



QUANTUMCUBE

E-Newsletter of Electronics and Communication

VISION

“To generate technically competent employable Engineers for the Electronics and Communication industry who will work towards the betterment of society and nation.”

MISSION

- Impart knowledge in the field of electronics with ample opportunities for practice, research, innovation and entrepreneurship.
- Adapt to technological advancements by regular interactions with experts from industry and academicians to generate quality professionals.
- Provide value based education to develop socially responsible engineers.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates of Electronics and Communication Engineering shall

- PEO1: Demonstrate technical aptitude to identify, analyse and design innovative, sustainable and cost effective solutions for complex engineering problems.
- PEO2: Function effectively as an individual and attune oneself to diverse teams and interdisciplinary ventures.
- PEO3: Apply acquired knowledge and ethical principles for the betterment of the society

PROGRAM SPECIFIC OUTCOME (PSO)

Graduates of Electronics & Communication Engineering will be able to

- PSO1: Absorb and apply contextual knowledge of Electronics and Communication Engineering in design, analysis, and development of various electronic systems.
- PSO2: Analyze and synthesize the experimental data from electronic system to validate the design.
- PSO3: Choose and apply modern engineering tools to analyse complex Electronics and Communication engineering problems.

CONGRATULATIONS,



Calvin P T



Joshmon Shaji



Cris Maria Shaji



Athira Rajesh



Varsha R



Rahul Kumar Yadaav



Astil Martin



Anu Antony



Rincy Varghese



Aaysha V S



Athira C R



Angel Mary



Camalin Teresa



A DROP OF LIFE

Blood donation is a voluntary and altruistic act of giving a portion of one's own blood to help those in need. Dr.Saju A, Associate Professor, Department of ECE, took part in the blood donation Camp organized by NSS AISAT on 26th Sept, 2023.



SPONSION 2023

The Journey's End and a New Beginning: Celebrating the Passing Out Ceremony! Sponson 2023 - Course Completion ceremony of Batch 8 (2019-23) was conducted on 16th September 2023 in the Da Vinci auditorium. It was a momentous occasion that celebrated the completion of rigorous training, the acquisition of new skills, and the transition into a new phase. Dr. K Ajith Kumar (Scientist, NPOL) was the chief guest for the day



EKSPOZICIO

Prof. Paul Ansel V was the chief Batch 9 ECE students with their projects at EKSPOZICIO - Annual Academic Exhibition held at St. Paul's International school, Kalamassery on 29th & 30th September, 2023. The event proved an excellent platform to display the creative skills in science, languages and art of students.

HASTA LA VISTA

"A farewell celebration is a bittersweet event, marking the end of one chapter and the beginning of another ,Farewell celebrations are a powerful way to show appreciation, share well-wishes, and create lasting memories."Hasta LA Vista" - Farewell celebration for the final year students of ECE was organized on June 30th, 2023 in the Einstein Hall. This gathering allowed friends to come together, remember the good times, and celebrate the departing individual's accomplishments. This gathering allowed friends to come together, remember the good times, and celebrate the departing individual's accomplishments.





ABHINAV VICHAAR 2023

Department of Electronics and Communication Engineering of Albertian Institute of Science And Technology, Kalamassery in collaboration with IEDC AISAT and IEEE Student Branch AISAT organized 'Abhinav Vichaar 2023', an All Kerala B.Tech project competition on 23rd June, 2023.

First Prize of Rs.10000/- was awarded to Mr. Anfil Shajo of Toc.H Arakkunnam & Second prize of Rs.5000/- was awarded to Mr. Miqudad R F & team of Toc.H Arakkunnam and third prize of Rs.2500/- sponsored by IEDC AISAT were shared by Mr. George Daniel Thomas & team of RSET & Mr. Boniface Noel & Team of AISAT respectively. An ever rolling trophy sponsored by IEEE was also awarded to the champions by Dr. Neenu Joseph, HoD ECE and Branch counselor, IEEE.



EVOLUTION OF TECHNOLOGY

The evolution of technology is a fascinating journey that has transformed the way we live, work, and communicate. A session on Evolution of Technology was organized by the Department of ECE association (EACE) on 8th June 2023. Densil Alias & Alina Biju of S2 ECE were the speakers for the day. They addressed the students about how evolution of technology has significantly improved our quality of life, expanded our understanding of the world, and opened up new possibilities.

They addressed the students about how evolution of technology has significantly improved our quality of life, expanded our understanding of the world, and opened up new possibilities. They also reminded the students that The evolution of technology is an ongoing saga, and as stewards of this transformative force, it is our collective responsibility to ensure that it benefits all of humanity and leaves a legacy that future generations can be proud of.





CRAFTING TOMORROW

Engineers use a wide range of tools to design, analyze, and construct the world's infrastructure, products, and systems. These tools are essential for solving complex problems, improving efficiency, and ensuring safety.



Kochi, Kerala, India

28XH+XXJ, University Road, South Kalamassery, Kalamassery, Kochi India

Lat 10.049819°

Long 76.329939°

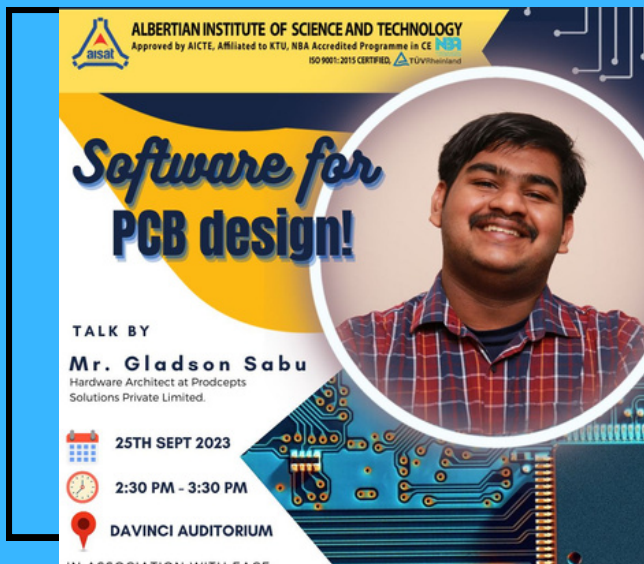
29/09/23 02:59 PM GMT +05:30



Mr. Ashwin Linu of S7 ECE was the resource person for a session on Crafting Tomorrow :Tools that Engineer our World organized by IEEE SB AISAT on 29th Sept, 2023. He enlightened the second year ECE students on Python, MATLAB, AUTOCAD and FPGA design tools. Students were also introduced to Arduino and Raspberry Pi which are two popular open-source hardware platforms that have revolutionized the world of DIY electronics, robotics, and IoT (Internet of Things) development. Each platform has its unique characteristics and applications, making them invaluable tools for hobbyists, students, and professionals.

TALK ON PCB DESIGN SOFTWARE

PCB (Printed Circuit Board) design is a critical aspect of electronic product development, and its importance cannot be overstated. PCBs serve as the backbone for virtually all electronic devices, from smartphones and laptops to medical equipment and industrial machinery. A talk on Software for PCB design was organized for the ECE students on 25th Sept 2023 in the DaVinci hall.



The resource person for the day was Mr. Gladson Sabu, Hardware Architect at Prodcepts Solutions Pvt Ltd. He addressed the about the relevance of High-quality PCB design for creating competitive, functional, and reliable electronic products that meet the needs of today's fast-paced and innovative technology landscape.



Albertian Institute of Science & Technology Archbishop Angel Mary Nagar, Cochin University P.O Kalamassery, Kochi, Kerala 682022, India
Lat 10.049809°
Long 76.329972°