



NEWSLETTER

DEPARTMENT VISION

To be a Centre of Excellence for Technology transformation in the field of Electrical and Electronics Engineering

DEPARTMENT MISSION

- To empower the vibrant young leaders with technical skills and knowledge in the field of technology
- To facilitate the industries to adopt effective solutions in the field of Electrical and Electronics Engineering through consultancy
- To transform technology for rural needs and ethical values to lead and serve the society.



Booklets are containing details about a business, event, product, promotion, etc.

PEO 1 – PROFESSIONAL DEVELOPMENT:

Graduates of the program will engage in designing, manufacturing, testing, operating, and or maintaining systems in the field of electrical and electronic engineering and allied engineering industries.

PEO 2 – SOCIAL RESPONSIBILITY:

Graduates of the program will solve problems of social relevance applying the knowledge of electrical and electronics engineering and or pursue higher education and research.

PEO 3 – TEAM WORK AND LEADERSHIP:

Graduates of the program will work effectively as individuals and as team members in multidisciplinary projects.



I want to express my gratitude to each faculty and student in our institution. Your dedication to excellence, your commitment to our shared values, and your unwavering support have been instrumental in our achievements. It is the collective strength of our team that sets us apart, and I am confident that together, there is no challenge we cannot overcome.

**BEST WISHES
DR.S.CLETUS BABU
CHAIRMAN**



Our educational institution has always stood as a beacon of knowledge, fostering growth, character development, and a spirit of inquiry. As we embark on this academic month, I encourage both students and educators alike to embrace the opportunities for learning and personal growth that lie ahead. Let curiosity be your guide, and let the pursuit of knowledge be a source of inspiration.

**BEST WISHES
DR.V.VELMURUGAN
PRINCIPAL**



II want to express my gratitude to every member of our department for your hard work, dedication, and unwavering commitment to excellence. Your contributions are the foundation of our success, and I am excited about the possibilities that await us. As we navigate the challenges and opportunities that lie ahead, I am confident that our collective expertise, creativity, and collaborative spirit will propel us to new heights.

**BEST WISHES
DR.A.RAVI
PROFESSOR AND HEAD,
DEPARTMENT OF
ELECTRICAL AND
ELECTRONICS
ENGINEERING**





- An enriching industry visit was organized on 2nd July 2025 and 3rd April 2025 for faculty members to various leading industries in Chennai.
- The Dr A Ravi visited several companies including E Focus Technologies, Maruthi Power Control Systems, Daystar Solar, ESAB India Pvt. Ltd., L&T Construction, Dsmartz Automations, Exide Industries Ltd., and Svios Technologies. The interactions focused on understanding technical skill expectations, internship and placement opportunities, industry expectations from graduates, and curriculum relevance.

- On 17th July 2025, a faculty industry visit was organized to four prominent companies in and around Coimbatore to bridge the gap between academic knowledge and industrial practices.
- The first visit was to Kin Railway Equipment Pvt. Ltd., a leading railway components manufacturer specializing in coach interiors and certified with ISO 9001:2015 and EN 15085 CL1. Discussions led to potential placements, confirmed internships with stipends, and accommodation for interns.
- Next, the team visited Swetha Structures Pvt. Ltd., known for its civil and electrical turnkey project services. The company committed to offering internships and emphasized technical compliance and project execution skills.



- On 7th July 2025, Dr. Aandal R, Assistant Professor, Department of EEE, Francis Xavier Engineering College, undertook an industry visit to Syrma SGS Technologies, Qualcomm India (via VVDN Technologies), and Avalon Technologies, all located in Chennai
- At Syrma SGS Technologies, alumna Ms. Abhirame G provided insights into the company's expectations for technical roles. Skills in EMS (PCB assembly, RF testing, SMT production), cloud computing, AI/ML, BOM management, costing, and soft skills like communication and adaptability were emphasized.



23 JULY FRIDAY
11.00 am to 12.35 pm

Capacitors in DC Machines and Transformers

Resource Person

Mr. B. MOHAMED RASHEEN
Senior Manager, Deki Electronics Ltd.,

Organised by

Tirunelveli, Tamil Nadu, India
PPJF-WVV Francis Xavier Engineering College, V
Lat 8.732386° Long 77.724998°
29/07/2025 01:39 PM GMT +05:30

Organized a guest lecture on "Capacitors in DC Machines and Transformers" for second-year, third-semester students on 23rd July 2025, from 11:00 am to 12:35 pm. The session was delivered by Mr. B. Mohamed Rasheen, Senior Manager at Deki Electronics Ltd., Noida, Uttar Pradesh. This event was coordinated by Dr. R. Rajagopal, Professor/EEE, and convened by Dr. A. Ravi, HoD/EEE.

FRANCIS XAVIER ENGINEERING COLLEGE
ALUMNI INDUSTRY INTERACTION
Online Talks on Postmodernization Design, Policy, and Fuel Engineering

Er. Anandaraj S

Department of Electrical and Electronics Engineering

Tirunelveli, Tamil Nadu, India
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The resource person was Er. Anandaraj S, an alumnus from the 2007–2010 batch, currently working at Dwaraka Instruments, Injambakkam, Chennai. The session was organized in collaboration with the FXEC Alumni Association and the Institution of Engineers. Mr. A. Ananth, Assistant Professor/EEE, coordinated the event, with Dr. A. Ravi, HOD/EEE, serving as the convener.

FRANCIS XAVIER ENGINEERING COLLEGE
Department of Electrical and Electronics Engineering
Alumni Guest Lecture on
Innovations in Tank Design: Enhancing Efficiency with Cooling Tube Integration

Mr. Amit Kumar Singh V

Tirunelveli, Tamil Nadu, India
PPJF-WVV Francis Xavier Engineering College, V
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The Department of Electrical and Electronics Engineering at Francis Xavier Engineering College conducted an online alumni guest lecture on "Innovations in Tank Design: Enhancing Efficiency with Cooling Tube Integration" on 29th July 2025, from 1:20 PM to 3:00 PM. The session was delivered by Mr. Amit Kumar Singh V, Senior Associate Consultant at Tata Consultancy Services, Bangalore. The event was coordinated by Mr. J. Antony Robinson (AP/EEE) and convened by Dr. A. Ravi (HoD/EEE).



"EMERGING TRENDS, CHALLENGES, AND POTENTIAL FUTURE DIRECTIONS IN AI"



- organized a guest lecture on "Emerging Trends, Challenges, and Potential Future Directions in AI" on 18th July 2025, from 11:45 am to 12:35 pm, for third-year, fifth-semester students. The session was conducted in hybrid mode through Google Meet and in person.
- The lecture was delivered by Ms. Shiny Vinoliah Ruth Jacob, IT Specialist 4, United States, and an alumna of the 2020–2022 batch of FXEC. The event was coordinated by Mr. A. Ananth, Assistant Professor/EEE, and convened by Dr. A. Ravi, HOD/EEE, under the guidance of Dr. V. Velmurugan, Principal, and Dr. A. George Klington, GM – Development, SCAD Group. A total of 31 students participated in the session.

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CAREER GUIDANCE FOR ASPIRING SOFTWARE PROFESSIONALS

- The Department of Electrical and Electronics Engineering organized a guest lecture titled "Building Blocks: Career Guidance for Aspiring Software Professionals" on 28th July 2025 from 3:15 PM to 4:05 PM. The session was conducted by Ms. N. Dhanalakshmi, UI/UX Designer at Bliend Enterprises, Chennai, and an esteemed alumna of the department. The event was coordinated by Mrs. S. Laxmi, Assistant Professor/EEE, with Dr. A. Ravi, HOD/EEE, serving as the convener.



On 25th July 2025, the Department of Electrical and Electronics Engineering at Francis Xavier Engineering College organized an insightful session on "Lean Startup & Minimum Viable Product", under the Ministry of Education's Innovation Cell. The session, lasting three hours, was delivered by Mrs. A. Amala Manuela, Assistant Professor/EEE, and was coordinated by Ms. M. Mary Sumitha, Assistant Professor/EEE.



A total of 40 third-year EEE students and 2 faculty members actively participated. The event was engaging and highly beneficial, offering valuable insights into modern entrepreneurship and product development strategies. The department expressed gratitude to the speaker for her impactful contribution.



ALUMNI MEET



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 105, N Bypass Rd, Francis Xavier Engineering College Vannarpettai, Tirunelveli,
 Tamil Nadu 627003, India
 Lat 8.731511° Long 77.723149°
 26/07/2025 11:46 AM GMT +05:30

27-07-2025

தின தரணி
 காவலு நாளிதழ்
 DINA THARANMI
 காவலு நாளிதழ்

வெள்ளி விழா ஆண்டு: நெல்லை எப்.எக்ஸ். பொறியியல் கல்லூரியில் முன்னாள் மாணவர்கள் சந்திப்பு நிகழ்ச்சி!

நெல்லை, ஜூலை 27-
 2025. வெள்ளி விழா 25^{ம்} ஆண்டு மின்னணு தொழில்நுட்ப மற்றும் மின், மின்னணுவியல் பொறியியல் துறை மாணவர்கள் சந்திப்பு நிகழ்ச்சி சிறப்பாக நடைபெற்றது. பிரான்சிஸ் கல்லூரியின் மின்னணுவியல் மற்றும் தொழில்நுட்ப பொறியியல் மற்றும் மின் மற்றும் மின்னணுவியல் பொறியியல் துறை சார்பில் 25வது ஆண்டு முன்னாள் மாணவர்கள் சந்திப்பு நிகழ்ச்சி நடைபெற்றது. இந்த நிகழ்வில் பல்வேறு மாநிலங்களில் பிற்பல உள்ளூர் நிறுவனங்களில் உயர் பதவி வகிக்கும் முன்னாள் மாணவர்கள், ஆசிரியர்கள் மற்றும் கல்லூரி நிர்வாகிகள் பங்கேற்றனர். இந்த நிகழ்ச்சிக்கு எம். குழுவின் உறுப்பினர் எஸ்.ஆர். பிரியா தலைமை உரையாற்றினார். அப்போது, முன்னாள் மாணவர்களின் சாதனைகளை பட்டியலிட்டு பாராட்டினார். அவர்கள் கல்லூரியின் தொழில்நுட்ப நலம் வரும் ஒத்துழைப்பை ஊக்குவித்தார்.



இயக்குநரும், கல்லூரியின் பொது மேலாளர் (நிர்வாகம்) கிருஷ்ணமூர் பாராட்டு உரையை நிகழ்த்தினார். அப்போது கல்லூரி நிறுவனத்தின் பாரம்பரியத்தை வடிவமைப்பதில் முன்னாள் மாணவர்கள் ஆற்றிய சிறப்பான பங்கை கருத்துக்காட்டினார். அவர்களுக்கு பாராட்டு தெரிவிக்கும் விதமாக, நினைவுப் பரிசுகள் வழங்கி கௌரவிக்கப்பட்டனர். தங்களது 25 ஆண்டுகால தொழில்முறை சிறப்பையும் கல்லூரியுடனான தொடர்பையும் கொண்டாடி மகிழ்ந்தனர். இணை தொழில்நுட்ப முன்னாள் மாணவர்கள் சங்கத்தின் தற்போதைய செயல்பாடுகள் மற்றும் எதிர்காலத் திட்டங்களை பகிர்ந்து கொள்வதற்காக alumniportal.francisxavier.ac.in என்ற பூதி இணையதளத்தை முன்னாள் மாணவர் சங்க பொருளாளருமான முனைவர் மனோக் அறிமுகப்படுத்தினார். இதில் முன்னாள் மாணவர்கள் வலை தளத்தில் பதிவு செய்து அம்சங்கள் குறித்து பதிவு செய்து, பல்வேறு கருத்துகளை பகிர்ந்து கொள்ள வேண்டுகோள் கேட்டுக்கொண்டார். இதுனை தொழில்நுட்ப முன்னாள் மாணவர்களுக்கான மாணவர்களுக்கும் கண்காணக விளையாட்டுகள் மற்றும் கண்காணக நிகழ்ச்சிகள் நடைபெற்றன. நிகழ்ச்சியின் இறுதியாக முன்னாள் மாணவர்கள் குழுப் போட்டி எடுத்துக்கொண்டனர். இந்த நிகழ்வில் ஸ்காட் குழு பொதுமேலாளர் ஜாஞ் கீர்ப்பன், பொதுமேலாளர் கிருஷ்ணமூர், கல்லூரி முதல்வர் வேல்முருகன் ஆகியோர் கலந்து கொண்டனர். இதற்கான ஒலங்கிணைப்பு ஏற்பாடுகளை நிர்வாக அதிகாரி வளாக மேலாளர் சகரியா சேப்ரியல் வழிகாட்டுதலின் பேரில் மின்னணு துறை தலைவர் முனைவர் பிரிஸ்கா, மின் மற்றும் மின்னணு துறை தலைவர் முனைவர் ரவி, ஒலங்கிணைப்பாளர் அமலா, செயலாளர் முத்தராமன் மற்றும் அனைத்து ஆசிரியர்

III EEE Skill training

- Day 1: Introduction to Arduino and sensors
- Day 2: PIR sensor for motion detection
- Day 3: Soil moisture sensor for irrigation systems
- Day 4: Ultrasonic sensor for distance measurement
- Day 5: Temperature sensor (LM35) for thermal monitoring



The Department of Electrical and Electronics Engineering at Francis Xavier Engineering College organized a hands-on training program titled "Evening Skill – Arduino for Beginners" from 21st to 25th July 2025, between 4:30 PM and 6:30 PM. The session was coordinated by Dr. N. Hemalatha, AP/EEE, and involved the active participation of 25 students from the department.



II EEE Skill training

Organized a two-day workshop titled "Foundations of Robotics – Microcontrollers and Sensor Integration" on July 25th and 26th, 2025. The workshop aimed to provide foundational knowledge in robotics, emphasizing microcontroller programming and real-time sensor integration. It was coordinated by Mr. N.V. Selvam (AP/EEE) and convened by Dr. A. Ravi (HoD/EEE), with technical sessions conducted by experts from AB Technologies, Tirunelveli.



Leader of the week III EEE

The Department of Electrical and Electronics Engineering at Francis Xavier Engineering College organized the "Leader of the Week – CTRL + QUIZ" from 16th to 23rd July 2025 at 6:00 PM daily via Google Forms. Coordinated by Mrs. A. Amala Manuela, AP/EEE, the event aimed to reinforce core concepts in Electrical and Electronics Engineering, promote academic excellence, and foster continuous learning among students.



NONTEACHING STAFF TRAINING

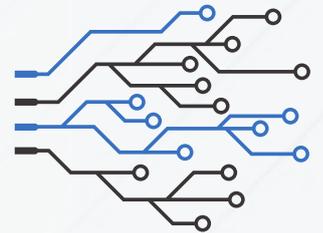
FRANCIS XAVIER ENGINEERING COLLEGE



Tirunelveli, Tamil Nadu, India
Ppjjf-vvr, Barani Nagar, Tirunelveli, Tamil Nadu 627003,
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Lat 8.732205° Long 77.724664°

The Department of Electrical and Electronics Engineering at Francis Xavier Engineering College organized a hands-on Skill Training Program for non-teaching staff members on 26th July 2025, titled "Sun to Socket: Solar PV Energy System Design and Installation." The session was conducted by Dr. A. Ravi, Head of the EEE Department. Held from 2:30 PM to 4:00 PM, the training aimed to enhance the technical knowledge of non-teaching staff in the field of renewable energy.

LASER CUTTER



Tirunelveli, Tamil Nadu, India
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07/30/2025 03:33 PM GMT+05:30

