



C.ABDUL HAKEEM COLLEGE OF ENGINEERING & TECHNOLOGY- MELVISHRAM

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FreQ Time
Volume 2
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TECHNOLOGY AROUND US



TRASPARENT SMART PHONES

Transparent smart phones are being designed using the OLED and LCD technologies.

OLED technology:
Organic light-emitting diode (OLED) has an emissive electroluminescent layer made of organic compound which emits light in response to electric current. This layer is placed in between two electrodes made of organic semiconductors, atleast one of the electrode being transparent. This has an emissive and conductive layer where the electric impulse travels from conductive layer to the emissive layer.

This is the most commonly employed technology in transparent devices and digital displays.



INTERNATIONAL CONFERENCE AIS3 2025

The Second International Conference on Artificial Intelligent Systems for Sustainable Solutions AIS3 International conference was organized by department of Electronics and communication engineering

100% Placement 2025 Batch

Congratulations to 36 Final year students of ECE department who got selected and placed in various MNC companies, like Qspiders, Turbo Energy, Mitsuba M/S Technologies Global etc.

PROJECT EXPO'25

ECE) Department organized a Project Expo for final-year students on 29.04.2025



CAHCET/ECE

VISION

To empower the ELECTRONICS AND COMMUNICATION ENGINEERING students, in creating disseminating technological excellence, professional commitments and social responsibilities.

MISSION

Accomplish a technical fitness through innovative Teaching-Learning process and Research & Development.

Nurturing the students to understand the societal needs and shape them with technical expertise as timely performers.

Cultivating live environment for the students to groom professionalism and handle practical challenges with ethical integrity.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To prepare graduates for successful career in ECE profession.
2. To provide graduate with ability to successfully design, test and development hardware & Software related engineering products that meets the societal needs.
3. To prepare graduates with professional and ethical responsibility along with lifelong learning to significantly contribute to the research.

PROGRAM SPECIFIC OUTCOMES (PSOs)

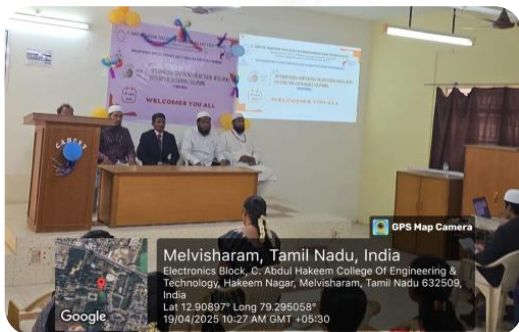
The student will have the ability to:

1. Apply basic knowledge related to electronic circuits, embedded and communication systems and signal processing to solve engineering/ societal problems.
2. Design, verify and validate electronic functional elements for a variety of applications, with skills to interpret and communicate results.
3. Exercise good programming practices employing low or high level languages on appropriate platform.
4. Use engineering and management concepts to analysis specification and prototype electronic experiments/projects either independently or in teams.

DEPARTMENT EVENTS

INTERNATIONAL CONFERENCE AIS3-2025

The Second International Conference on Artificial Intelligent Systems for Sustainable Solutions AIS3 International conference was organized by department of Electronics and communication engineering on 19.04.2025. The conference event was organized by Mr. C. Abdul Rahman, AP/ECE and Ms. T. S. Sindhu, AP/ECE which brought together renowned experts, researchers, and students to explore the latest advancements and innovations in [field/industry]. The conference aimed to provide a platform for knowledge sharing, collaboration, and networking among professionals and academics.



INTERNAL HACKATHON

The Department of Electronics and Communication Engineering organized a Hackathon on May 5th, 2025. The event was successfully coordinated by Ms. Sangeetha K. and Mr. S. S. Ganeshkumar. The Hackathon provided a platform for students to showcase their innovative problem-solving skills through real-time circuit design.



PROJECT EXPO'25

The Electronics and Communication Engineering (ECE) Department organized a Project Expo for final-year students on 29.04.2025. This event showcases innovative projects, demonstrating students' technical skills and knowledge. The Project Expo aims to: Encourage Innovation*: Foster creativity and innovation in ECE students. Develop Technical Skills*: Enhance students' technical skills and problem-solving abilities. Industry Readiness*: Prepare students for industry challenges and expectations. Mr. A .Mohammed Mian was program coordinator.



TAMIL SPEECH COMPETATION

On behalf of the Tamil Student Council, Department of Electronics and communication organized Tamil Speaking Competition which was held in our college ECE seminar hall on 9.4.2025. More than 30 students participated with great enthusiasm. Prizes were distributed to the winners.



STUDENTS PLACEMENT (2025 BATCH)

UNIVERSAL SERIAL NO.	STUDENT NAME	GENDER	NAME OF THE COMPANY	SALARY PER ANNUM	ON/OFF CAMPUS PLACEMENT
510621106001	ABDUL REHAMAN R	MALE	M/s. TECHNOLOGICS GLOBAL	4.0 LPA	Virtual
510621106008	KARANKUMAR S	MALE	M/s. TECHNOLOGICS GLOBAL	4.0 LPA	Virtual
510621106012	LOKESH R	MALE	M/s. TECHNOLOGICS GLOBAL	4.0 LPA	Virtual
510621106004	ATHIFA KOUSER A	FEMALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106008	KARANKUMAR S	MALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106010	KEERTHANA E	FEMALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106011	KUSHAL RAJ M	MALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106013	MEENA M	FEMALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106015	NATHIYA M	FEMALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS

510621106016	NAVEEN KUMAR M	MALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106022	RESHI KESAVAN B	MALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106024	SANTHOSH S	MALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106025	SANTHOSHKUMAR M	MALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106033	VARUNKUMAR N	MALE	M/s. Mitsuba India Pvt Ltd.,	2.2 LPA	ON CAMPUS
510621106022	RESHI KESAVAN B	MALE	M/s. Qspiders	3.5 LPA	ON CAMPUS
510621106004	ATHIFA KOUSER A	FEMALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106006	HARINI M	FEMALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106009	B KARTHIGA	FEMALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106010	KEERTHANA E	FEMALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106011	KUSHAL RAJ M	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106013	MEENA M	FEMALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106014	MOHAMMED ZABEER Z	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106015	NATHIYA M	FEMALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106017	K NEHRU NANDHA	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106020	PRIYANKAA R	FEMALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106024	SANTHOSH S	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106025	SANTHOSHKUMAR M	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106026	SANTOSH P	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106027	SIVASURYA K	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106028	SRINIVASAN A	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106029	SRISHA MK	FEMALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106030	SUDEVA BHARATHI MK	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106031	SURIYA	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106033	VARUNKUMAR N	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS
510621106034	VELU K	MALE	M/s. Turbo Energy	2.19 LPA	ON CAMPUS

STUDENTS INTERNATIONAL CONFERENCE

S.NO.	REGISTER NUMBER	NAME OF THE STUDENT	NAME OF CONFERENCE	TITLE	DATE
1.	510621106001	ABDUL REHAMAN R	AIS3 Conference	Machine learning based plant disease detection	4/19/2025
2.	510621106002	ADNAN AHMED M	AIS3 Conference	Machine learning based plant disease detection	4/19/2025
3.	510621106003	AKASH M	AIS3 Conference	IOT agricultural automation	4/19/2025
4.	510621106004	ATHIFA KOUSER A	AIS3 Conference	Brain Tumor MRI Classification Using Convolutional Neural Network	4/19/2025
5.	510621106005	AVINESH M	AIS3 Conference	Automated waste segregation using arduino	4/19/2025
6.	510621106006	HARINI M	AIS3 Conference	Brain tumor MRI classification using Convolutional Neural Network	4/19/2025
7.	510621106007	JAGANRAJ S	AIS3 Conference	IOT AGRICULTURE	4/19/2025
8.	510621106008	KARANKUMAR. S	AIS3 Conference	Learning management system	4/19/2025
9.	510621106009	KARTHIGA B	AIS3 Conference	Smart Blind Stick Using Arduino	4/19/2025
10.	510621106010	KEERTHANA E	AIS3 Conference	Brain Tumor MRI Classification using Convolutional Neural Network	4/19/2025
11.	510621106011	KUSHAL RAJ M	AIS3 Conference	MACHINE LEARNING BASED PLANT DISEASE DETECTION	4/19/2025
12.	510621106012	LOKESH R	AIS3 Conference	Automated waste segregation using aurdino	4/19/2025
13.	510621106013	M.MEENA	AIS3 Conference	Robotic vacuum cleaner using arduino	4/19/2025
14.	510621106015	NATHIYA M	AIS3 Conference	Smart Blind Stick Using Arduino	4/19/2025
15.	510621106016	NAVEEN KUMAR M	AIS3 Conference	Automated waste segregation using Arduino	4/19/2025
16.	510621106017	NEHRU NANDHA K	AIS3 Conference	Machine learning based plant disease detection	4/19/2025
17.	510621106018	NITHYA SHREE. M	AIS3 Conference	SMART HOME AUTOMATION	4/19/2025
18.	510621106020	PRIYANKAA R	AIS3 Conference	ROBOTIC VACUUM CLEANER USING ARDUINO	4/19/2025

19.	510621106021	RAGHUL. P	AIS3 Conference	AUTOMATED WASTE SEGREGATION USING ARDUINO	4/19/2025
20.	510621106022	B.RESHI KESAVAN	AIS3 Conference	Enhancing Education Through Seamless Integration	4/19/2025
21.	510621106023	SANJAY PRAKASH. C	AIS3 Conference	Enhancing Education Through Seamless Integration	4/19/2025
22.	510621106024	SANTHOSH S	AIS3 Conference	Ocular Disease Classification Using Neural Network	4/19/2025
23.	510621106025	SANTHOSHKUMAR M	AIS3 Conference	IoT AGRICULTURAL AUTOMATION	4/19/2025
24.	510621106028	SRINIVASAN A	AIS3 Conference	Ocular Disease Classification Using Neural Networks	4/19/2025
25.	510621106031	SURIYA C	AIS3 Conference	Enhancing education through seamless integration	4/19/2025
26.	510621106032	USMAN R	AIS3 Conference	IoT Agriculture Automation	4/19/2025
27.	510622106005	ATHIYA.M	AIS3 Conference	Leveraging innovative healthcare solution powered by 5g technology	4/19/2025
28.	510622106012	GANAPATHI S	AIS3 Conference	IOT BASED FIRE DETECTION AND ALERTING SYSTEM	4/19/2025
29.	510622106023	KSHITHIKA.D	AIS3 Conference	Leveraging innovation healthcare solution powered by 5G technology	4/19/2025
30.	510622106039	J.NANDHINI	AIS3 Conference	Automatic waste segregation	4/19/2025
31.	510622106044	PRIYADHARSHINI P	AIS3 Conference	Vehicle number plate detection	4/19/2025
32.	510622106053	SYEDA ISHRATH.S	AIS3 Conference	Automatic waste segregation	4/19/2025

“Good Manners is a language seen by the blind and heard by the deaf”

Knowledge is better than wealth because knowledge protects you while you protect wealth

Editor

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DESIGN