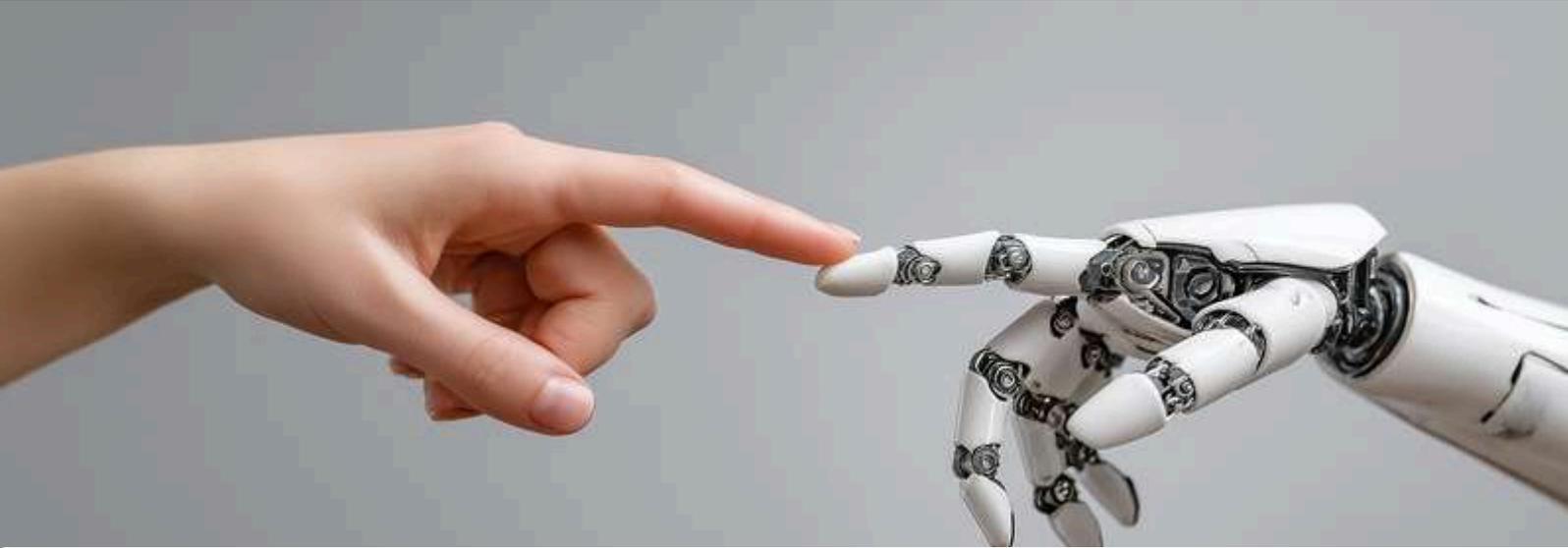




FRANCIS XAVIER ENGINEERING COLLEGE JANUARY, 2026 Vol 25

NEWSLETTER



FRANCIS XAVIER ENGINEERING COLLEGE
Department of Electronics & Communication Engineering
Newsletter (2025-2026 Even Semester)

Volume: 25 issue: 1

JAN 2026



Department of Electronics and Communication Engineering
Francis Xavier Engineering College (Autonomous)

Career Guidance for UPSC, SSC, Banking and other Competitive

The Department of Electronics and Communication Engineering organized a Career Guidance Programme on UPSC, SSC, Banking, and other competitive examinations on 28.01.2026 at APJ Auditorium. The programme began with a welcome address by Ms. A.Divana Christy, I ECE A. Mr. S. Saravanan, Founder & Director, IQ Global Skills Training Centre, served as the resource person. The event was honored by the presence of, Dr. L. R. Priya, Professor & Head and Convener and Dr. Alwin Devaraj, Associate HOD.

The session provided valuable guidance on competitive examinations and emerging career opportunities. Mr. Ajay, Founder & CEO, HIG AI Automation LLP, shared insights on AI, Automation, and Digital Marketing. The programme was coordinated by Dr. N. Ammakutti @ Sridevi, Assistant Professor, Physics with active participation from 150 students (49 male and 100 female). The programme concluded with a vote of thanks by Ms.M.Efrin Snow, I ECE A.



Guest lecture on " Machine Learning in Modern Healthcare "

On 28.01.2026 a Guest lecture on " Machine Learning in Modern Healthcare" was organized by the Department of Electronics and Communication Engineering in association with the Institute of Electrical and Electronics Engineers. The guest lecture was handled by Dr. M. Ashok Kumar, Assistant Professor, Department of Information and Technology, KPR Institute of Engineering and Technology, Coimbatore, India from 10.30 AM - 12.30 PM. 41 students and 2 faculties participated. This event was coordinated by Dr R Prem Ananth, Assistant professor/ ECE, Francis Xavier Engineering College.

The lecture focused on introducing the fundamentals of Machine Learning and its significant role in modern healthcare systems. Dr. Ashok Kumar explained the basic concepts of supervised and unsupervised learning with simple examples and highlighted how these techniques are used in disease diagnosis, medical image analysis, patient data classification, and predictive analytics. He also discussed real-time applications such as early detection of diseases, personalized treatment, and remote health monitoring.

The session provided valuable insights into the opportunities available for engineering students in the interdisciplinary fields of artificial intelligence, data science, and healthcare technology. The students gained a clear understanding of how core ECE knowledge can be integrated with machine learning tools to solve real-world medical problems. The interactive question-and-answer session at the end helped the participants clarify their doubts and enhanced their interest in pursuing projects and research in this emerging area.

FRANCIS XAVIER ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
Vannarpettai, Tirunelveli - 627 003

IEEE

GUEST LECTURE ON
Machine Learning in Modern Healthcare

28 WEDNESDAY
JANUARY 2026
11:00 am

Dr. M. Ashok Kumar
Assistant Professor,
Department of Information and Technology,
KPR Institute of Engineering and Technology,
Coimbatore, India.

AUDIENCE
First Year - ECE Students



Tirunelveli, Tamil Nadu, India
103/g2, By Pass Road, Vannarpet, Ppif+vvr, Barani
Nagar, Tirunelveli, Tamil Nadu 627003, India
Lat 8.732067° Long 77.724626°
Wednesday, 28/01/2026 10:54 AM GMT +05:30

ASHOK KUMAR M ITO13 (Presenting)

Also includes: **Reinforcement Learning** - Algorithms learn by performing actions in an environment

Key ML Algorithms for Beginners

- Decision Trees**
Splits data into smaller parts based on simple rules from input features, forming a tree-like structure.
Useful for **classification** (e.g., spam detection) and **regression** (predicting continuous values like prices).
- Regression Algorithms**
Models the relationship between variables, predicting continuous numerical values (e.g., sales forecasts).
Examples include predicting house prices and sales forecasts.

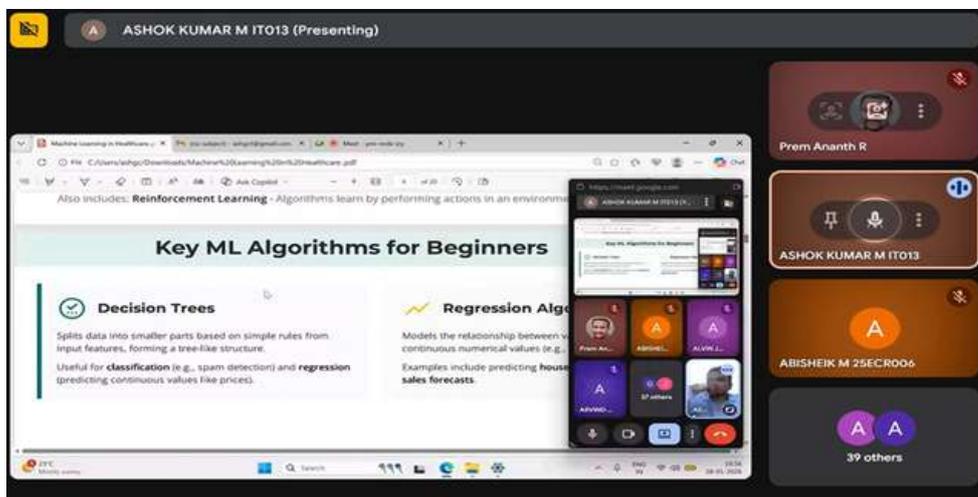
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GUEST LECTURE

(Futuristic thinking in Engineering Career)

This guest lecture "Futuristic thinking in Engineering Career" was held on 13.2.26 at 9.15 a.m. The resource person is Er. Jeremiah Caleb Henry, Service Engineer-Propulsion & Handling @ Kongsberg. This programme was started with a prayer by Jerlin Sophia (I ECE B) followed by the welcome speech by Padma Priya (I ECE B). The guest lecture was highly informative and inspiring. Several trends demand futuristic thinking from engineers are as follows.

Digital Transformation: Artificial intelligence, machine learning, data analytics, and automation are redefining engineering roles. Sustainable Engineering: Focus on green technologies, renewable energy, and eco-friendly design is increasing. Interdisciplinary Approach: Modern engineering integrates knowledge from electronics, computer science, biotechnology, and management. Smart Systems: Smart cities, Internet of Things (IoT), and cyber-physical systems require forward-looking design and planning.

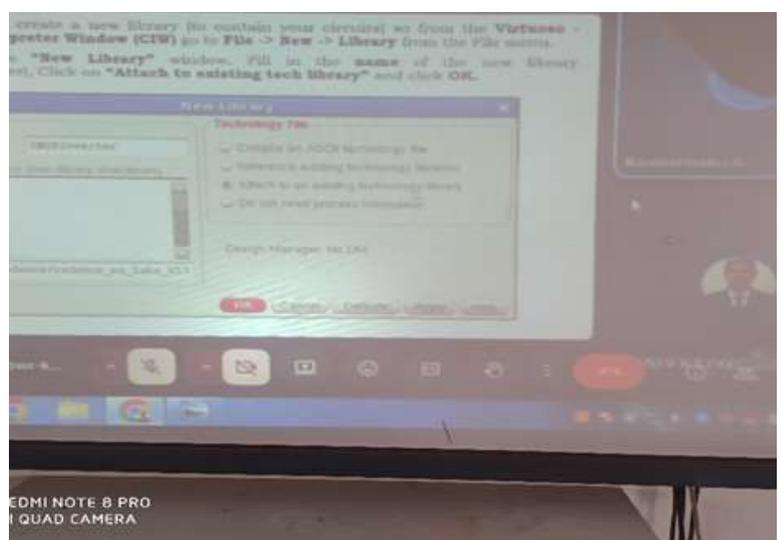
The program successfully motivated students to play a significant role in shaping a sustainable and progressive future. Finally the meeting ended with a vote of Thanks by Joana Snow. The entire program was coordinated by the student coordinators Jaziya (I ECE B) and Mano (I ECE B).



Guest Lecture on " Introduction to CADENCE EDA Software"

The poster features the Francis Xavier Engineering College logo at the top left. The main title is "GUEST LECTURE ON Introduction to Cadence EDA Software". The speaker is Mr. A. Rameshbabu M.E., Assistant Professor-II at Ramco Institute of Technology. The event is on Thursday, 29 January 2026, from 2:00 PM to 3:00 PM. The audience is I Year - ECE Students. The event is organized by the Department of Electronics and Communication Engineering. The co-ordinator is Dr. V.R.S. Mani and the convener is Dr. L.R. Priya. Social media links and the college website are provided at the bottom.

On 29.01.2026 a Guest lecture on " Introduction to CADENCE EDA Software " was organized by the Department of Electronics and Communication Engineering in association with the Institute of Electrical and Electronics Engineers. The guest lecture was handled by Mr. M. A. Ramesh Babu, Assistant Professor, Department of Electronics and Communication Engineering, Ramco Institute of Technology, Rajapalayam, India from 2.00 PM – 3.00 PM. 32 students and 1 faculty participated. This event was coordinated by Dr. V.R.S.Mani, Professor/ ECE, Francis Xavier Engineering College. The lecture focused on introducing the fundamentals of IC Design and the use of CADENCE EDA Software Tools in Digital System Design and Simulation. Dr. A. Ramesh Babu demonstrated the design and simulation of CMOS Inverter and Full Adder Circuit using different types of modelling and analyzed Power and Area. He also emphasized the importance of EDA tools in VLSI Design, Simulation and Testing. The session provided valuable insights into the opportunities available for engineering students in the core Electronics field. The students gained a clear understanding of how core ECE knowledge can be integrated with EDA tools to design System on Chip. The interactive question-and-answer session at the end helped the participants clarify their doubts and enhanced their interest in pursuing projects and research in this emerging area.



GUEST LECTURE

A Guest Lecture on “Basic Human Aspiration and Its Fulfilment” was organized by the Department of Electronics and Communication Engineering on 28.01.2026 at the Communication Lab (ECE Department) for the Second Year students of Electronics and Communication Engineering. The resource person for the session was Dr. G. Bharathy, Assistant Professor, Kamaraj College of Engineering and Technology, Virudhunagar.

The programme commenced with a warm welcome to the resource person and participants, followed by an insightful introduction to the concept of basic human aspirations and their fulfillment. The lecture focused on understanding fundamental human aspirations such as happiness, prosperity, and harmony in relationships, and how their fulfillment leads to individual well-being and societal harmony.



FRANCIS XAVIER ENGINEERING COLLEGE
An AUTONOMOUS INSTITUTION
Vannarpettai, Tirunelveli
Department of Electronics and Communication Engineering
Organises
Guest Lecture
Topic: "Basic Human Aspiration and it's fulfilment "

**Dr.G. Bharathy**
Assistant Professor
Kamaraj College of Engineering and Technology, Virudhunagar

 **28th Jan**
Wednesday  **11.45 am**  **Communication Lab**

Co-ordinator
Dr.S.Sudharthini
AP/Physics /ECE

Convenor
Dr.L.R.Priya
Professor and Head

Dr.V.Velmurugan
Principal



Guest Lecture on “The Power of Ethics in Professional Success”

The guest lecture on “The Power of Ethics in Professional Success” was organized by the Department of Electronics and Communication Engineering for the II Mechanical Engineering students on 23 January 2026. The session was handled by Mr. R. Venkateshwaran, Assistant Professor, Department of English, St. John’s College, Palayamkottai, who delivered an insightful talk on the importance of ethics, integrity, and professional values in career development. The program began with a welcome address by Andrews Jerovin A, II Mechanical Engineering. The event was coordinated by Dr. N. Ammakutti @ Sridevi, Assistant Professor of Physics, and convened by Dr. L. R. Priya, Professor and Head, ensuring the smooth conduct of the program. The session concluded with a vote of thanks delivered by Akshaya S, II Mechanical Engineering, expressing gratitude to the resource person, faculty members, and participants.



GUEST LECTURE

Ethics is the foundation upon which professional excellence is built. It shapes character, strengthens competence, and ensures harmony between individual success and societal well-being. To inculcate professional values and moral values a guest lecture is being arranged for the II CSE B students on 24.1.26 at 10 a.m. The resource person is Mr.R.Venkateshwaran, Assistant Professor, Department of English, St.John's college,Playamcottai. The speaker addressed that ethical values not only achieve technical efficiency but also contribute to sustainable development and human welfare. Hence, cultivating ethical awareness and practice is essential for every professional aspiring to true excellence. Students are very much benefited by the lecture.Finally it ended with a feedback session.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ORGANIZES

Guest Lecture

Title: Ethics as the Foundation for Professional Excellence

RESOURCE PERSON



Mr.R.Venkateshwaran,
Assistant Professor,
Department of English,
St.John's College
Palayamkottai

24 January 2026 | 10 AM

COORDINATOR
DR.S.SUJA PON MINI
ASP/CHEMISTRY

TARGET AUDIENCE:
II CSE B STUDENTS

CONVENOR
DR.L.R.PRIYA
PROFESSOR AND HEAD



Tirunelveli, Tamil Nadu, India
103/g2, By Pass Road, Vannarpet, Poikayyur, Barani

Alumni interaction

Building a Software Career: Insights for the Next Generation

The ECORALS Association of the Department of Electronics and Communication Engineering organized an Alumni Interaction Session titled "Building a Software Career: Insights for the Next Generation" on January 12, 2026 (Monday), from 09:30 a.m. to 11:00 a.m. in the final year A Classroom/ ECE Department.

The session featured Mr. Raja Kannan, B.E. (Alumni 2023), Associate Consultant, Agile Facilitator, Software Engineer, SkillRank as the guest speaker. The event was coordinated by Mrs. E. Francy Irudaya Rani, AP/ECE under the guidance of and Dr.L.R.Priya, HOD/ECE. Mr. Raja Kannan shared his professional journey, offering valuable insights into transitioning from an ECE background to a successful software career. He emphasized the importance of coding skills, industry trends, and the role of interdisciplinary knowledge in securing opportunities in the software domain.



During the session, students gained a deeper understanding of career pathways available to ECE graduates in the software industry. Mr. Raja Kannan discussed essential technical skills, including programming languages, embedded software development, and system design, along with soft skills like problem-solving and adaptability. He also provided guidance on internships, certifications, and industry expectations. The interactive session allowed students to clarify doubts and seek advice on career planning. The event was well-received, motivating students to explore software career opportunities and equipping them with the knowledge to navigate the evolving technology landscape.

Alumini Interaction

Mr. Joel shared his personal journey from college to his current professional role, highlighting the challenges he faced, the skills he developed, and the importance of continuous learning. He emphasized the significance of strengthening core technical knowledge, improving communication skills, and actively participating in practical projects during college to prepare for industry demands. He also discussed various career opportunities available for ECE students in both hardware and software domains, stressing the need to stay updated with emerging technologies. The session provided valuable guidance on resume building, interview preparation, and workplace adaptability. Students actively participated in the interaction by asking questions related to placements, higher studies, certifications, and skill development. The session was highly informative and motivational, helping students gain clarity about planning their careers after graduation.



The department expresses its sincere thanks to Mr. Joel for his valuable time and guidance to the students. The session was a great learning experience and inspired the students to focus on their academic and skill development with a clear vision for their future.

ALUMNI INTERACTION

The Department of Electronics and Communication Engineering organized an Alumni Interaction Session titled "Skills Every Engineer Should Learn Before Graduation" on 24 January 2026 at 11.30 AM. The session aimed to bridge the gap between academic learning and industry expectations by providing students with real-time professional insights.

The session was handled by Er. Sherina Edwin, an alumna of the 2016–2020 ECE batch, who is currently working as a Senior Software Engineer and Java Developer at Guest Global, Trivandrum. During her talk, she elaborated on the essential skills required by engineering graduates, such as technical proficiency, communication skills, adaptability, problem-solving ability, and continuous upskilling. She also highlighted the impact of Artificial Intelligence (AI) on the engineering profession and its significance in shaping future career opportunities.

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Department of
Electronics and Communication Engineering
organises

Alumni Interaction
on
**Skills Every Engineer
Should Learn Before Graduation**

Target Audience
First Year- ECE- 'B'

Ms. Sherina Edwin
Senior Software Engineer
Quest Global, Trivandrum
(Batch - 2016 -2020)

V E N U E **First Year - ECE 'B' Classroom**

24th January 2026 11:30 AM

Co-ordinator & HOD
Department of ECE

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Visit us @ www.francisxavier.ac.in



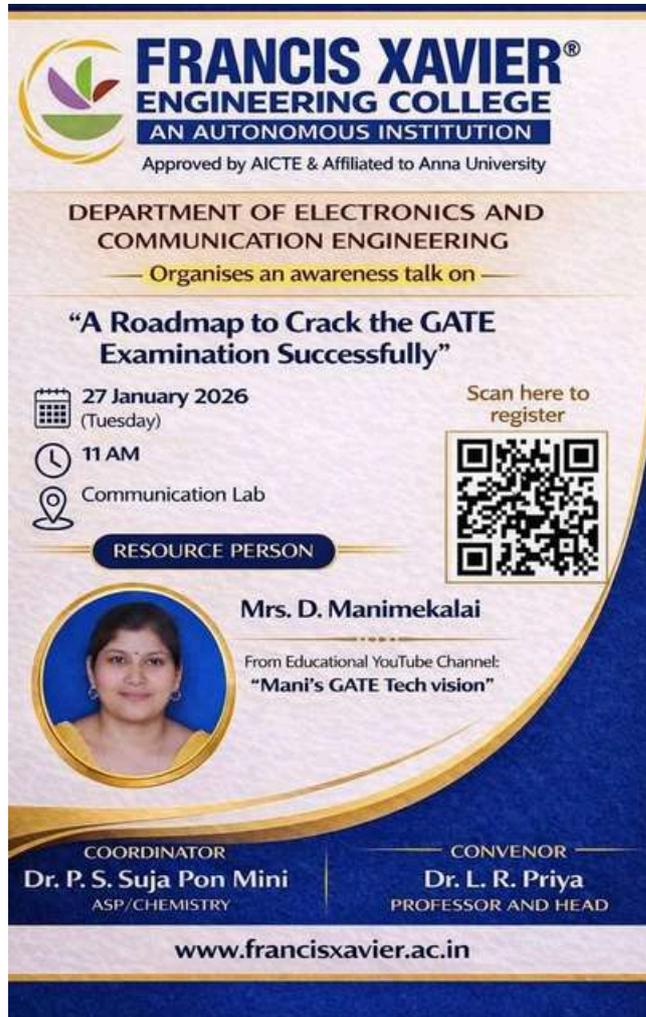
The event was coordinated by Dr. S. Sudharthini, AP/Physics/ECE, under the guidance of Dr.L.R.Priya, HOD/ECE. The session was interactive and informative, motivating students to prepare themselves to meet industry demands effectively.

The alumni interaction proved to be highly beneficial, providing students with clarity on career development and the importance of acquiring industry-oriented skills before graduation.

GATE AWARENESS PROGRAM

(A Roadmap to crack the GATE Examination Successfully)

The GATE Awareness Program on “A Roadmap to Crack the GATE Examination Successfully” was highly informative and inspiring. It equipped students with a clear vision, practical strategies, and confidence to pursue GATE seriously and achieve academic and professional excellence. To create awareness about GATE among Engineers a programme is being arranged for the students of ECE department on 27.1.26 at 11 a.m. The resource person is Dr.D.Manimekalai, Mani's GATE Tech Vision. The program successfully motivated students to start early and prepare in a structured manner. Participants gained clarity about exam pattern, syllabus coverage, and effective preparation techniques. The session helped students understand that consistent effort, smart planning, and regular practice are the keys to crack GATE with a good rank.



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Approved by AICTE & Affiliated to Anna University

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
— Organises an awareness talk on —

“A Roadmap to Crack the GATE Examination Successfully”

27 January 2026
(Tuesday)

11 AM

Communication Lab

Scan here to register



RESOURCE PERSON



Mrs. D. Manimekalai
From Educational YouTube Channel:
“Mani's GATE Tech vision”

COORDINATOR
Dr. P. S. Suja Pon Mini
ASP/CHEMISTRY

CONVENOR
Dr. L. R. Priya
PROFESSOR AND HEAD

www.francisxavier.ac.in



HOLISTIC EXCELLENCE PROGRAM (ART OF LIVING)

The Holistic Excellence Program conducted by the Art of Living Foundation aims at the overall development of individuals by harmonizing the body, mind, intellect, and emotions. The program is designed to cultivate inner peace, self-confidence, ethical values, and professional competence through scientifically validated breathing techniques and value-based learning. To inculcate professional values and inner peace a programme is being arranged for the girl students of ECE department on 23.1.26 at 2 p.m. The resource person is Mr.S.Saravana Prabhu, Programs Head, Art of Living Foundations, TN and Puducherry. The program proved to be highly beneficial in nurturing balanced and value-based individuals. By integrating modern scientific approaches, the program successfully empowered participants to achieve excellence not only in their professional pursuits but also in personal life, thereby fostering a harmonious and purposeful existence. The students enjoyed a lot and gave suggestions to conduct more programmes.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ORGANIZES
Art of Living
Holistic Excellence Program for Students

RESOURCE PERSON



MR.S.SARAVANA PRABHU,
ART OF LIVING -
INSTITUTIONS
PROGRAMS HEAD
(TN AND PUDUCHERRY)

23 January 2026 | 2 PM-4 PM

COORDINATOR TARGET AUDIENCE:
DR.S.SUJA PON MINI ECE DEPARTMENT
ASP/CHEMISTRY GIRLS
MS.N.MALINI
AP/ECE

CONVENOR
DR.L.R.PRIYA
PROFESSOR AND HEAD



Department of Electronics and Communication Engineering
Francis Xavier Engineering College (Autonomous)

National Youth Day

Role of youth in Developing Entrepreneurship for the Growth of Country

On 12.01.2026, a session titled "Role of youth in Developing Entrepreneurship for the Growth of Country" was organized by the Institution Innovation Council (IIC) in association with the Entrepreneurship Development Cell and the Department of Electronics and Communication Engineering, Francis Xavier Engineering College. The program was handled by Dr. R. Prem Ananth, IIC Convenor and Assistant Professor, ECE. A total of 52 I Year ECE 'C' students and two faculty members participated. The event was coordinated by Dr. Pradeep T. Rajan, Assistant Professor, ECE. The session introduced students to the importance of user-centric thinking and innovative problem solving in real-world applications.

The session emphasized the crucial role of young minds in driving innovation-led economic growth. Dr. Prem Ananth highlighted how entrepreneurship transforms ideas into impactful solutions by adopting user-centric thinking, creativity, and systematic problem-solving approaches. Students were motivated to view societal challenges as opportunities for innovation and startup creation, particularly in areas such as healthcare, agriculture, smart infrastructure, and digital services.

The poster features the following text and graphics:

- Top: "NBA ACCREDITED DEPARTMENT" and "Vairaparpettai, Tirunelveli - 627 003."
- Center: "National Youth Day" in a blue script font, followed by "Role of youth in Developing Entrepreneurship for the Growth of Country" in bold blue text.
- Left side: "12th JANUARY 2026 1:30 PM" with a clock icon.
- Center: A circular portrait of Dr. R. Prem Ananth, with "RESOURCE" and "PERSON" labels.
- Right side: "In association with Department of Electronics and Communication Engg." and "IIC President".
- Bottom: "Organised by Entrepreneurship Development Cell & Institution's Innovation Council".
- Bottom section: "FRANCIS XAVIER ENGINEERING COLLEGE AN AUTONOMOUS INSTITUTION NBA ACCREDITED DEPARTMENT Vairaparpettai, Tirunelveli - 627 003." followed by "National Youth Day Role of youth in Developing Entrepreneurship for the Growth of Country".

CERTIFICATE OF PARTICIPATION

This is to certify that **A.NANTHINI** has actively participated in the Session on "Role of youth in Developing Entrepreneurship for the Growth of Country" presented by Dr. R Prem Ananth, IIC Convener, IIC Innovation Ambassador for "Design thinking & Innovations", Assistant professor, Francis Xavier Engineering College. The Session was Organized by EDC cell of Department of Electronics & Communication Engineering in association with Institution's Innovation Council of Francis Xavier Engineering College, Tirunelveli, Tamilnadu on 12.01.2026.



HR CONCLAVE – IDEAS WORTH SHARING, FUTURES WORTH BUILDING - REPORT

The Department of Electronics and Communication Engineering (ECE) organized an HR Conclave in collaboration with ICT Academy and Uimage TN on 07 January 2026, from 2:00 PM to 4:30 PM, for the benefit of ECE students. The objective of the conclave was to bridge the gap between academia and industry by providing students with insights into current industrial practices, emerging technologies, and future career prospects.

The conclave featured eminent industry professionals Mr. Sakthi Babu and Mr. Jayaraj Alagarsamy, Technical Managers from HCL Technologies, who delivered expert talks on the theme “Idea Worth Sharing & Future Worth Building.” The programme was effectively coordinated by Dr. B. Pradheep T. Rajan, Assistant Professor, Department of ECE.

The poster features logos for Francis Xavier Engineering College, NBA, ICTACADEMY, IEEE, HCLTech, Career Shaper™, and UimageTN. The main title is "Corporate to Campus HR CONCLAVE 2026" dated 07.01.2026, categorized as a "TECH-TALK". The theme is "Ideas Worth Sharing. Futures Worth Building." It is hosted by ICT Academy & HCLTech at Francis Xavier Engineering College. The event is coordinated by the Department of Electronics and Communication Engineering. Key roles listed include Co-ordinator (Dept. of ECE), Convener (Dept. of ECE), and Principal (FXEC). Social media handles and the website www.francisxavier.ec.in are also provided.

This poster features logos for HCLTech, Career Shaper™, UimageTN, and ICTACADEMY. The main title is "UimageDX" dated 07.01.2026. It is hosted by Francis Xavier Engineering College, an Autonomous Institution. The event features three keynote speakers: Dr. V. Velmurugan (Principal, Francis Xavier Engineering College), Mr. Sakthi Babu (Specialist-Technical, HCL Tech), and Mr. Jayaraj Alagarsamy (Specialist-Technical, HCL).



National Startup Day

Igniting Innovation: National Startup Day 2026

On 20.01.2026, a session titled "Igniting Innovation: National Startup Day 2026" was organized by the Institution Innovation Council (IIC) in association with the Entrepreneurship Development Cell and the Department of Electronics and Communication Engineering, Francis Xavier Engineering College. The program was handled by Er Jey Siddharth, Founder & COE of HELEYON Technologies, CTO & Board Member of Ezybee LLC, New York. A total of 48 I Year ECE 'C' students and two faculty members participated. The event was coordinated by Dr. R Prem Ananth, Assistant Professor, ECE.



The resource person shared his entrepreneurial journey, highlighting how identifying real-world problems forms the foundation of successful startups. He explained how his initial ideas evolved into viable products through continuous observation, customer interaction, and iterative design. By narrating challenges faced during product development, funding, and market entry, he motivated students to view failures as learning opportunities. He also stressed the need for interdisciplinary thinking, teamwork, and the effective use of emerging technologies to develop innovative and sustainable solutions for societal and industrial problems.

Online Night Skill for II Year ECE C Programming – Level 1 & Level 2

The Department of Electronics and Communication Engineering organized an Online Night Skill Training Programme on “C Programming – Level 1 & Level 2” for Second Year ECE students from 05.01.2026 to 10.01.2026 (6 days) during 7:00 PM to 8:30 PM. The objective of the programme is to enhance students practical programming skills and problem-solving abilities using the C programming language. The training focused on fundamental and intermediate concepts of C programming, including program structure, data types, operators, control statements, functions, arrays, pointers, and basic problem-solving techniques. The sessions combined theoretical explanations with hands-on coding practice, enabling students to develop logical thinking and coding proficiency. Students actively participated in coding exercises and practice sessions, which helped them gain confidence in writing, debugging, and optimizing C programs. The programme fostered an interactive and collaborative learning environment and equipped participants with essential programming skills required for core engineering subjects and entry-level technical roles. The programme was organized under the guidance of Dr. L. R. Priya, HoD /ECE, and coordinated by Dr. M. V. Rajee. All second-year ECE students were encouraged to attend regularly and make effective use of this opportunity. The Night Skill Training Programme was successfully conducted and contributed significantly to strengthening the programming foundation of the students and motivating them to apply C programming concepts in academic and real-world problem-solving scenarios. Students gained strong foundational knowledge in the topics covered during the Night Skill Programme.



The poster features the logos of Francis Xavier Engineering College and IEEE. It is organized by the IEEE Professional Society & ECORAL's Association of Electronics and Communication Engineering. The event is titled "NIGHT SKILL PROGRAM ON C PROGRAMMING LEVEL-1 & LEVEL-2". It is held online from 05-01-2026 to 10-01-2026, from 7:00 PM to 8:30 PM. A QR code is provided for registration. The registration link is <https://prouls.link/KjXI26>. The coordinator is Dr. M. V. Rajee and the convener is Dr. L. R. Priya. Other names listed include Dr. V. Velmurugan.



The top screenshot shows a Kahoot! quiz titled "C Programming Language" in progress. The quiz is being presented by Gomathi Durga S. The current question is about the output of a C program. The quiz shows a score of 13966 for the user 'nand'. The bottom screenshot shows a Zoom meeting interface. The meeting is titled "gbg-nrja-ymf". The meeting is being presented by Jaffin. The Zoom interface shows a list of participants, a chat window, and a code editor displaying C code. The code is a simple program that prints "Hello World!".

Expert Talk on “Challenges and Issues in Lower Technology Node in ASIC Physical Design”

The Department of Electronics and Communication Engineering organized an expert talk on “Challenges and Issues in Lower Technology Node in ASIC Physical Design” on 31.01.2026 from 11:15 AM to 12:30 PM. The session was delivered by Mr. Raja Muthiah, Physical Design Engineer at D-Design Co., Ltd., Japan. He has worked with leading global clients such as Intel Corporation and Panasonic Corporation (Nuvoton), bringing rich industry exposure and practical insights to the session. Mr. Raja Muthiah elaborated on the emerging challenges faced in lower technology nodes, including complexities in routing congestion, signal integrity issues, power optimization, electromigration, IR drop, and timing closure in advanced VLSI design. He also discussed real-time industrial scenarios and best practices followed in leading semiconductor companies to overcome these issues. The session provided valuable insights into advanced ASIC physical design methodologies, industry expectations, and career opportunities in the semiconductor domain. Students and faculty members actively participated in the interactive session and clarified their queries regarding backend design flow and tool usage. The program was coordinated by Dr. S. Allwin Devaraj, ASP/ECE, and convened by Dr. L. R. Priya, HOD/ECE. The event witnessed enthusiastic participation from students, who registered through the provided Google Form link.

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Department of
Electronics and Communication Engineering
organize

GUEST LECTURE ON
Challenges and Issues in Lower Technology node
in ASIC PHYSICAL DESIGN

31 SATURDAY
JANUARY 2026
11:15 am - 12:30 pm

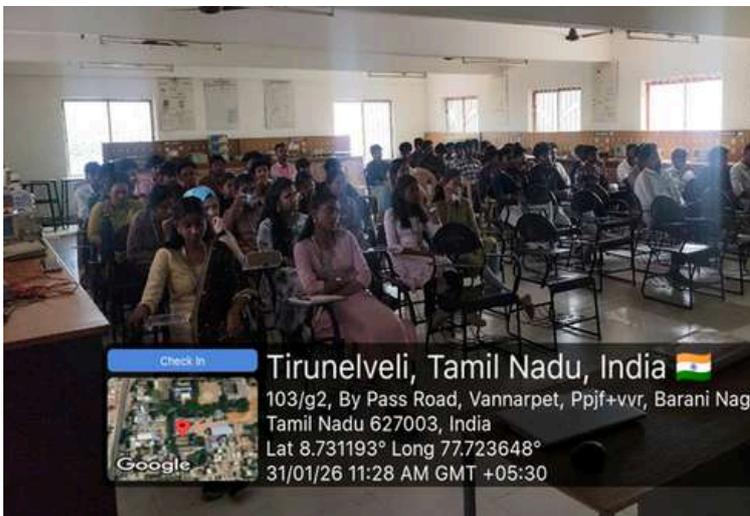
REGISTER NOW
<https://forms.gle/LK3nv9E4nZWsr2HA8>

Er. Raja Muthiah
Physical Design Engineer
D-design Co., Ltd.
Japan.

Coordinator:
Dr. S. Allwin Devaraj
Associate Professor / ECE

Convener:
Dr. L.R. Priya
HOD / ECE

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SOCIAL MEDIA



Marching Towards a Successful Career Path

An Alumni Guest Lecture on the topic “Marching Towards a Successful Career Path” was organized on 31.01.2026. Around 60 students registered and attended this program. It served as a valuable platform to transform students into industry-ready professionals. It provided the essential tools, insights, and confidence to help them embark on their careers with a clear sense of direction and purpose. Based on its success, the programme is recommended to be conducted potentially expanded to include junior students as a preparatory measure. The students have given feedback about the session. They have suggested that they have received knowledge and information through this programme.



RJ Hunt - Be the next Radio Jockey

The Radio Club, under the coordination of the Department of Electronics and Communication Engineering, in association with the IEEE Professional Society/ECORAL'S, successfully organized an inter-departmental technical-cum-cultural event titled "RJ Hunt – Be the Next Radio Jockey." The event was conducted with the objective of identifying and nurturing student talent in radio jockeying, communication skills, and creative expression.

The program witnessed enthusiastic participation from students across various departments. Participants showcased their skills through activities such as voice modulation, spontaneous talk, script reading, and on-the-spot interaction, reflecting the essential qualities of a radio jockey. The event provided a platform for students to enhance their confidence, presentation skills, and creativity while gaining exposure to the fundamentals of radio broadcasting.

The judging panel evaluated participants based on clarity of voice, content delivery, originality, time management, and audience engagement. Winners and active participants were appreciated for their performance, and certificates were distributed accordingly.

Overall, RJ Hunt – Be the Next Radio Jockey was a vibrant and engaging event that successfully blended technical awareness with communication excellence. The program contributed to the holistic development of students and reinforced the role of the Radio Club in promoting co-curricular and skill-based learning beyond the classroom.





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