

St.Xavier's Campus Connect



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

Chunkankadai, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

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

Vision

To be an institution of eminence in optimal human development, providing excellent engineering education and pioneering research towards creating a technically empowered and humane society

Mission

To transform (rural) youth into top-class professionals and technocrats, committed to serving both local and global society with ethical integrity, by: Offering a vibrant academic experience of learning, research, and innovation. Creating stimulating opportunities for personal maturity and professional skills. Nurturing students with inspiring, high-caliber faculty. Providing quality infrastructure in a serene environment.



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CORRESPONDENT'S MESSAGE

Rev. Fr. S. Godwin Selva Justus

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

I am delighted to connect with you through this edition of Campus Connect. It was a matter of great pride and joy to welcome our distinguished alumnus, Er. P. Merlin Kumar, M.E., Scientific Officer-G and Senior Maintenance Engineer (E), Kudankulam Nuclear Power Project, as the Chief Guest for our recent graduation day programme. His presence stands as a testament to the achievements of our alumni and serves as an inspiration to our students.

As our institution completes twenty-eight years of dedicated service in engineering education, we take pride in having produced a large number of engineers who are contributing significantly across the globe in reputed organizations. In this context, it is essential that Heads of Departments and faculty members maintain close ties with our alumni and invite them to participate in institutional events. Such interactions not only showcase the growth and accomplishments of our institution but also motivate our students to aspire to similar heights.

Faculty members may also collaborate with alumni to facilitate industrial visits, internships, and industry exposure opportunities for our students. Strengthening our alumni chapters through meaningful activities will undoubtedly contribute to institutional development and benefit future generations.

As an English-speaking campus, we are committed to enhancing communication skills among our community members. To support this initiative, we have established a Language Laboratory equipped with a new AI-based software tool designed to improve language proficiency and fluency. A structured schedule may be developed for both teaching and non-teaching staff to make effective use of this facility. It is our earnest hope that all members of the St. Xavier's family, including supporting staff, will actively engage in communicating in English, thereby creating an environment that encourages students to do the same.

The St. Xavier's family gratefully acknowledges the dedicated service rendered by our recently retired staff members. We sincerely appreciate their commitment, hard work, and invaluable contributions toward the growth and development of our institution. We also fondly remember our former Bursar, Rev. Fr. Xavier Raj, for his unwavering support and guidance. Let us continue to keep them in our prayers and remain connected with them during both joyful and challenging moments of their lives.

In the academic year 2026–2027, we are introducing a new regulation in our curriculum. Faculty members are encouraged to familiarize themselves with the revised framework and prepare students to become industry-ready professionals. Our teaching–learning practices should continually evolve in alignment with the expectations of globally leading industries and emerging trends.

As we embark upon this new academic year, let us strive together for excellence in every endeavor and continue our journey toward greater achievements.

PRINCIPAL'S MESSAGE



Dr. J. Maheswaran

It is my duty to congratulate the Editorial team members of our Newsletter for bringing out this issue successfully. The successful conduct of the 24th Graduation Day was a proud moment for our institution, celebrating the accomplishments of our graduates. The inauguration of the Communication Skills Laboratory reflects our commitment to providing quality education and enhancing students' professional competencies.

I appreciate the efforts of all departments in conducting the Board of Studies meetings and contributing to the development of the R2026 curriculum and syllabi. Various Faculty Development Programmes and academic activities enriched the knowledge and skills of our faculty members.

We also express our gratitude to the retiring faculty and staff members for their dedicated services and invaluable contributions to the institution. I congratulate our faculty members for their achievements in research, publications, patents, and professional activities.

Let us continue to work together with dedication and enthusiasm towards academic excellence, innovation, and holistic development.

Events Organized

24th Graduation Day Celebration

St. Xavier's Catholic College of Engineering, celebrated its 24th Graduation Day on 2nd May 2026 at 10.00 a.m. in the St. Carlo Acutis Auditorium, Bishop Leon Block. The function commenced with Tamil Thai Vazhthu and Invocation, followed by the formal commencement of the Graduation Ceremony. The gathering was welcomed with a Welcome Address, after which the College Activities Report highlighting the achievements and milestones of the institution was presented. The ceremony was presided over by Most Rev. Dr. Albert G.A. Anasthas, Bishop of Kuzhithurai Diocese and Chairman of the College. He conferred the degree certificates upon the graduates and addressed the gathering with words of encouragement and guidance. The Chief Guest for the occasion was Er. P. Merlin Kumar, M.E., Scientific Officer-G and Senior Maintenance Engineer (E), Kudankulam Nuclear Power Project, Nuclear Power Corporation of India Limited, Kudankulam. He delivered the Graduation Address, inspiring the graduates to uphold professional ethics, pursue lifelong learning, and contribute meaningfully to society through their knowledge and skills. A significant highlight of the event was the honouring of University Rank Holders and Ph.D. holders for their outstanding academic accomplishments. Degree certificates were then distributed to the graduates from various disciplines.

The ceremony concluded with the administering of the pledge to the graduates, followed by the honouring of the Chairman and the Chief Guest. The function was formally dissolved, and the National Anthem was sung. The event witnessed the enthusiastic participation of graduates, parents, faculty members, administrative staff, and distinguished guests. The 24th Graduation Day was a memorable occasion that marked an important milestone in the lives of the graduates and reflected the institution's commitment to academic excellence and holistic development.

The Communication Skills Laboratory was inaugurated on 02/05/2026 by His Excellency Most Rev. Albert G.A. Anastas in the presence of the Correspondent, Principal, Governing Council Members, Deans, HODs, faculty members, and students. In his address, His Excellency highlighted the importance of communication skills for students' career growth and appreciated the institution's initiative in establishing the modern laboratory. The Correspondent and Principal emphasized the college's commitment to providing quality education and advanced learning facilities. The laboratory is equipped with modern audio-visual facilities to enhance students' listening, speaking, reading, and writing skills effectively.



Communication Skills Laboratory
inauguration held on 02/05/2026

24th Graduation Day Celebration



Success is focusing the full power of all you are on what you have a burning desire to achieve – Wilfred Peterson

Send-Off and Retirement

Send-Off



Rev. Fr. R. Xavier Raj
Financial Administrator
01.06.2024 – 31.05.2026



Dr. S. Jerold Xavier
Assistant Librarian
01.08.2003 – 30.06.2026



Mr. G. Maria Winson
Office Assistant
28.09.1998 – 31.05.2026



Dr. D. Jeraldin Auxillia
Professor/ECE
13.08.2004 – 31.05.2026

Retirement



Ms. M. Michael Rani
Skilled Assistant/Civil
01.07.2002 – 31.05.2026



Dr. D. Mary Mettalin
Associate Professor, H&Sc
02.07.2007 – 31.05.2026

St. Xavier's Catholic College of Engineering organized a Retirement and Send-Off Function on 23 May 2026 at 1.30 p.m. in the SXCCE Conference Hall to honor the retiring faculty and staff members for their dedicated service to the institution. The function commenced with a thanks giving mass followed by welcome address, setting a warm and respectful tone for the occasion. Members of the management and faculty paid tribute to the retirees, highlighting their invaluable contributions to academic excellence, institutional development, and student welfare. Special appreciation was extended to Rev. Fr. R. Xavier Raj, Financial Administrator; Dr. D. Jeraldin Auxillia, Professor, Department of ECE; Dr. D. Mary Mettalin, Associate Professor and Head, Department of Mathematics; Dr. S. Jerold Xavier, Assistant Librarian; Mrs. M. Michael Rani, Skilled Assistant, Civil Engineering; and Mr. G. Maria Winson, Office Assistant. Colleagues shared memorable experiences and expressed gratitude for the retirees' commitment, dedication, and guidance over the years. The management honored the retirees with mementos and tokens of appreciation as a mark of recognition for their outstanding service. In their response, the retirees conveyed heartfelt thanks to the management, colleagues, and students for their support and cooperation throughout their careers. The programme was filled with emotions, fond memories, and best wishes for the future. It served as a fitting tribute to the retirees and celebrated their lasting contributions to the institution. The function concluded with a vote of thanks, followed by refreshments and fellowship among the participants.

Success usually comes to those who are too busy to be looking for it – Henry David Thoreau

Send-Off and Retirement



DEPARTMENT ACTIVITIES

Management Studies

EIGHT BOARD OF STUDY

The Eighth Board of studies meeting of Management studies was started with a prayer at 10.00 am in the MBA Lab, SXCCE, on 6th May, 2026. Mrs. S. Jasmine Suguna, Assistant Professor welcomed the gathering. The BOS Chairman, Professor Dr. V Darling Selvi, Faculty of Management studies started presenting the previous meeting minutes and conveyed the suggestions and recommendation of the seventh academic council. Followed with that the Chairman presented the first two semester's curriculum and syllabi of R2026 in front of the experts for their valuable suggestions and recommendations. The external members of the board are Dr.G. Muruganatham, Anna University Nominee, NIT, Trichy, Subject experts, Dr.Jaisankar S, Professor and Head, School of Management, Sri Krishna College of Engineering and Technology, Coimbatore, Dr. P S Nagarajan, Professor, Alagappa Institute of Management, Karaikudi, and Mr. Ashok Pascal Raj, Founder-Zynerd, Chennai, Industry Expert. The Principal Dr. J Maheswaren, Vice Principal, Dr.V. Christus Jeya Singh, Dr. R.P. Anto Kumar, Academic Dean, Dr. C. Seldev Christopher, Associate Academic Dean and the department faculties have attended the meeting and given their valuable suggestions for the fine tune of R2026 curriculum and syllabi. The Principal Dr. J Maheswaren, thanked all the Members who have participated in the Eighth Board of Studies. The meeting ends at 12.10 pm.



Eighth Board of Studies meeting for Management Studies held on 06.05.2026

AI&DS

The Board of Studies (BoS) meeting of the Department of Artificial Intelligence and Data Science was held on 12.05.2026 from 10:00 a.m. to 12:30 p.m. at Einstein Seminar Hall. The meeting was chaired by the Head of the Department and attended by internal and external members. Various academic matters, including curriculum enrichment, syllabus revisions, course outcomes, and departmental development activities, were discussed and approved for implementation.



Eighth Board of Studies meeting for Artificial Intelligence and Data Science held on 12.05.2026

EEE

Eighth Board of Studies meeting for Electrical and Electronics Engineering held on 13.05.2026

The Eighth Board of Studies (BoS) Meeting of the Department of Electrical and Electronics Engineering (EEE) was held on 13 May 2026 from 10:30 a.m. to 2:00 p.m. in the EEE Department Seminar Hall. The meeting commenced with a prayer by Ms. S. Shiny, Assistant Professor/EEE. The members were warmly welcomed by Dr. J. Merry Geisa, Head of the Department, EEE. The Head of the Department presented the minutes of the Seventh Board of Studies Meeting along with the Action Taken Report on the recommendations and suggestions made during the previous meeting. The corrections incorporated in Regulation 2026, as suggested in the Seventh BoS meeting, were reviewed and approved by the Board members. Subsequently, Dr. J. Merry Geisa presented the first-semester courses, course outcomes, and detailed draft syllabi for the undergraduate programme. The postgraduate curriculum and syllabus were presented by Dr. S. V. Kayalvizhi, Assistant Professor/EEE. The following expert members participated in the deliberations and offered valuable suggestions for strengthening and enriching the undergraduate and post graduate curriculum: Dr. M. Saravanan, Professor and Head, Department of EEE, Thiagarajar College of Engineering, Madurai (Anna University Nominee), Dr. M. P. Selvan, Professor, Department of EEE, National Institute of Technology, Tiruchirappalli (Academic Expert), Dr. D. R. Binu Ben Jose, Professor, VIT Chennai (Academic Expert), Dr. J. Aran Glenn, Manager – Charger Systems, Vehicle Engineering Department, Bengaluru (Industry Expert), Er. Snow J. Steggela, Assistant Engineer, Udangudi Super Critical Thermal Power Project, Kallamozhi (Alumnus). The members proposed several significant curriculum-related enhancements for the undergraduate and post graduate programme. Dr. J. Maheswaran, Principal, provided valuable guidance on revising the undergraduate curriculum and appreciated the expert members for their constructive suggestions. Dr. R. P. Anto Kumar, Dean (Academics), also contributed valuable inputs towards further improving the curriculum. The meeting concluded with a vote of thanks proposed by Dr. Germin Nisha, Associate Professor, EEE, expressing gratitude to all members for their active participation and valuable contributions.

CSE & Civil

- The 8th meeting of the Board of Studies for CSE department was conducted on 12-05-2026
- The 8th meeting of the Board of Studies for civil department was conducted on 19-05-2026

ECE

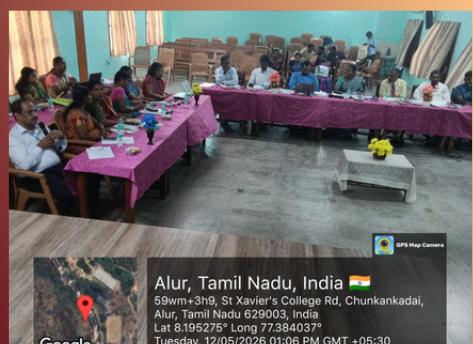
The Eighth Board of Studies (BoS) meeting for the Department of ECE was held on May 09, 2026, at 10:30 a.m. in the Tesla Hall. All faculty members of the department attended, joined by an Anna University nominee, two Subject experts, an industry representative, and a distinguished alumnus. The meeting commenced at 10.30 a.m. with a prayer by Dr.S.Maria Seraphin Sujitha, AP/ECE. Dr.T.Ajitha, AP/ECE, warmly welcomed the members. Dr. S. Caroline, Head of the Department of ECE, presented the detailed Curriculum (I to VIII semesters) and Syllabus for first and second semester UG programme for R2026. Dr.T.Latha, co-ordinator of M.E. Communication Systems outlined the curriculum and syllabi for the first year of the M.E Communication Systems programme (R2026). Dr. S.Mary Vasanthi, co-ordinator of M.E. Medical Electronics outlined the curriculum and syllabi for the first year of the M. E Medical Electronics programme (R2026), Dr.Y.R.Annie Bessant, co-ordinator of M.E. VLSI Design outlined the curriculum and syllabi for the first year of the M.E VLSI Design programme (R2026). All the BoS members offered their valuable suggestions, and the meeting concluded with a vote of thanks delivered by Dr. C.Renit, AP/ECE.



Eighth Board of Studies meeting for Electronics and Communication Engineering held on 09.05.2026

MCA

The Board of Studies Meeting of the Department of MCA was conducted on 12 May 2026 in the Board Room from 10:30 AM to 1:00 PM. The members reviewed the proposed syllabus under Regulation R-2026 and suggested several improvements. Key recommendations included updating HTML 5.0 in relevant courses, incorporating Power BI and Tableau in Data Science and Visualization and reducing overlap between the bridge course and core programming subjects. The Board also emphasized the use of licensed software tools in the Software Testing Laboratory. The meeting concluded with the recommendation that these suggestions be incorporated to enhance the quality, relevance, and effectiveness of the curriculum.



Eighth Board of studies meeting for MCA held on 12.05.2026

Autonomous Sub-Committee meetings

The Autonomous Sub-Committee meetings were conducted as follows:

- Anti-Gender Harassment Committee-30.4.2026
- Grievance Redressal Committee-28.4.2026
- Student Affairs Committee- 30.4.2026
- College Development Committee- 29.4.2026
- Disciplinary Committee-22.4.2026
- Purchase Committee-27.4.2026
- Faculty & Staff Development Committee-29.4.2026
- 8th Finance Committee meeting - 13.06.2026

Success is how high you bounce when you hit bottom – George S. Patton

Faculty Development Program

A Faculty Development Programme (FDP) on “Smart Manufacturing and Industry 4.0” was conducted from 18.05.2026 to 23.05.2026 as an enrichment activity. The programme focused on emerging technologies driving the fourth industrial revolution, including Artificial Intelligence (AI), Internet of Things (IoT), automation, robotics, cloud computing, cyber-physical systems, and data analytics. Sessions were delivered by resource persons from IITs and leading industries, providing participants with both academic and industry perspectives on smart manufacturing practices. The FDP emphasized digital transformation, process optimization, predictive maintenance, intelligent production systems, and data-driven decision-making. Participants gained valuable insights into current industrial trends, research opportunities, and real-world applications of Industry 4.0 technologies, enhancing their technical knowledge, innovation capabilities, and readiness to address modern manufacturing challenges.

The Department of Civil Engineering, under the banner of the REACH Association, successfully organized a Six Days Online Faculty Development Program (FDP) on “Recent Advances in Sustainable and Smart Concrete Technologies” from 25th May 2026 to 30th May 2026 through Google Meet. The program was inaugurated by Dr. J. Maheswaran, Principal, who emphasized the need for adopting sustainable and innovative practices in Civil Engineering to meet future infrastructure demands. Dr. J. Jerlin Regin, Professor and Head, Department of Civil Engineering, welcomed the gathering and outlined the objectives of the FDP, highlighting the growing importance of sustainable construction materials, environmental responsibility, and emerging technologies in modern engineering practice. The technical sessions commenced on 25th May 2026 with Dr. John Robert Prince M, Professor, St. Thomas College of Engineering and Technology, Chengannur, delivering a lecture on “Recycled Aggregate Concrete.” On 26th May 2026, Dr. J. Sahaya Ruben, Professor and Head, Rohini College of Engineering and Technology, presented an insightful session on “Sustainable Construction Practices – Recycled Concrete.” On 27th May 2026, Dr. N. Anand, HOD/Civil Engineering and Chief Engineer, Karunya University, Coimbatore, delivered a talk on “Life Cycle Assessment and Sustainability in Construction,” emphasizing the environmental impact assessment of construction projects throughout their life cycle. On 28th May 2026, Dr. M. Murugan, Assistant Professor, Government College of Engineering, Tirunelveli, handled the session on “Sustainable Cementitious Composites using LC3 and Biochar: Opportunities and Challenges,” discussing innovative low-carbon construction materials and their practical applications. On 29th May 2026, Dr. Danie Roy A. B., Associate Professor, Thapar Institute of Engineering and Technology, Patiala, delivered a lecture on “Fundamentals of Cement Concrete: Fresh and Hardened Properties,” providing a comprehensive understanding of concrete behavior and performance. The FDP concluded on 30th May 2026 with a session on “Microstructural Depiction of Concrete” by Dr. M. Indhumathi, Associate Professor, Ramco Institute of Technology, Rajapalayam, who elaborated on the relationship between concrete microstructure and its strength and durability characteristics. The FDP served as an excellent platform for knowledge sharing and professional development, enabling participants to gain valuable insights into sustainable construction materials, advanced concrete technologies, and contemporary research trends. The program concluded successfully with enthusiastic participation and positive feedback, reflecting its relevance and contribution to the advancement of knowledge in sustainable and smart concrete technologies.

CoE ACTIVITIES

April/May 2026 Examinations

- April/May 2026 end semester practical examinations were conducted from 29-04-2026 to 14-05-2026.
- April/May 2026 end semester theory examination is being conducted from 19-05-2026.
- M.E. phase-II project viva-voce examination is scheduled to be conducted on 24-06-2026.
- M.B.A. project viva-voce examination is scheduled to be conducted from 22-06-2026 to 25-06-2026.
- M.C.A. project viva-voce examination is scheduled to be conducted from 24-06-2026 to 29-06-2026.

Meritorious Scholarship Award

St. Xavier's Meritorious Graduate Award for School Students was presented to the following parishes: St. Joseph Church - Kamplar, St. Lourthu Church - Allanvilai, St. Joseph Church - Manchadi, Church of Our Lady of Annunciation - Kattuvilai, Our Lady of Fathima Church, Fathima Church - Kallukootam, Immaculate Heart of Mary Church - Amsi, Church Sacred Heart of Jesus - Iruthayapuram, St. Antonys Church - Kappukaud, Our Lady of Perpetual Success - Sahaya Nagar, Annai Velankanni Church - Irenipuram, Church of St. George- Thalavaipuram, Church of Our Lady of Periyannayagi - Thiruvithancode, St. Antony's Church - Thundathuvilai, Good Shepherd Church - Velliavilai, Mount Carmel Church - Kolvel, St. George Church - Pilavillai, Cathedral of the Holy Trinity- Trituapuram, St. Antony's Church - Appattuvilai



St. Xavier's Meritorious Graduate Award at Church of Our Lady of Annunciation - Kattuvilai



St. Xavier's Meritorious Graduate Award at Immaculate Heart of Mary Church - Amsi

Staff Achievements

JOURNAL PUBLICATION

- Dr. M. Marsaline Beno and Mr. Lalin L. Laudis “Speech Signal Based Diagnostic Framework for Parkinson’s Disease Classification using Particle Swarm Optimization” in the International Journal of Engineering Research & Technology (IJERT), Volume 15, Issue 02, May 2026.
- Simi Mole J.S, Shaji R.S, "Reducing the flow of counterfeit medicinal products in the pharma supply chain using blockchain network integrated with IOT", Opsearch, Springer, Published on May 8th 2026. [https : doi.org/10.1007/s12597-026-01183-1](https://doi.org/10.1007/s12597-026-01183-1).
- Mrs. Jasmin Mary and Dr. M. Marsaline Beno “Hybrid Swin-GNN Framework for Automated Diabetic Retinopathy Detection” at the 3rd International Conference on Innovations and Advances in Cognitive Systems (ICIACS 2026) held at Kangeyam Institute of Technology, Tamil Nadu, on 26th May 2026.

PATENT

- Mr. Lalin L. Laudis and Dr. M. Marsaline Beno successfully published an Indian Patent titled “A System and Method for Early Detection of Parkinson’s Disease Using Speech Signal Analysis and Optimized Machine Learning” (Application No. 202641043635) on 29th May 2026

INTERNSHIP

- Dr. M. Marsaline Beno successfully completed a one-month internship on “AI Driven Software Development” organized by SVNIT and Pantech Solutions from 29th April to 29th May 2026.

RESOURCE PERSON

- Dr. M. Marsaline Beno served as the Resource Person for the World Telecommunication Day 2026 Celebration organized by IEI KKLC on 19th May 2026 and delivered a special lecture on “Digital Lifelines: Strengthening Resilience in a Connected World,”
- Dr. M. Marsaline Beno acted as the Resource Person for the Teachers Training Programme conducted at Amala Matric Higher Secondary School, Thuckalay, on 22nd May 2026, where he addressed the topic “Challenges Posed by Generation Z Today: A New Perspective in Pedagogy, Technology and Motivation (Psychology),” .
- Dr. M. Marsaline Beno served as the Resource Person for the Headmasters’ Training Programme organized by the Kuzhithurai Diocese at Thiruthuvapuram HSS on 27th May 2026 and delivered a session on “AI Integrated School Campus for Leaders,”

REVIEWER

- Dr. M. Marsaline Beno served as a Reviewer for the 2nd International Conference on Next Generation Electronics (NEleX 2026) organized by the School of Electronics Engineering, VIT, Vellore.

FDP

- Dr. M. Marsaline Beno successfully participated in the Faculty Development Programme on “CircuitJS” organized by the Spoken Tutorial Project, EduPyramids, and SINE, IIT Bombay from 06th to 11th May 2026



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