



CORRESPONDENT'S MESSAGE

by Rev. Fr. S. Godwin Selva Justus

We are indeed happy to start our new academy 2024-2025 with the divine providence. We have also chosen a wonderful theme 'To Create Artificial Engineering Technologies with Divine Wisdom'. Without the divine we are ending up nowhere. This deep sense of gratitude must be created in the mind of our young generations who are enrolling themselves to impart technical knowledge. 'Fear of God is beginning of wisdom' says the Bible in the Old Testament. As a catholic college of engineering, we should never forget to impart the divine element in the young minds. Our task should be never to create a human robot, rather a better human who has love and concern for the humanity.

It is my joy to let you know that our St. Xavier's' meritorious graduate award for school children is extended to Thuthoor Vicariate that falls under Thiruvananthapuram Diocese. Thereby some eight parishes might benefit out of this scheme. The responsibility of all the respective parish ambassadors is to motivate our parish children to aim high and make known to them about our college and its facilities, futuristic services and the recent advancement as research institute. Being a research institute it is the responsibility of every faculty to equip and strengthen you by publishing more papers in the refuted journals, having guidship and guiding the required number of the research scholars.

A great appreciation to Nithish P. Anusha M and Mary Lincy S. from the department of computer science for having selected with impressive salary packages by TCS. A great applause to Cdt. Sobin who was selected for health and hygiene.

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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.

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Upcoming Events

- Independence Day
15.08.2024
- Inauguration of I year
PG classes - 21.08.2024
- Graduation Day -
24.08.2024
- Inauguration of
Professional cell
-28.08.2024
- Inauguration of Non
Professional cell -
29.08.2024



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

I express my sincere thanks to humanities and science department for having conducted the bridge course for the first year management students. It is also their responsibility to implement a better understanding about our college, right from the beginning inculcating some soft skills starting from wishing the elders, faculties, principal, correspondent and what not. Their dress code, their appearance to the college with proper haircut, shaving the face, wearing proper shoes, particularly speaking the campus language that is English are the main concerns of the department. If a particular student is lacking fluency in the language, trace out and hand over to the experts who are exclusively appointed for developing language skills. Let you not forget that you lay the foundation stone in the first year on which the rest of the years are built.

I hope every one of the departments is satisfied with the faculty orientation program on effective mentoring. This program may continue in the future too. Further the soft skill training might have helped you too to balance yourself in guiding the students. The only expectation from you is that you ought to prove yourself as an effective mentor while dealing with the young students.

I appreciate Dr. Anto Roach for arranging placement training conducting various companies training our students to have some knowledge about their placement in the future. It is students' responsibility to make use of the possibility and train themselves accordingly.

I salute those who have involved in the research activities. As research institute, we need to improve a lot day by day. It demands team work and team spirit. What we leave for the next generation is nothing, but the new research findings. Let us have a spirit on that. Some of our faculties also have published papers on the reputed journals that add beauty to their commitment and bring laurel to the institution.

My hearty congratulations to Dr. Shaji R.S who has been recognized as one of the members of NAAC assessor, Dr. J.Jerlin Regin, who was recognized as reviewer in Material Science and Application, Mr. S. Titus, ECE receiving award for planting thousand trees . Let them be our inspiration for the upcoming days. Our special appreciation to Dr. Marcelin Benno and Dr. V. Vijmon Moni for accepting as resource persons and conducting many programs representing our college in a worthy manner.

Wish you all the best and may god bless you!

PRINCIPAL'S MESSAGE

It's my pleasure to congratulate the editorial team members for their efforts in bringing out this issue of Newsletter.

We have commenced the academic classes for senior classes on 29th July, 2024. We are planning for Bridge course classes for first year MBA and MCA students from non computer stream.

Our overall pass percentage in Apr/ May 2024 exams is 71.9% and the graduation rate of 2024 batch is 84.62%.

We are planning to improve the academic performance of our students along with imparting soft skills needed. Preparation of NBA -SAR for three UG programs, ECE, EEE and Mechanical Engineering are in process. We are also happy to note that AICTE has sanctioned two ATAL FDPs proposed by IT and ECE Departments. Congratulations.

Hope this academic year, our faculty members and students will fetch a lot of achievements.

All the very best



Dr. J. Maheswaran
Principal



HOLY MASS

The Holy Mass for the academic year 2024-2025 was offered on 26/07/2024 in the conference hall starting at 10:00am. The central message of the Mass was, **“To create Artificial Intelligence Engineering Technologies with Divine Wisdom ”** The Holy Mass was led by the Vicar General, Rev. Fr. Xavier Benedict S., and was led by Rev. Fr. V. Dominic Savio, Rev. Fr. A. Charles Vijju, and Rev. Fr. S. Sekhar Michael. Rev. Fr. Xavier Benedict S. delivered the central message, highlighting the importance of Artificial Intelligence and Information Technology in the field of Engineering. He also addressed the potential misuse and detrimental effects of AI and IT.



St. Xavier's Meritorious Graduate Award

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 parishes 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 St. James, Vadasery, Church of Saint.Michael the Archangel, Cheruvalloor, Our lady of Mount Carmel Church, Nullivillai, Church of St. Alex, Kottilpadu, Church of St. Bartholomeo, Kodimunai, Thoothoor Vicariate for Tamil Region, kirathoor, Our Lady of Mount Carmel Church, Vavarai, St.Elias Church, Thuckalay, Our Lady of Mount Carmel Church, Murasancode and St.Ignatius Church, Kovalam.

ACHIEVEMENTS

- **Nithish P, Anusha M, and Mary Lincy S** from the Department of Computer Science and Engineering have been selected by TCS with impressive salary packages of **₹9.0 LPA, ₹7.0 LPA, and ₹7.0 LPA**, respectively.

Nithish P



Anusha M



Mary Lincy S



- The CATC cum Gp TSC Trg II camp was conducted at NTA, Idayapatti, from 28-06-2024 to 07-07-2024. The camp was organized by 7 (TN) BN NCC, on behalf of Gp HQ, Madurai. Our cadet Sobin was selected to attend this camp and he represented Madurai Group. **Cdt Sobin** was selected for 'Health & Hygiene'. He was among 85 cadets shortlisted from 415 cadets of Madurai Group. Cdt Sobin received appreciation from Lt Col V Siva Kumar, the Camp Commandant for performing excellently in 'Health & Hygiene' competition. Cdt Sobin was selected to attend CATC Cum Gp TSC Launch Camp to be held at NTA, Idayapatti, from 8-7-2024 to 17-7-2024.

RESEARCH INSTITUTE RECOGNITION



- Our college has been officially approved as an Institution-Level Research Center by Anna University for a period of three years, extending until June 2027. The approval document was formally handed over to our Dean of Research, Dr. M. Marsaline Beno, by Rev. Fr. Xavier Benedict S. C. in a special ceremony held on 27th July 2024.
- Our Correspondent, Rev. Fr. S. Godwin Selva Justus, expressed his heartfelt gratitude to all the former Correspondents and Principals, acknowledging their contributions to this remarkable achievement for our Institution.
- ICT Academy has recognized our college for reaching a significant milestone: over 100 students have successfully completed their learning journey in MongoDB Database Technology. This achievement highlights our commitment to equipping students with cutting-edge skills and knowledge in the field of database technology.

ACADEMIC ACTIVITIES



The IPR and Innovative Research seminar was successfully conducted 4th of July, 2024. The seminar was inaugurated by our Correspondent, Rev.Fr. S. Godwin Selva Justus. Our Principal Dr.J.Maheswaran emphasized the importance of the seminar, highlighting its relevance to current academic and research practices. Dr. Ajith J. Kings, Associate Dean for Research, introduced the resource person, Dr. N. M. Jothi Swaroopan, professor at RMK College of Engineering, Chennai, providing an in-depth explanation of IPR and best practices in research activities. The seminar concluded with a Vote of Thanks delivered by Dr. M. Marsaline Beno, Dean of Research.

IPR and Innovative Research

Bridge Course

The Department of H&Sc has conducted the Bridge Course for the First year newly admitted students from 03rd July to 12th July 2024. Within these allotted days, 48 sessions were conducted for the students. 12 sessions were allotted for English, 10 for Mathematics, 10 for Physics and 10 for Chemistry. In addition, 4 sessions were allotted for sports, library and departmental activities. On the last day of the course Students feedback was also collected and assessment was also done.



Academic Council Meeting



The fourth Academic Council meeting was conducted on 13.07.2024 (Saturday) at 10:00 am at Einstein Hall. The faculty nominee, Dr. A. Subitha, offered a prayer to open the gathering. The Chairman of the Academic Council Dr. J. Maheswaran (Principal) welcomed the gathering and delivered the Introductory Talk. The Chairman of the Academic Council Dr. J. Maheswaran (Principal) presented the Suggestions / Recommendations offered by the members of the Third Governing Body meeting which was held on 09.03.2024. The Member Secretary Dr. R. P. Anto Kumar (Dean-Academics) presented the various amendments in the Academic Regulations 2022 for U.G. Programmes (R 2022 – B.E./B.Tech.) and P.G. Programmes (R 2022 – M.E. & M.C.A., R 2022 – M.B.A.). Finally, the Principal Dr. J. Maheswaran, thanked all the members of the Academic Council.

Governing Body Meeting

The Fourth Autonomous Governing body meeting was held on July 29, 2024. Dr. K. Arul Prakash, Professor, Department of Applied Mechanics, IIT, Madras and Dr. P. subah Karuvelam, Professor, EEE,GCE, Tirunelveli Participated as UGC and Anna University Nominee respectively. Dr. A. Reena Evancy , Principal, St. Xavier's Nursing College and Mr. Prince Paul Raj, Managing Director, Blue berry Industries participated as management Nominee. Rev. Fr. S. Godwin Selva Justus, Correspondent, Rev. Fr. R. Xavier Raj, Bursar, Dr. J. Maheswaran, Principal and all the Deans attended the meeting.



FACULTY & STAFF MEETING

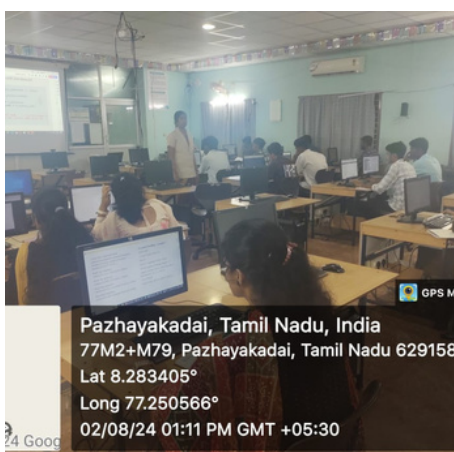
The first staff meeting for the new academic year 2024-2025 was held on 26/07/2024 at 12:30 p.m in the conference hall . During this meeting, the Principal, Dr. J. Maheswaran, provided instructions on common guidelines and college regulations. Rev. Fr. S. Godwin Selva Justus, the Correspondent, reviewed the college standards and ethics and instructed all the staff members to communicate and teach exclusively in English within and around the college. Additionally, he outlined the initiatives for the upcoming academic year. The meeting concluded with a prayer by Fr. Xavier Raj. R, Bursar, asking for God's guidance and support for the new academic year 2024-2025.



The first non-teaching faculty meeting for the new academic year 2024-2025 was held on July 26, 2024, at 2:45 p.m. During this meeting, the Principal, Dr. J. Maheswaran, informed the staff members that the College reopens on July 29, 2024. He appreciated and thanked everyone for their hard work and achievements throughout their service in the Institution.

Rev. Fr. Godwin Selva Justus, the Correspondent, thanked all the members for their support and hard work thus far. He emphasized that both teaching and non-teaching staff are important to the college.

Fr. Xavier Raj R., Bursar, appreciated all members and encouraged them to treat each other with respect, as they work as a family.



Department of Computer Science and Engineering successfully conducted a recent value added course titled **“Database program with PL/SQL”** held from July 29,2024, to August 6,2024.This session was handled by Mrs. S.L. Soniya and Mrs. A. Anisha, Assistant professor/CSE. This course saw enthusiastic participation from CSE students and was designed to enhance practical skills and industry knowledge in database management and programming. Participants gained valuable insights and competencies that will significantly bolster their academic and professional journeys.



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Long 77.384902°
04/07/24 02:40 PM GMT +05:30

- On 04/07/2024, the management of SXCCE hosted a **Faculty Orientation Program (FOP) on Effective Mentoring**, led by Rev. Dr. Alwin Mathan Raj and Rev. Dr. J. Francis Xavier Nelson. Dr. J. Maheswaran, Principal, SXCCE extended a warm welcome to all the dignitaries, guests, faculty and Staff members gathered for the Program at Conference Hall between 1.30 pm to 4.30 pm. Our Correspondent Rev. Fr. Godwin Selva Justus's address underscored the importance of mentoring in nurturing talent and fostering a culture of growth within SXCCE. Rev. Dr. J. Francis Xavier Nelson eloquently highlighted how mentoring fosters a supportive academic environment and shapes successful careers. Rev. Dr. Alwin Mathan Raj, explored the distinct roles of mentors and mentees.

FDP on Soft Skills

- A two day faculty development program on soft skills was organized on 18th & 19th July 2024 for all the teaching staff members. Dr. James R Daniel, Former Principal, Scott Christian College, Nagercoil, Dr. Mercia, Professor, Christ College, Bangalore and Mr. Roshan Roy, Director, Talentus Training Solutions, Chennai trained the staff members on Leadership skills, Goal Setting, Change Management and Effective Communication.



PLACEMENT ACTIVITIES



- Placement Training was conducted for all final year students from 15-07-2024 to 25- 07-2024. They were trained in Data structures, Coding, Quantitative Aptitude, Soft skills and in MEP domains.
- The students were divided into 6 batches – 3 Flowers batches and 3 buds batches. The SMART Training Resources Chennai, SMILE Training Solutions Chennai, Talents HR solutions Cochin and Unique MEP services Chennai were the training organizations who trained our students.

Trainings

- **Cognizant**- Virtual On Campus Placement Drive was conducted for B.E/B.Tech – CSE,IT,EEE,ECE,MECH on 2/07/2024. Eligibility criteria was 60% and above in degree. Salary package is Rs.4.00 Lacs per Annum (CTC). **Akirsha Reji S** from IT department got selected.
- **In Amadis Technologies** – on campus placement drive, **5 students** got selected. Salary package is Rs.2.4 lakhs per annum (CTC).
- The results for **TCS**- Virtual off campus placement drive were announced on 11/7/2024. **15 students** got placement offers. Salary package for category Ninja is Rs. 3.36 lakhs per annum (CTC), for category Digital is Rs.7.0 lakhs per annum(CTC), for category Prime is Rs.9.0 lakhs per annum (CTC).

COE ACTIVITIES

April/May 2024 Phase-I Examinations

- Ninth Result Passing Board meeting was conducted on 01-07-2024.
- Result was published on 02-07-2024.
- Revaluation result was published on 16-07-2024.
- Review result was published on 23-07-2024.

April/May 2024 Phase-II Examinations

- April/May 2024 Phase-II theory examinations for R-2022 second and fourth semester.
- B.E./B.Tech., M.E., M.B.A. and M.C.A. were conducted from 01-07-2024 to 22-07-2024.
- Tenth pre-valuation board meeting was conducted on 22-07-2024.
- Central valuation was conducted on 23, 24 and 25-07-2024.



RESEARCH ACTIVITIES

Patent Publications

- Quazi Mohd. Imranul Haq, Dr. D. Hevin Rajesh, Dr. S. Caroline, Dr. Rohit Narendra Rathod, M.Ramaraao, Dr. Anand J Dhas , Dr.M.Babu, Dr. J. Sam Alaric - Patent Published on 21/06/2024. Topic:Automated Detection Of Pulmonary Artery Stenosis And Occlusion In Chronic Thromboembolic Pulmonary Hypertension Patients.
- Dr.J.Merry Geisa ,Associate Professor of EEE department has been granted Patent (Patent No: 546762) for an invention entitled “Multimodal fuzzy logic based variable pitch angle control system for wind turbines “ for the term of 20 years from the 17th day of August 2020 in accordance with the provisions of the patent Act 1970.on 31/07/2024.

- Dr. P. Antony Vimal and Dr. J. Jerlin Regin published a paper on topic, “Structural and Dynamic Properties Of Elevated Water Tanks For Better Performance During Earthquakes”, Materia (Rio I), 2024, DOI: <https://doi.org/10.1590/1517-7076RMAT-2024-0023>, 29(3).
- Ms. L. Porcia and Dr. J. Jerlin Regin published a paper on topic, “Effect of Partial Replacement by Coconut Shell Charcoal And Silica Fume In Autoclave Aerated Concrete A Experimentation”, Materia (Rio I), 2024, DOI: <https://doi.org/10.1590/1517-7076RMAT-2024-0023>, 29(3).
- Dr. P. Antony Vimal Published a paper on topic, “Modifiation of Response Reduction Factors of Overead Water Tanks Based on Ductility Factor”, Discover applied sciences, 6;192, 2024, <https://doi.org/10.1007/s42452-024-05762-z>.
- Jiji , Maria Seraphin Sujitha and Annie Bessant, REOUN: restoration and enhancement of optical imaging underwater based on non-local prior, Journal of Optics (2024). <https://doi.org/10.1007/s12596-024-02097-1>.
- S.Shiny, Dr.M.Marsaline Beno , published a paper titled “Dynamic load scheduling and power allocation for energy efficiency and cost reduction in smart grids: An RL-SAL-BWO approach” Peer-to-Peer Networking and Applications, Springer Publications, pp.1-21, July 2024.

- Dr. R S Shaji, currently serving as the Dean of Systems and Professor in the Department of Computer Science and Engineering, has been distinguished as a NAAC Assessor. Recognized for his expertise by the National Assessment and Accreditation Council (NAAC), he has undergone training to evaluate educational institutions as a peer team member. In this capacity, he plays a vital role in ensuring the quality of higher education in INDIA by inspecting various Higher Education Institutions. His contributions as a NAAC Assessor underscore his commitment to academic excellence and his reputation as a leader in his field.
- Dr. J. Jerlin Regin was recognized as reviewer in Material Science and application (MSA) on 25-06-2024.
- Mr.S.Titus,ECE received "SEVA RETNA" award from Karungal Tamil Sangam For Planting More than 1000 Trees on the Road side across many places.

- Dr. M. Marsaline Beno, Dean, Research acted as a resource person for FDP on “Applying Data Analytics to Interdisciplinary Research” organised by EEE Department, Christ the King Engineering College, Coimbatore on 18/07/2024.
- Dr. M. Marsaline Beno, Dean, Research conducted Career Guidance and Motivation for Success Program for 12 th Students at Carmel Hr Sec School, Nagercoil on 15/07/2024
- Dr. M. Marsaline Beno, Dean, Research conducted Motivational Program on ‘Teenage Students facing Challenges & Issues and Strategies for Success “ for 9 to 12 students of Kuzhithurai Diocese YCS at Thiruthuvapuram on 21/07/2024.
- Dr. V. Vijmonmoni, HoD/H&Sc acted as a resource person in teachers training program conducted by Thoothoor vicariate on 20th July 2024.

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 | Mrs. M. Jasmin Annie Genefer, AP/MCA | Ms.C.M. Flora Dani, AP/CIVIL | Mrs.S.Joyse Rebecca, AP/MBA

As Resource Person