



# ST. XAVIER'S

VOLUME V, ISSUE 12  
JULY 2025

## CAMPUS CONNECT



### CORRESPONDENT'S MESSAGE

by **Rev. Fr. S. Godwin Selva Justus**

#### 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.

- Events
- Achievements
- Academic Activities
- COE Activities
- Cell Activities
- Research Activities
- Others

#### Contents

- Faculty & Staff Orientation Programme - 14.07.2025.
- Holy Mass, Website Launch & Office Inauguration - 15.07.2025
- Reopening of Higher Semester Classes - 16.07.2025
- One-Week FDP on Electric Vehicles & Hydrogen Fuel Cell Vehicles: Technologies, Challenges, and Future Prospects - 21.07.2025 to 26.07.2025.
- FDP on Android Basics with Compose - 28.07.2025 to 01.08.2025

#### Upcoming Events

Dear St. Xavier's Family,

I'm delighted to reach out to you through this edition of *Campus Connects*. I hope you've had a refreshing break with your loved ones and are now re-energized for the new academic term. Our students, having worked diligently and given their best in the semester exams, have now advanced to the next phase of their academic journey—moving from first to second year, second to third, and third to fourth.

To our teaching faculty, I would like to remind you that both teaching methods and technological tools are continually evolving. We are working with a new generation of learners, and staying updated is not just important—it's essential. Each academic year calls for a renewed approach, fresh perspectives, and innovative solutions. What worked yesterday may not work today, and today's challenges demand new answers. Remember, you are a source of inspiration for our budding engineers.

I extend a warm welcome to the newly joined faculty members of the St. Xavier's family. Let this be a space where experienced members and newcomers learn and grow together—sharing knowledge, exchanging ideas, and enriching each other's professional journeys.

Wishing you all the very best!



**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

# PRINCIPAL'S MESSAGE

Dr. J. Maheswaran



## Greetings

I take this moment to appreciate the efforts taken by the Editorial team members of our Newsletter for bringing out this issue successfully.

My congratulations to all students of senior classes for attending Internship in reputed Organizations. I also appreciate the in charges of various Sub Committees of Autonomous, Academic Council, Finance Committee, Board of Studies for conducting respective meetings successfully. Hearty congratulations to all.

It is my duty to thank the CoE, DCoE, faculty for their support in conducting the semester end examinations in a smooth manner.

Preparation for next academic year plan is on the anvil.

Hope the upcoming academic year will be filled with a lot of achievements.

All the very best.

## EVENTS

### Blessing of New College Buses



A bus blessing ceremony was held on 03.06.2025 to mark the arrival of our newly purchased college bus. The event took place in front of the Main Block of our college. The ceremony was led by our beloved correspondent, Rev. Fr. Godwin Selva Justus, who blessed the bus with holy water and offered prayers for the safety of all students, staff, and drivers who will use the vehicle. Our Principal, Dr. J. Maheswaran and Vice Principal, Dr. V. Christus Jeya Singh, along with several faculty members, also attended the event and made the occasion more special.



## 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 parish in SSLC and HSS board exams (Tamil Nadu), of both Kuzhithurai and Kottar Dioceses. Under this scheme, the awards have been given to the meritorious students of the Church of the Accention of our Lord – Thiruvitancode, St. Antonys Church - Appattuvilai, St. Antonys Church - Irumpili, Holy Trinity Cathedral, Triutuapuram, St. Alosiyus Church, Karankadu and St. Antonys Church - Manali

## ACHIEVEMENTS

### Centres of Excellence for AWS Cloud Solutions

Our college has been proactively organizing diverse value-added training programs in collaboration with prominent corporate entities to augment students' employability skills and foster the development of globally certified professionals.

In recognition of these efforts, AWS and the ICT Academy of Tamil Nadu have jointly designated the college as one of the "Centres of Excellence for AWS Cloud Solutions."

The recognition was presented during the 63rd ICT Academy BRIDGE conference held at the Radisson Blu Hotel in Chennai on 26.06.2025.

The award was received by Rev. Fr. S. Godwin Selva Justus, Correspondent of the college, accompanied by Dr. R. P. Anto Kumar, Dean of Academics and Mr. J. Bright Jose the IIC Coordinator.

It was presented by Mr. K. Lakshminarayanan, Hon'ble Minister for Public Works and Information Technology, Government of Puducherry, in the presence of Mr. Shivraj Meena, Director of Information Technology, Government of Puducherry; Mr. Krish Ganesan, former Vice President of HR and Global Head of Recruitment at Tata Consultancy Services; Ramaprosad Ghosh, Chief Executive Officer, Kenverse; Dr. S. Vincent, Member Secretary, TANSCT; Mr. Ganesh Venkatraman, actor and motivational speaker; and Mr. V. Srikanth, CEO of ICT Academy.



# ACADEMIC ACTIVITIES



The **Sixth Academic Council Meeting** of our college was conducted on 21.06.2025 at our campus. Dr.J.Krishnamoorthi, Professor & Head, Department of Metallurgical Engineering, PSG College of Technology Coimbatore, Dr. N. Shenbaga Vinayaga Moorthi, Professor and Dean, Anna University Regional Campus – Tirunelveli, Dr. R. Justin Joseyphus Professor & Head, Department of Physics NIT, Trichy, Dr. Selvam Jesaih, Professor & the Principal, Faculty of Management Studies of Sri Ramachandra Institute of Higher Education and Research, Chennai, Mr. Arul Jerald Prakash Former Director Kerala State Science & Tech Museum and Planetarium, Thiruvananthapuram, Mr. Thomas Franco Social Activist and Banker Ex. All India State Bank officers' Federation as nominee of governing body, Correspondent, Bursar, Deans and all the HoDs attended the meeting.

The Faculty Development Programme (FDP) on **"Emerging Trends in Sustainable and Smart Manufacturing Systems"** was conducted from 24th to 30th June 2025. The FDP aimed to enhance the knowledge of faculty, researchers, and industry professionals in cutting-edge manufacturing technologies. It featured expert sessions on Industry 4.0 and 5.0, additive manufacturing, sustainable construction materials, and smart manufacturing applications. Notable speakers included Dr. R. Edwin Raj, Dr. S. C. Vettivel, Dr. M. S. Starvin, Dr. J. Jerlin Rejin, Dr. M. Antony Forster Raj, and Dr. C. Seldev Christopher. The programme was convened by Dr. G. Antony Miraculas and coordinated by Dr. M. Sergius Joe.

## April/May 2025 Examinations

- End semester theory examinations for fourth and sixth semester B.E./B.Tech., second semester M.E., M.B.A. and M.C.A. programs are being conducted from 19-05-2025.
- End semester practical examinations for second semester B.E./B.Tech. programs were conducted from 04-06-2025 to 18-06-2025.
- End semester project viva-voce examinations for
  - i) M.C.A. was conducted from 16-06-2025 to 20-06-2025.
  - ii) M.E. will be conducted on 12-07-2025 and 14-07-2025.
  - iii) M.B.A. will be conducted from 14-07-2025 to 17-07-2025.

**COE ACTIVITIES**

## CELL ACTIVITIES

- **International Yoga Day** was celebrated at our college on 21st June 2025 from 7.45 am to 8.45 am, following the theme 'Yoga for One Earth, One Health'. The event was organized as per the directions of NCC Unit 11(TN) BN NCC, Nagercoil, and Anna University. ANO Maj S Edwin Gladson gave an introduction, and Principal Dr. J. Maheshwaran spoke on the benefits of yoga. Cadets led the session under the guidance of Mrs. Emerlin Joshila, practicing various asanas. Forty-two cadets participated, and the program concluded with breakfast. Event details were uploaded to the AYUSH portal.
- The IEEE WIE Day 2025 was celebrated on 27th and 28th June with a **24-hour online hackathon themed "Pioneering Safe Cyberspace: Bridging Technology and Light for Security"**. Organized by IEEE WIE SBA 62851 and led by Ancy Raj K. K., the event featured sessions on cybersecurity, mentoring, and innovation. Six teams participated, guided by industry mentors and evaluated by expert judges from TCS and Formcept. The event fostered technical learning, teamwork, and creativity, concluding with a valedictory function and vote of thanks by Mr. Akash Roshan S, marking a successful and enriching celebration.

# RESEARCH ACTIVITIES

## Journal Article Published

- **M. Gerald Arul Selvan** has published a paper titled “Mechanical Characterization of Novel Fragrant Screwpine Fiber–Reinforced Polyester Composite and Development of a Mathematical Model With the Aid of Machine Learning”, Advances in Materials Science and Engineering, Volume 2025, Article ID 7847118, 11 pages <https://doi.org/10.1155/amse/7847118>, Wiley publication with Impact factor.
- **Marsaline Beno M**, Artificial Intelligence-Based Soft-Charging Dual Boost Control: PSO-Tuned Reactive Power Compensation for Reliability and Maintenance in Medium Voltage Unbalanced Grid Networks, Eksploatacja i Niezawodność – Maintenance and Reliability Volume 27 (2025), Issue 4.
- **Dr. L. Mary Florida**, Associate Professor, Department of Humanities and Sciences, authored a book chapter titled "Efficient Water Management in Agriculture: Fusion of Drip Irrigation and Hydroponics for Sustainable High-Yield Farming" of published book entitled "Emerging Trends in Agriculture Sciences (Volume - 19)" having ISBN 978-93-5834-299-4.

## Patent

- Dr. L. Mary Florida, Associate Professor, Department of Humanities and Sciences, has been granted Design Patent (Patent No:448118-001) for an invention entitled “Hybrid Eco Powered Mechanized Boat in Fisheries” in accordance with the provisions of the Design Act, 2000 and the Design Rule 2001.

## As a Journal Reviewer

- **Dr A. Anisha** acted as reviewer for IET Image Processing journal and reviewed paper titled "MRI-Based Heart Disease Diagnosis: An Automated IBNet9X-DenseNet8X Framework for Optimal Feature Fusion and Classification"

## Resource Person

### **Dr. M. Marsaline Beno, Dean, Research**

- conducted Career Guidance for Engineering Success at Government College of Engineering Tirunelveli for Final Year EEE Students on 02/04/2025.
- acted as a Resource person at “Essentials of Entrepreneurship: From Idea to Startup” Organized by Mar Ephrem College of Engineering & Technology on 03/04/2025
- acted as a Resource person at SXCCE - Merit Scholarship Student’s Parents on how to Choose a right Career for Your wards on 05/04/2025
- conducted Career Guidance for 10 to 12 Students at Mela Manakudi Church Career Guidance Event on 06/04/2025.
- acted as a Resource person at Holy Cross College, Skill Development Program for Students titled “Pioneering Innovations: Leading the Technological Frontier” on 22/04/2025.
- acted as a Resource person titled “Role of Engineers in Sustainable Development at Government College of Engineering” Tirunelveli for Green Sustainable Academic Partner Inauguration organized by IGEN on 23/04/2025.
- acted as Resource person at the Global Interfaith & Social Harmony Conference for World Peace, organized by URI Tamilnadu Region titled “SDG 16 and Peace Building “at YMCA Kanyakumari on 24/04/2025.
- acted as a Resource person at Career Guidance event organized by Our Lady of Snows Church, Thentamarai kulam Parish on 27/04/2025.
- presented a Key Note Address at IET KKLN Inno Vista 2025 at Mar Baselios College of Engineering, Thiruvananthapuram on 30/04/2025.

**Michel Raj.T**, Assistant Professor, Department of Engineering has successfully defended his thesis “FORMULATION AND CHARACTERIZATION OF AMARANTHUS VIRIDIS STEM FIBER REINFORCED POLYMER COMPOSITES WITH BIO-SILICA ENRICHMENT” on 24.06.2025 at OPTIMUS HALL Department of Industrial Engineering College of Engineering Guindy Campus, Chennai Tamil Nadu 600025

## **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**

**Together, we grow. Together, we shine. With faith in our roots and eyes on the future, we continue to move forward as a united Xavierian community. Keep striving, keep achieving – the journey continues.**

