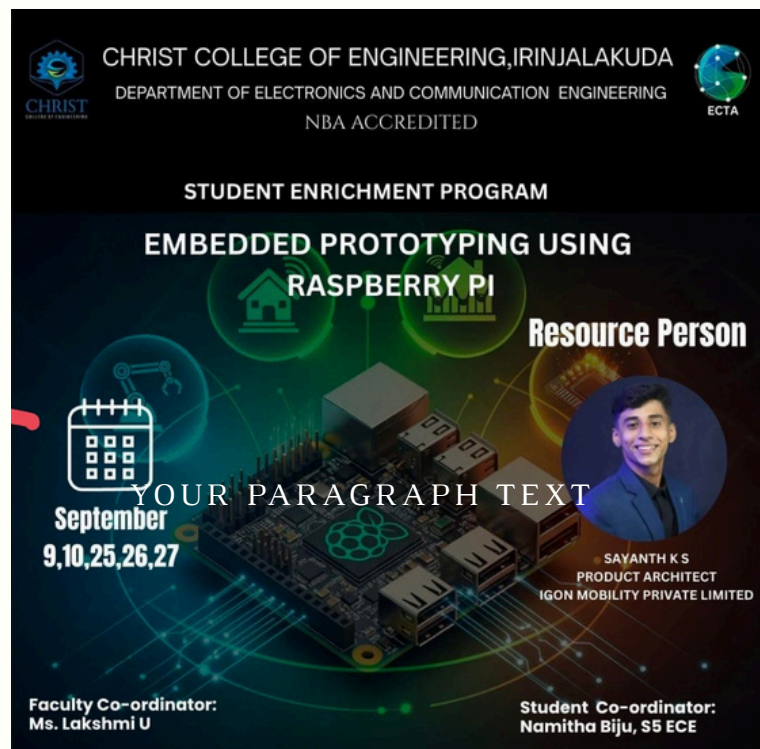


GLIMPSE

*Newsletter of Electronics and Communication Engineering Department,
Christ College of Engineering, Irinjalakuda*



EVENT



A student enrichment program on "Embedded Prototyping Using Raspberry Pi" was conducted on September 9,10,25,26,27 2025 at the Signal Processing & Computation lab of Christ College of Engineering, Irinjalakuda. The program was led by Sayanth K S, Product Architect, IGON Mobility Private Limited. The event was coordinated by Ms. Lakshmi U, Assistant professor, the Department of Electronics and Communication Engineering. Student coordinator was Ms. Namitha Biju, S5 ECE. It provided practical exposure to embedded prototyping using Raspberry Pi by combining theoretical concepts with hands-on

EVENT



CHRIST
COLLEGE OF ENGINEERING
(AUTONOMOUS)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(NBA ACCREDITED)

TECHNICAL SESSION BY GERMAN EXPERT

ONGOING INDUSTRIAL PROJECTS AND REAL USE CASES IN GERMANY IN THE DOMAIN OF 5G/6G, IOT, EMBEDDED AI



Mr. DOMINIK WELTE
SENIOR SOFTWARE ARCHITECT, IICT GMBH, GERMANY

Date & Time :-
09 DECEMBER 2PM - 4PM

Venue :-
CHRIST HALL

FACULTY COORDINATORS:
Ms. SWATHY PM
Mr. FEBIN RAJU

STUDENT COORDINATORS:
KEERTHANA, ABIN WILSON - S6 ECE
JAFFRIN SHAJU, RIYANA DOMINIC - S6 EEE

The expert session covered the following major topics: Latest advancements in 5G and 6G communication technologies Role of Time Sensitive Networking (TSN) in industrial automation .Practical applications of IoT and Embedded AI in smart industries Importance of secure and synchronized networks for Industry 4.0 Integration of private 5G networks in industrial environments. The speaker shared real-time industrial examples, explaining how modern factories and smart systems rely on ultra-reliable, low-latency communication networks.

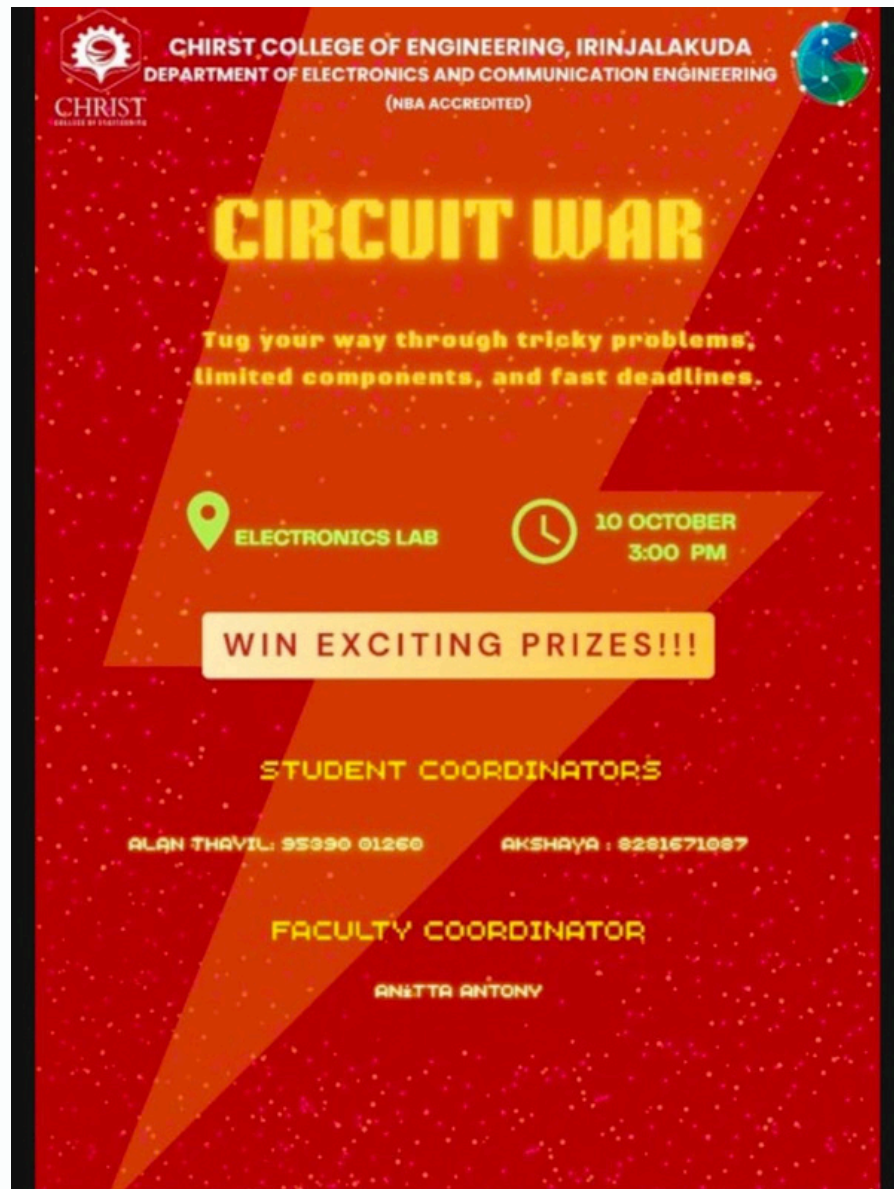
EVENT

Training -cum-technical Mentoring Programme For students Of Carmel HSS



The Department of Electronics and Communication Engineering (ECE), Christ College of Engineering, organized a Training-cum-Technical Mentoring Programme for students of Carmel HSS who expressed interest in Robotics, Internet of Things (IoT), Electronics, and project development. The programme was designed to equip school students with foundational technical knowledge, practical skills, and continuous mentorship to enable them to successfully develop innovative projects and participate in various inter-school technical competitions and exhibitions.

EVENT



The Department of Electronics and Communication Engineering, Christ College of Engineering, Irinjalakuda (NBA Accredited), organized an engaging technical event titled "Circuit War" on 10th October 2025 at 3:00 p.m. in the Electronics Lab. The competition challenged participants to design and troubleshoot circuits under limited resources and strict time constraints, testing their problem-solving, analytical, and team work skills. Students enthusiastically participated, showcasing creativity and technical proficiency while competing for exciting prizes. The event successfully fostered a spirit of innovation and practical learning among students. Ms. Anitta Antony served as the Faculty Coordinator, with Alan Thayil and Akshaya as Student Coordinators.

EVENT



The poster is for an 'Industry Connect' event at Christ College of Engineering, Irinjalakuda. It features a blue background with a circuit-like pattern. At the top left is a globe icon, and at the top right is the Christ College logo. The text 'CHRIST COLLEGE OF ENGINEERING IRINJALAKUDA' is prominently displayed, followed by 'Department of Electronics and Communication Engineering (NBA Accredited)'. The main title 'Industry Connect' is in a large, bold font. Below it, the tagline 'Engage, Explore & Excel with Industry Experts!' is written in a stylized font. A circular photo of Ms. Ashitha S. Babu is shown. The event details, including the date (11th October 2025), time (7:00pm to 8:30pm), and coordinators (Ms. Anitta Antony, Martin Logi, and Jophna Jophi), are listed. A list of bullet points highlights Ms. Babu's expertise in AI-powered platforms, LLMs, and her work with ISRO and the Indian Army. The poster concludes with a call to action: 'Don't miss this chance to interact with an industry expert and gain insights from real-world experience!'.

**CHRIST COLLEGE OF ENGINEERING
IRINJALAKUDA**

Department of Electronics and Communication Engineering
(NBA Accredited)

Industry Connect

*Engage, Explore & Excel
with Industry Experts!*

Get ready for inspiring interaction with
leading professional who's
transforming world of technology and innovation.

Date : 11th October 2025
Time : 7:00pm to 8:30pm

Faculty Coordinator : Ms Anitta Antony
Student Coordinator's
Martin Logi (S3 EC) : 7356974246
Jophna Jophi (S3 EC) : 7306338148

Session by: Ms Ashitha S Babu

- 6+ Years of experience in AI-powered B2B SaaS Platforms (BFSI, Life Sciences)
- Expertise in LLMs, Automation, and Experience in AI Product & Execution for Global Clients (US, India)
- \$5M+ projected annual value and 40% efficiency improvement
- Launched Cloud-Native Logistics Platforms for ISRO and Indian Army (L&T Defence)

B. Tech - NIT Calicut MBA - Top % Merit Scholar

Don't miss this chance to interact with an industry expert and gain
insights from real-world experience!

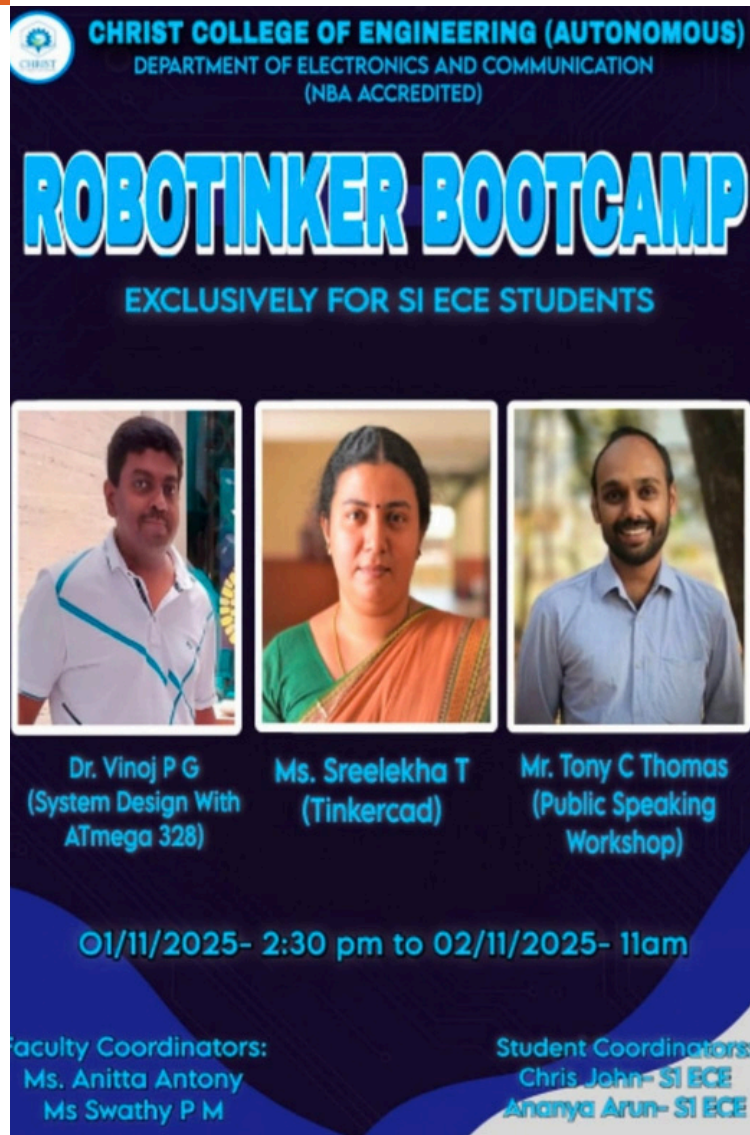
The Department of Electronics and Communication Engineering, Christ College of Engineering, Irinjalakuda (NBA Accredited), organized an Industry Connect session on 11th October 2025 from 7:00 p.m. to 8:30 p.m. The session featured Ms. Ashitha S. Babu, an industry professional with over six years of experience in AI-powered B2B SaaS platforms across BFSI and Life Sciences domains. She shared valuable insights on AI product development, automation, and the implementation of Large Language Models (LLMs) for global clients. Ms. Ashitha also discussed her contributions to projects with ISRO and L&T Defence, highlighting her achievements in delivering \$5M+ projected value with 40% efficiency improvement. The interactive session inspired students to explore emerging technologies and understand their real-world applications. The event was coordinated by Ms. Anitta Antony (Faculty Coordinator) and student coordinators Martin Logi and Jophna Jophi from S3 ECE

EVENT



The Department of Electronics and Communication Engineering, Christ College of Engineering, Irinjalakuda, organized an Industry Interactive Session on "Recent Trends in Agentic AI" on 19th August 2025 at the Conference Hall. The session was led by Ms. Neethu Tunish, Principal Infosec Engineer, HMH-Education, USA, who shared valuable insights into the emerging field of Agentic AI and its growing applications in industry and research. The interactive session provided students with an opportunity to understand the latest technological advancements, explore career prospects, and connect academic knowledge with real-world practices. The event was coordinate

EVENT



CHRIST COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
(NBA ACCREDITED)

ROBOTINKER BOOTCAMP

EXCLUSIVELY FOR SI ECE STUDENTS



Dr. Vinoj P G
(System Design With
ATmega 328)



Ms. Sreelekha T
(Tinkercad)



Mr. Tony C Thomas
(Public Speaking
Workshop)

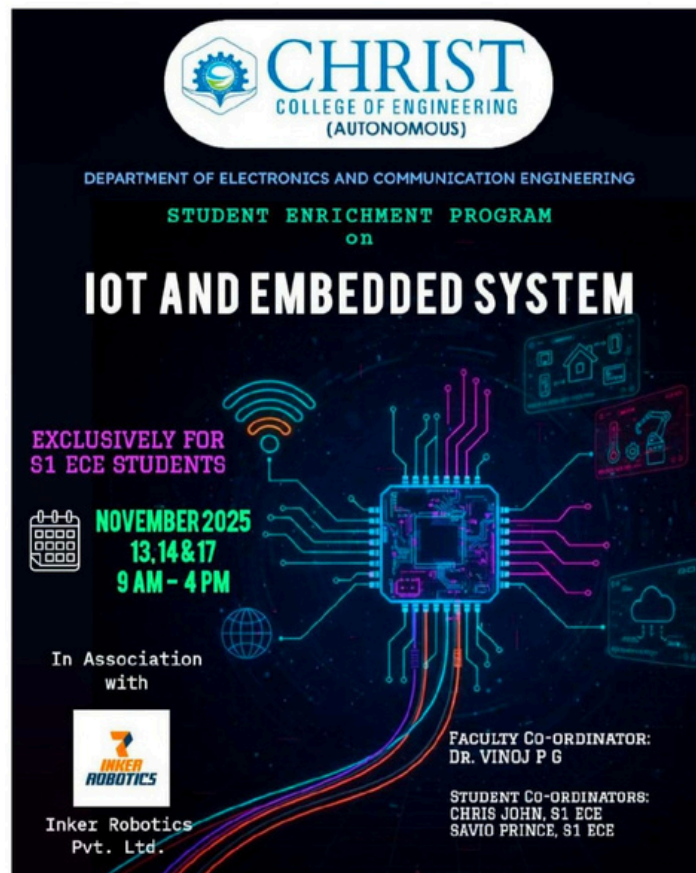
01/11/2025- 2:30 pm to 02/11/2025- 11am

Faculty Coordinators:
Ms. Anitta Antony
Ms Swathy P M

Student Coordinators:
Chris John- SI ECE
Ananya Arun- SI ECE

The ROBOTINKER Bootcamp is an exclusive, hands-on technical training program organized by the Department of Electronics and Communication Engineering, Christ College of Engineering (Autonomous), exclusively for SI ECE students. This bootcamp is designed to bridge the gap between theoretical concepts and real-world applications in the field of embedded systems, robotics, and design thinking. The event brings together expert-led sessions covering system design using ATmega328 microcontrollers, Tinkercad, and professional skill development through public speaking workshops. Conducted over two days, the bootcamp aims to enhance students' technical competence, creativity, and communication skills, thereby fostering innovation, problem-solving ability, and industry readiness among budding engineers.

EVENT



To provide hands-on training in Embedded Systems and Internet of Things (IoT) using ESP32 microcontrollers, enabling students to design and develop real-time automation and smart system

applications.

1. Introduction to Embedded Systems

To familiarize students with the architecture and working principles of embedded systems and microcontrollers.

2. Understanding IoT Concepts

To provide an overview of IoT technologies, communication protocols, and real-world applications.

3. Hands-on Hardware Training

To enable students to interact with embedded boards, sensors, and actuators through practical sessions.

4. Practical Project Exposure

To guide students in implementing simple IoT-based projects and understanding system integration.

EVENT



CHRIST COLLEGE OF ENGINEERING, IRINJALAKUDA
DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING
NBA ACCREDITED

**INDUSTRIAL TRAINING ON
STM32 EMBEDDED SYSTEMS,
IoT & AI APPLICATIONS**

Comprehensive Industry-Ready Curriculum using
STM32 ARM & FreeRTOS

- STM32 ARM Architecture
- FreeRTOS Real-Time Programming
- IoT & Cloud Integration (MQTT / HTTP)
- Embedded AI Applications
- Hands-on Capstone Project

FreeRTOS

Organized By:
Department of Electronics
and Communication Engineering
In association with
Tensorbot Innovations Pvt. Ltd.

Faculty Co-ordinator:
Mr. Abhilash O S

Student Co-ordinators:
John Anto Chirayath (S7 ECE)
Hishma Nehrin (S7 ECE)

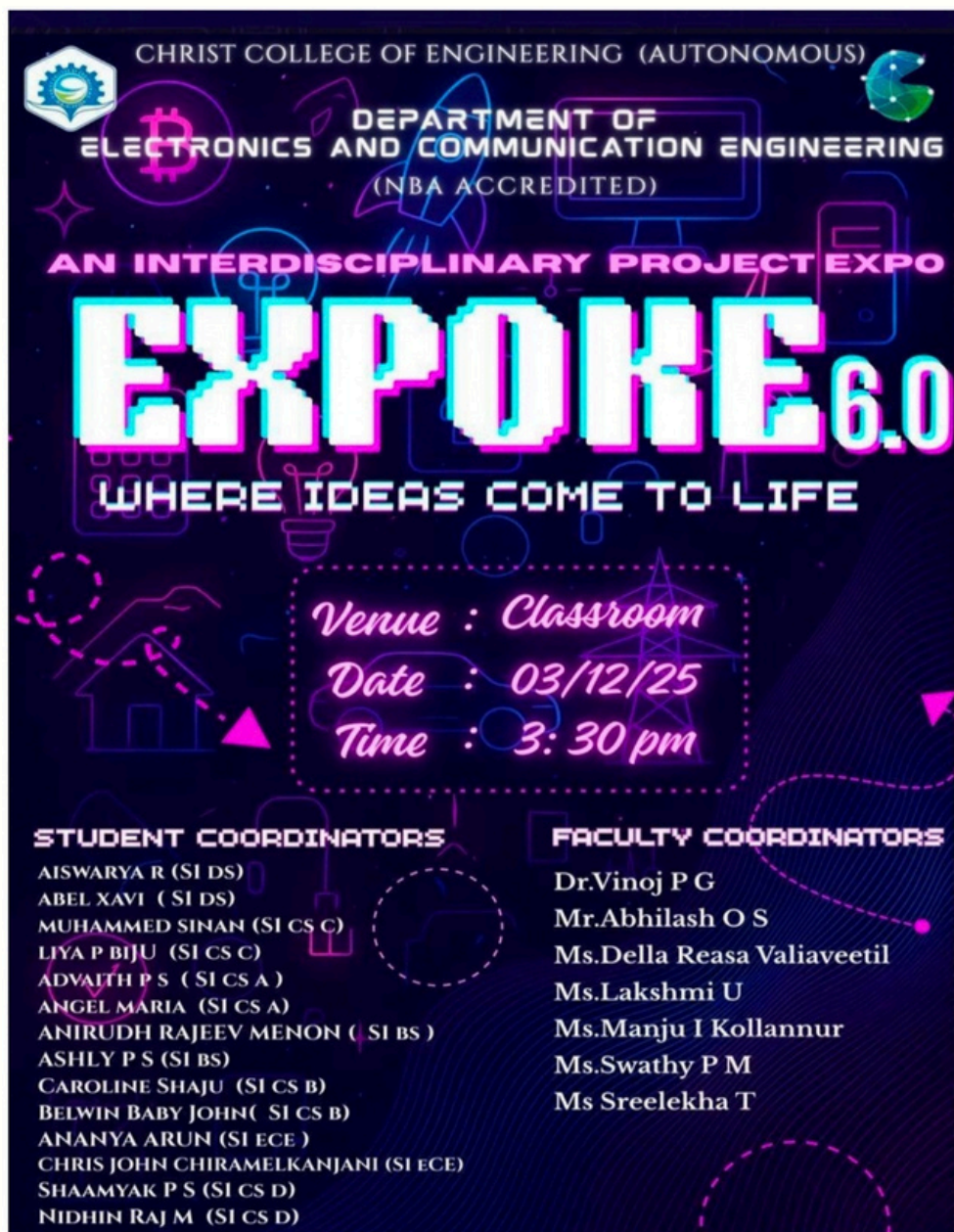
TensorBot, founded in 2017, partnered with Christ College of Engineering to deliver an intensive 20-day training program. The course was designed to bridge the gap between academic theory and real-world applications in applied embedded electronics and robotics.

EVENT



ESTRELLA 2.0 was a creative and hands-on workshop organized by the Department of Electronics and Communication Engineering, Christ College of Engineering (Autonomous). The workshop aimed to introduce participants to the basics of neon light crafting and simple electronic concepts through practical implementation. The session encouraged creativity, innovation, and experiential learning by allowing participants to design and fabricate custom-shaped glowing Christmas decorations.

EVENT



EXPLORE 6.0 is an interdisciplinary project expo conducted by the Department of Electronics and Communication Engineering to showcase student projects that integrate concepts from multiple engineering domains. The event aimed to promote creativity, teamwork, problem solving, and real-time application of classroom knowledge through project-based learning.

EVENT



The poster features a dark background with a golden wireframe sphere and a large, ornate golden trophy with a five-pointed star on top. The text is primarily in gold and white. The title 'AAROH '25' is in large, bold, gold letters. Below it, 'CHRIST TECHNOPRENEUR AWARDS' is in white, followed by the tagline '“HONOURING OF TECH TITANS!”' in smaller white text. The date 'Dec 08 2025' is enclosed in a gold-bordered box. The venue 'Christ College of Engineering' is in a grey box. Faculty and student coordinators are listed in white text on the bottom left.

 **CHRIST COLLEGE OF ENGINEERING (AUTONOMOUS)**
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(NBA ACCREDITED) 

AAROH '25

CHRIST TECHNOPRENEUR AWARDS

“HONOURING OF TECH TITANS!”

Dec **08** 2025

Venue :-
Christ College of Engineering

FACULTY COORDINATORS:
AJEESH S
MANJU KOLLANNUR

STUDENT COORDINATORS:
JOSEPH THOMAS T
ANLIN ANTO

EVENT


CHRIST COLLEGE OF ENGINEERING (AUTONOMOUS)
 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 (NBA ACCREDITED)



AAROH '25



CHIEF GUEST

Gp. Capt. PRASANTH BALAKRISHNAN NAIR
(INDIAN ASTRONAUT FOR GAGANYAAN MISSION)

CHRIST TECHNOPRENEUR AWARDS

"HONOURING OF TECH TITANS!"

Venue :- Christ College of Engineering

08 DEC 2025



ക്രൈസ്റ്റ് എൻജിനീയറിംഗ് കോളജിൽ സംഘടിപ്പിച്ച സാങ്കേതിക സംരംഭകത്വ മേഖലയിൽ മികവു തെളിയിച്ച പ്രതിഭകളെ ആദരിക്കൽ സമ്മേളനം പ്രശാന്ത് ബാലകൃഷ്ണൻനായർ ഉദ്ഘാടനം ചെയ്യുന്നു.

സാങ്കേതിക സംരംഭകരെ ആദരിച്ചു

ഇരിങ്ങാലക്കുട: ക്രൈസ്റ്റ് കോളജ് ഓഫ് എൻജിനീയറിംഗ് ദശമ ത്വര ആഘോഷ പരിപാടികളുടെ ഭാഗമായി സാങ്കേതികസംരംഭകത്വ മേഖലയിൽ മികവു തെളിയിച്ച പ്രതിഭകളെ ആദരിച്ചു.

എക്സിക്യൂട്ടീവ് ഡയറക്ടർ ഫാ. ജോൺ പാലിയേക്കര അധ്യക്ഷതവഹിച്ചു. സമ്മേളനം ഐഎസ്ആർഓയുടെ ഗഗൻയാൻ മിഷനിലേക്ക് ഗഗനചാരിയായി തെരഞ്ഞെടുക്കപ്പെട്ട ഗ്രൂപ്പ് ക്യാപ്റ്റൻ പ്രശാന്ത് ബാലകൃഷ്ണൻനായർ ഉദ്ഘാടനം ചെയ്തു. കെഎസ്ഐഡിസി ചെയർമാൻ സി. ബാലഗോപാൽ മുഖ്യ പ്രഭാഷണം നടത്തി. സംരംഭകരായ രാഹുൽ പി.ബാലചന്ദ്രൻ (ഇൻകർ റോബോട്ടിക്സ്), ഡോ. ശ്രീകാന്ത് മാധവൻ (കബനി ടെക്), ശ്യാം പ്രദീപ് ആലിൽ, തോം

സൺ ടോം (ഇൻഫ്യൂസറി ഫ്യൂച്ചർ ടെക്), അനൂജ ബഷീർ (ഐക്സിക്യൂട്ടീവ്), ദേവൻ ചന്ദ്രശേഖരൻ (ഫ്യൂസലേജ്), ഡോ. നഫീസത്തുൽ മിസ്രിയ (മിൻഹാജ് ബിൽഡേഴ്സ്), ഗിഫ്റ്റ് ടോം ബിജു (ടോമാട്രിക്സ് ടെക്നോളജീസ്), മനു ഫ്രാൻസിസ് (എഡ്വൈർ ഇലേണിംഗ്), അജയ് ബേസിൽ വർഗീസ് (ലോജിക് ബോക്സ് ഇന്നവേഷൻസ്), വിഷ്ണു നാഗരാജ്, അലീഷ ഡേവിസ് (കാർവ് സ്റ്റാർട്ട് അപ്പ് ലാബ്) എന്നിവരാണ് ആദരിച്ചത്. ഇലക്ട്രോണിക്സ് ആൻഡ് കമ്പ്യൂട്ടേഷൻ വിഭാഗത്തിന്റെ നേതൃത്വത്തിൽ സംഘടിപ്പിച്ച പരിപാടിയിൽ പ്രിൻസിപ്പൽ ഡോ. എം.ടി. സിജോ, ഡോ. കാരൻ ബാബു, മഞ്ജു ഐ.കൊള്ളുന്ന് എന്നിവർ പ്രസംഗിച്ചു.


CHRIST COLLEGE OF ENGINEERING (AUTONOMOUS)
 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 (NBA ACCREDITED)



AAROH '25



GUEST OF HONOR

C. BALAGOPAL
Chairman of the Kerala State Industrial Development Corporation (KSIDC)

CHRIST TECHNOPRENEUR AWARDS

"HONOURING OF TECH TITANS!"

Venue :- Christ College of Engineering

08 DEC 2025

EVENT

CHRIST COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(NBA ACCREDITED)

AAROH '25

CHRIST TECHNOPRENEUR AWARD WINNERS



RAHUL P BALACHANDRAN
INKER ROBOTICS



ANOOJA BASHIR
OUREA, FLEXICLOUD



THOMSON TOM
SHYAM PRADEEP ALIL
INFUSORY FUTURE TECH



Dr. SREEKANTH MADHAVAN
KABANI TECH



GIFTON TOM BIJU
TOMATRIX TECHNOLOGIES

CHRIST COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(NBA ACCREDITED)

AAROH '25

CHRIST TECHNOPRENEUR AWARD WINNERS



DEVAN CHANDRASEKHARAN
FUSELAGE INNOVATIONS



Dr. NAFEESEATHUL MIZRIYA
MINHAJ BUILDERS



VISHNU NAGARAJ
ALISHA DAVIS
CARVE STARTUP LABS



AJAY BASIL VARGHESE
VOOXO LABS



MANU FRANCIS
EDWHERE LEARNING

CHRIST COLLEGE OF ENGINEERING (AUTONOMOUS)
Department of Electronics & Communication Engineering
Proudly Presents

AAROH '25

CHRIST TECHNOPRENEUR AWARDS

CHIEF GUEST



GP. CAPT. PRASANTH NAIR
(INDIAN ASTRONAUT FOR GAGANYAAN MISSION)

GUEST OF HONOUR



C. BALAGOPAL
CHAIRMAN OF THE KERALA STATE INDUSTRIAL
DEVELOPMENT CORPORATION (KSIDC)

Date: 8th Dec. 2025 | Time: 11.30 A.M. | Venue: Open Auditorium

CHRIST COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
(NBA ACCREDITED)

AAROH '25

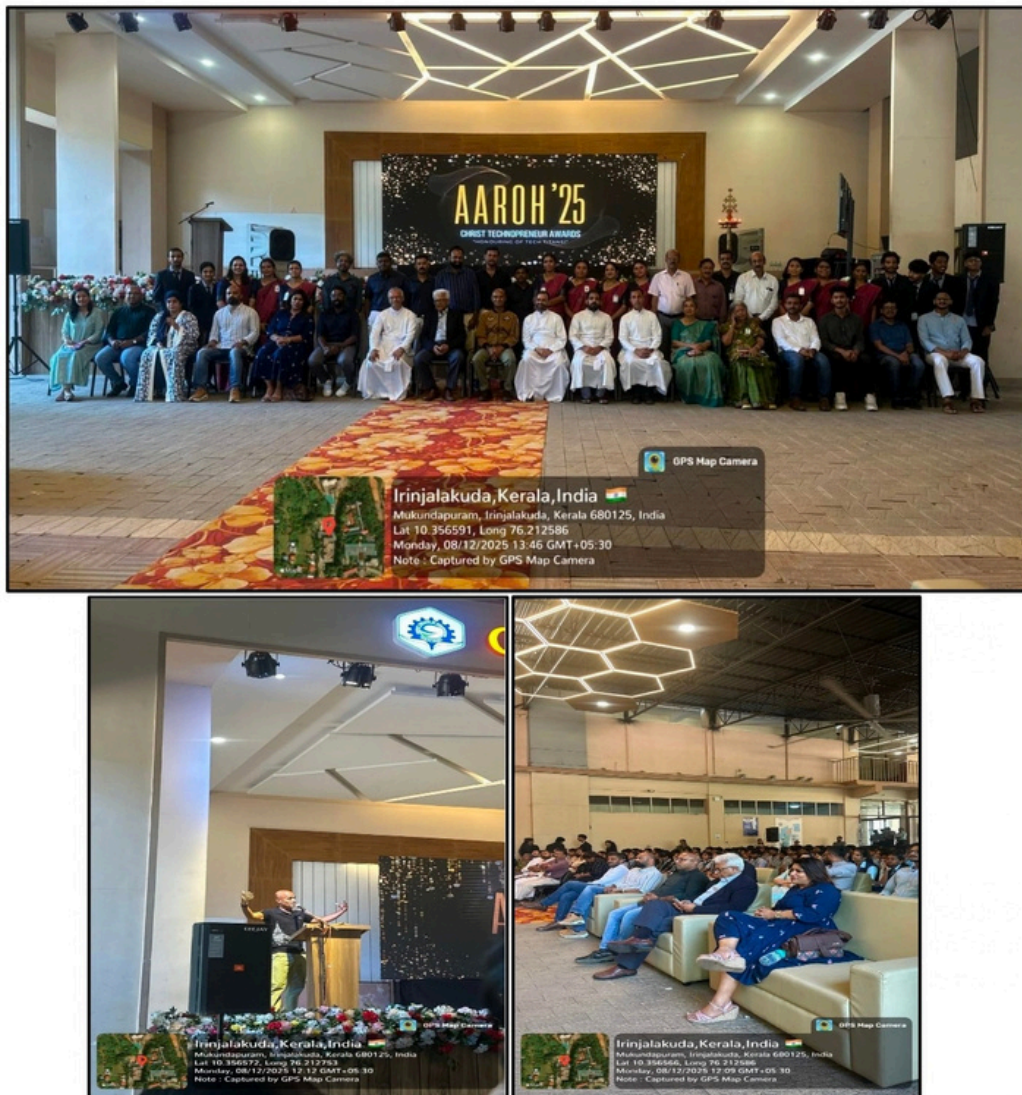
DISTINGUISHED LECTURE
"DEVELOPING AN ASTRONAUT MINDSET"



Gp. Capt. PRASANTH BALAKRISHNAN NAIR
INDIAN ASTRONAUT FOR GAGANYAAN MISSION

Venue :-
ST. THOMAS HALL
Christ College of Engineering
Time :- 10.30 AM
08 DEC 2025

EVENT



Technopreneurship plays a significant role in fostering innovation and technological growth in today's competitive world. With the objective of promoting entrepreneurial awareness among students and recognizing excellence in technology-driven entrepreneurship, the Department of Electronics and Communication Engineering, Christ College of Engineering, Irinjalakuda, organized AAROH' 25, a technopreneurship award ceremony. The event was effectively coordinated by dedicated faculty coordinators, Mr. Ajeesh S and Mrs. Manju Kollannur, and student coordinators, Mr. Joseph Thomas (S8 ECE) and Ms. Anlin Anto (S6 ECE), ensuring smooth planning and execution. AAROH 25 provided an inspiring platform for students and faculty to interact with accomplished industry leaders, thereby encouraging an entrepreneurial mindset and professional growth.

ACHIEVEMENT

BEST PAPER AWARD AT IEEE ICSCC 2025



Empowering Innovators for Tomorrow
Affiliated to KTU | Approved by AICTE | A CMI Institution
Irinjalakuda, Thrissur - 680125, Kerala
0480 2825355 | contact@cce.edu.in | www.cce.edu.in

HEARTY CONGRATULATIONS

on winning the **Best Paper Award** at '**IEEE ICSCC 2025**'
in '**Smart Embedded Systems**' Track



Annliya Raju, Nivedhitha V Anil, Archana T A, Seethalakshmi C D
(B Tech ECE 2021-25) and their
mentors **Dr. Krishnapriya S** and
Mr. Tony C Thomas

for the paper titled '**FEA and Experimental Studies of MOS Microgas Sensor with Integrated In-plane Microheater**'

Supported by KTU CERD Fund

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

📸 **Proud Moment for Christ College of Engineering**

Our Electronics and Communication Engineering students recently won the best paper award at IEEE ICSCC 2025 in "SMART EMBEDDED SYSTEMS TRACK".

Team: Annliya Raju, Nivedhitha V Anil, Archana T A, Seethalakshmi C D 🙌
M

VISION

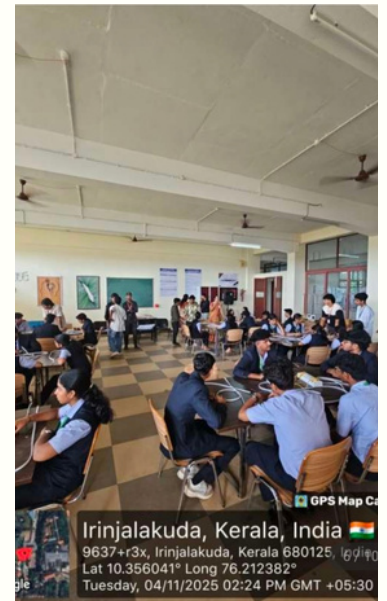
To be a premier center of education, research, and innovation in Electronics and Communication Engineering that nurtures adept engineers responsive to global challenges and societal needs.

MISSION

- To enhance the teaching-learning process by implementing state-of-the-art practices suitable for a challenging technological world.
- To promote innovative research in emerging areas for the advancement of knowledge towards developing sustainable solutions for the society.
- To foster ethics, values and an urge for continuous improvement vital for professionals to emerge as responsible leaders.

PSO

- Apply in-depth knowledge in Signal Processing, Microelectronics and VLSI, Embedded Systems and Communication Systems to analyze, design, and implement energy-efficient and environmentally sustainable solutions for real-world engineering problems
- Demonstrate professional competence by applying engineering principles and modern tools to succeed in industry, entrepreneurship, and higher education in Electronics and Communication Engineering and allied domains.
- Foster innovative research in emerging domains such as Artificial Intelligence, Health Care, and Nanoelectronics, leading to technological advancements beneficial for society by upholding ethical standards.



EDITORIAL TEAM

STAFF EDITOR
Ms. Anitta Antony

STUDENT EDITORS
Adarsh Pramod (Batch 2025-29)
Sheffin Shoby (Batch 2025-29)
Aloshious Jaison (Batch 2025-29)