mission

To transform the (rural) youth into top class professionals and technocrats willing to serve local and global society with ethical integrity, by providing vibrant academic experience of learning, research and innovation and stimulating opportunities to develop personal maturity and professional skills, with inspiring and high caliber faculty in a quality and serene infrastructural environment.

CORRESPONDENT'S MESSAGE

by Rev. Fr. S. Godwin Selva Justus

Dear SXCCE family, greetings to you!

It is my pleasure and honor to be connected with you through this magazine 'Campus Connect'. I first of all appreciate all the departments, their Deans, HODs, Faculties and the students for being enthusiastic, vibrant and up-keeping through various activities. The world is growing with technologies. The philosopher Heraclitus says, "One cannot step into the same river". Yesterday's world is not found today. The world is born new every day. Therefore it is the need of the hour that we keep running. The world does not expect the old wine in the new jar, but a new wine in a new jar.

Dear students, you are a new generation. Your starting point is ever new unlike the older generation. You are expected to be innovative in your respective departments. Your initiatives must take this world into another level. You are specially called to take this humankind into digitally equipped, mentally abreast and spiritually rooted. Your specialization in your department will bring glory to your life in particular and the world at large.

I express my gratitude to 'Uarthum Karnagal' for conducting seminar, cultural events, my regards to the participants. It is also my pleasure to appreciate ATC for the special camp arranged for the students. Let our hats off for the participants and the winners. Every department has taken initiatives in arranging special programmes in the form of seminar, visit to various places connected with studies. I applaud that the topics chosen for the interactive seminars are very relevant and educating the minds of the youngsters. Techmindz competition in the placement activities, proper planning in the COE, mathematical calculations using excel sheet in the Maths Club, the project expo by EEE, the NCC Day celebration, drug awareness programme by the Red Cross, an orientation programme about the Gate Exam by CSE, Dr. Beula David's seminar on 'Achieving Problem Solution Fit and Product Market Fit, Anti Gender Harassment Committee's awareness program on 'Drug and Social Media' are the highlights in the campus connect.

Our SXCCE specially congratulates the following eminent personalities , Mr. Abraham Siyon Singh, Dr. M. Marcelin Beno for publishing a paper in IETE Journel, Dr. Suja A. Alex for editing four articles and reviewing in SCI journal; Mrs. J.S. Simi Mole and Dr. R.S. Shaji for presenting a paper in a conference ICITSS 2024 conducted by the J.P College of Engeneering.

May the Good Lord Bless Our SXCCE Family!

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Upcoming Events

- BoS Meeting - CSE, IT, AI & DS and MCA - 14.06.2024
- BoS Meeting - EEE - 18.06.2024
- Seminar on OBE based Curriculum Design and Introduction to New SAR(NBA Tier I) - 29.06.2024

PRINCIPAL'S MESSAGE

by Dr. J. Maheswaran

I congratulate the efforts taken by the faculty members of the Editorial team of our Newsletter.

I take this opportunity to congratulate the students and faculty members completed NPTEL online courses successfully in March and April 2024 exams. My congratulations to students who are bringing laurels to our Institution.NBA compliance inspection was over and hope we will get the extension of validity for three more years soon.Hope our application for increase in intake for BE - CSE and AI & DS will be sanctioned soon.

The end semester exam for third and fourth year UG was over and all upcoming final year students are attending Internship in reputed Companies and Organisations.Congrats to them.

All the very best.

EVENTS

NBA COMPLIANCE INSPECTION

NBA compliance inspection for the three UG programmes **Civil, CSE and IT** was held on 11-05-2024 from 9:00 am to 4:30 pm. Three experts verified all the documents relevant to the NBA Compliance Report.

The **St. Xavier's Meritorious Graduate Award for School Students** was introduced during the silver jubilee finale to honor the SSLC and HSC students, who score the first two places (marks) among the students of the particular parish in SSLC and HSC board exams (Tamil Nadu), of both Kuzhithurai and Kottar Dioceses. Under this scheme, the award has been given to the meritorious students of **Good Shepherded Church, Velliyavillai,** and **St. Rita's Church, Ritapuram,** in the month of May, 2024.

STUDENTS ACHIEVEMENTS

Uyarthum Karangal conducted the Summer Cultural Fest 2024 in M.D.B Community Hall on 04/05/2024 from 10:30 A.M to 9:00P.M. St.Xavier's Catholic College of Engineering won the overall **Championship and also the more participants won more award.** They conducted competitions like Group Dance,Solo Song and Drawing. **S.Gopika,Abinesh .M.Raj,Sherin .A, Aarthi M.A,Anto Jeffrin F,Amirtha M.R,Anto Joncy,Sergin and Ashika** from IT,CSE ,EEE,ECE and Mechanical Departments won the first prize for Group Dance. **Aarthi M.A from** Second CSE won first prize in Drawing. **Jelesha I.J** from Third CSE won First Prize in Solo Song and **Parishith** from Final ECE won Second Prize in Solo Song.

- The ATC camp started on 1st May 2024 with the total strength of 500 cadets which includes 15 SD and 10 SW cadets from our college.The Opening Address was delivered by Camp Comdt Col C P Unni Krishnan on 2nd May 2024. Daily early morning Physical Training was given to all cadets. Drill with and without weapon were conducted to all cadets. All cadets got opportunity to fire using .22 rifle. Daily evening cultural events were performed by our energetic young cadets. Cadet **Heleena John** got first prize in Solo dance competition and L/Cpl **Ruthraji** got second prize in Solo song competition. Our cadets also participated in Volley ball and Kho Kho competitions and got prizes.

- **128 students of first year** have completed the course Python (3.4.3) conducted by spoken tutorial IIT Bombay.

ACADEMIC ACTIVITIES

The REACH Association, Department of Civil Engineering, organized a **Faculty Development Programme on Role of BIM in construction Industry** on 23/05/2024 in Civil Computer Lab.The resource person was Mr. R. Selvaraj, Manager, CAD Desk, Nagercoil. Around 18 faculty members participated in the FDP. The resource person explained the various dimensions of BIM and their applications in construction industry. The softwares used for various dimensions were also explained. The advantages of using BIM in construction industry was explained with case studies. A demonstration on virtual reality was given to the faculty members. Finally the session ended with feedbacks of the faculty members.

The department Association of AI&DS organised a seminar on **Notion Software** on 17.05.2024. About 59 students and 3 faculty members participated in it. The resource person is Mr. N. ThanuSiva, Student, II AI&DS, SXCCE.The main objective is to create awareness and enrich their knowledge in emerging technology. The resource person explained the Anatomy of Notion its importance and usage in daily life. He explained the formatting option, linking the page with database and structuring the content with pages and blocks. His interactive session was enjoyed by the students and was able to work with notion for organizing the routine tasks.

An Awareness program on **Ethical Hacking** was organized on 02.05.2024 at CAD Lab, Mechanical Engineering aiming to educate second year mechanical engineering students about the fundamentals of ethical hacking, its importance in the current digital landscape, and the ethical responsibilities of ethical hackers. The Seminar on Ethical Hacking successfully achieved its goals of educating participants about the critical role of ethical hacking in modern cybersecurity.

- The second year IT students (57 students and 3 staff members) went for an **Industrial Visit to Nuclear Power Plant,** kudankulam on 3rd May 2024.
- The first year ECE-A, ECE-B, IT, AIDS, EEE, CIVIL, MECH-A, MECH -B classes underwent an industrial visit on 03/05/2024 and 07/05/2024 to **Vikram Sarabai Space and Science Centre and KSSSM**, Trivandrum. Around 365 students along with 19 faculty members went for the IV. The students were explained by the different types of satellites and launch vehicles. Then the students went to Planetarium, a specially designed theater with a domed ceiling where they watched the realistic image of the night sky, the origin of stars, planets, and constellations.

PLACEMENT ACTIVITIES

PLACEMENT DAY CELEBRATION

Offer letter distribution Ceremony was celebrated on 09.05.2024 at 9.30am. Dr.T C Jermin Jeaunita M.E., Ph.D, Managing Director, Rooks and Brooks Technologies Pvt Ltd was the Chief Guest on that day. Rev. Fr. Dr.M Maria William delivered the presidential address. Mr. M.Anto Xavier Roche, Dean - SFS, read the report involving one year activity of Training and Placement Cell. Dr. J Maheswaran, Principal and Dr. V. Christus Jeya Singh, Vice-Principal facilitated the successfully placed students. Offer letters were distributed to all the placed students. Students who received the top three highest salary packages were honored. Among 430 placed students around 150 students participated in this offer letter distribution ceremony.

TechMindZ 3.1 competition

The Training & Placement cell organized TechMindZ 3.1 a competition in "Verbal Ability, Quantitative Aptitude & Coding skills" for II year B.E / B.Tech (CSE, IT, CIVIL, AI&DS, ECE, EEE, MECH, MBA and MCA), students on 3rdMay, 2024. 250 students participated in this training.

- **Amadis Technologies**- On Campus Placement Drive was conducted for B.E/B.Tech – All Depts. & MCA M.E – All departments on 03.05.2024. Eligibility criteria was 60% and above in 10th, 12th and in degree. Salary package is Rs.2.4 to 3.0 lakhs per annum (CTC). The final results are yet to be confirmed.

- **Jasmine Infotech Pvt.Ltd**.- Virtual On Campus Placement Drive was conducted for B.E/B.Tech – CSE, IT, ECE & EEE on 08.05.2024. Eligibility criteria was 70% and above in 10th, 12th and in degree. Salary package is Rs.3.25 lakhs per annum (CTC). The final results are yet to be confirmed.

- **Tech Mahindra** - On Campus Placement Drive was conducted for B.E/B.Tech CSE, IT,ECE EEE & MCA on 10.05.2024. Eligibility criteria was 70% and above in 10th, 12th and in degree. Salary package is Rs.3.25 lakhs per annum (CTC). The final results are yet to be confirmed.

- **Hexaware Technologies** (PGET 2024 Campus Hiring Program)- Virtual On Campus Placement Drive was conducted for B.E/B.Tech – CSE, IT, ECE & EEE. & MCA M.E – All departments on 30.05.2024. Eligibility criteria was 60% and above in 10th, 12th and in degree. Salary package is Rs.6.0 lakhs per annum (CTC) Stipend of Rs.25,000 per month for 3 months. The final results are yet to be confirmed.

COE ACTIVITIES

Nov./Dec. 2023 Phase-II Examinations

Nov./Dec. 2023 Phase-II revaluation results of first semester M.E., M.B.A. and M.C.A. were published on 08-05-2024.

April/May 2024 Phase-I Examinations

April/May 2024 Phase-I practical examinations of B.E./B.Tech. R-2021 and R-2017 sixth and eighth semester Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Information Technology and Mechanical Engineering were conducted from 06-05-2024 to 15-05-2024.

April/May 2024 Phase-I theory examinations are being conducted from 21-05-2024 to 14-06-2024.

April/May 2024 Phase-II Examinations

April/May 2024 Phase-II practical examinations for R-2022 second and fourth semester B.E./B.Tech., M.E., M.B.A. and M.C.A. are scheduled to be conducted from 18-06-2024 to 24-06-2024.

April/May 2024 Phase-II theory examinations are scheduled to be conducted from 01-07-2024 to 22-07-2024.

CELL ACTIVITIES

Maths club organized a One Day Workshop on **Mathematical Calculations Using Excel Sheet** on 25.05.2024.The primary objective of this one-day workshop was to provide students with a comprehensive understanding of Excel sheet calculations. Dr. R. Jemila Rose, the esteemed resource person, eloquently elucidated the fundamentals and practical applications of Excel sheets in a manner accessible to all participants.

The **Project Expo 2k24** was organized by the IEEE Education Society Student Branch Chapter – 62851 of St. Xavier's Catholic College of Engineering with the support from IEEE MAS Education Society and IEEE MAS Photonics Society Chapters on 8th April 2024. The theme of the expo was "Leveraging Technology for a better tomorrow". Mr. P. R. Vishnu, IT Analyst at TCS, graced the event as Chief Guest and shared insights and experiences as an IEEE member and shared a few points about the expo.

NCC Day was celebrated in our college on 14-05-2024. CUO Shymona welcomed the gathering. ANO Maj. S.Edwin Gladson presented the report of NCC activities for the year 2023-2024. As per the direction of Col C P Unnikrishnan, Officer Commanding, 11 (TN) BN, NCC, Nagercoil, Sub Maj Bhamar Singh attended as the Chief Guest. the Correspondent Rev.Dr.M.Maria William presided over the function. Principal Dr.J.Maheshwaran gave a special address and appreciated the cadets. Nb Sub Krishna Moorthy felicitated the gathering. During the function prizes were distributed to the deserved cadets. CUO Jino S S proposed the vote of thanks. MC role was done by CSUO Mukesh Kumar.

Drug Awareness Program was conducted on 10.04.2024 to create awareness among college students. The programme started with a brief introduction by Dr. N. Sheen Kumar, Faculty Advisor, Youth Red Cross, about the session and the chief guest.. Mr. Kanakaraj, Sub Inspector of Police was invited as the chief guest for creating awareness on the ill-effects of drug and alcohol conception.

An orientation session on GATE exam was conducted for the Second year CSE-A students on 03-05-2024 from 1:00 PM to 2:30 PM. Dr. A. Jegatheesh, Managing Director of ALC Academy, Nagercoil was the resource person.

On 02.05.2024,the **valedictory function** served as a testament to the unwavering commitment of the IEEE community towards excellence, innovation, and societal impact.Chief Guest, Mr. Aravindhan Anbazhagan, a prominent figure in the Board of Governors for IEEE Professional Communication Society kicked off with a captivating seminar titled "Ten Soft Skills for Every Engineer and How to Build Them".

On 01.05.2024,Dr. D. Beulah David, a renowned expert in product development and innovation, led an engaging and informative seminar on the topic of "**Achieving Problem-Solution Fit and Product-Market Fit**.By the end , attendees will be equipped with the knowledge and tools necessary to navigate the complexities of achieving problem-solution fit and product-market fit with confidence.

Anti Gender Harassment Committee organized an awaremess program on **Drug & Social media** on 17.05.2024.. The resource person gave a detailed description on various situations which makes a person to use drugs and the ways by which how a drunkard person can come out of that situation. He also gave live examples to show the effectiveness of his teaching to get ride of that issues.

Journal Article Published

M Abragam Siyon Sing, Dr.M Marsaline Beno, published a paper titled "Energy Consumption Analysis and Management Strategies for the Dairy Farm in India Towards Sustainable Development" IETE Journal of Research, Taylor & Francis,May 2024, pp. 1-12

As A Resource Person

- **Dr. M. Marsaline Beno,** Dean, Research acted as a resource person for Energy Audit&Green Audit at Annai Velankanni College of Engineering, KK Dist on 03/05/2024.
- **Dr. M. Marsaline Beno,** Dean, Research conducted a Career Guidance for 9 to 12 Students at MALAR on 11/05/2024.
- **J.S. Simi Mole** acted as the Jury Member in SUMMER FESTCOMPETITIONS- 2024 (Inter School and College Competitions)supported by Uyarthum Karangal and Bizzy Bee on 04/05/2024.

Editor of FGCS Journal:

- Dr. Suja A. Alex, Assistant Professor, Department of Information Technology handled four

articles as an Editor of " Future Generation Computer Systems"(FGCS) Journal (IF:7.5), Elsevier during May 2024.

Reviewer Recognition:

Dr. Suja A. Alex, Assistant Professor, Department of Information Technology reviewed articles for the following SCI Journals:

- International Journal of Machine Learning and Cybernetics, Springer Nature on 1 st May 2024, IEEE Access, IEEE on 15 th May 20224, 22 nd May 2024 & 29 th May 2024, Applied Soft Computing Journal, Elsevier on 20 th May 2024 & 25 th May 2024, Heliyon, Elsevier on 23 rd May 2024 & 29 th May 2024,Neural Computing and Applications, Springer on 24 th May 2024, Journal of Intelligent & Fuzzy Systems, IOS Press on 25 th May 2024, Expert Systems with Applications, Elsevier on 29 th May 2024, Microsystem Technologies, Springer Nature on 30 th May 2024.
- **J.S.Simi Mole and Dr.R.S.Shaji** Presented a paper in the Conference ICITSS2024 conducted By J.P.College of Engineerng ,Thenkasi.Title:Ethereum Blockchain based Electronic Health Record Management system ensuring effective security measures and patient management system. ISBN Number:978-81-9647-51-83

AWARDS

- Dr. J. Annrose was recognized as Active local chapter SPOC from Nptel for the period Jan-April 2024. Also, she received the Nptel discipline star for taking up more than 50 weeks of course in computer science discipline with the grade not less than 55.
- 308 students and staff from our college successfully completed NPTEL online courses during the perod of January to April 2024 with 4 toppers, 3 Gold Medal and 39 silver medals.

EDITORS

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