



VISION

To achieve excellent standards in technical education and engage research in the field of Electronics and Communication Engineering creating employable and innovative professional Is who can excel in global challenges

MISSION

1. To practice innovative teaching and learning practices in Electronics and Communication domain with effective curriculum enhancement and Industry collaboration.
2. To inspire creative enquiry and innovation in students through excellent training programs and projects for professional skills.
3. To imbibe a sense of team work, ethics combined with social responsibility in students.



Dr. Biju Varghese
(Chairman, Mangalam Educational Institutions)



Dr. Vinodh P Vijayan
(Principal, Mangalam College of Engineering)



Dr. Abraham C G
(HOD, ECE, Mangalam College of Engineering)

HOD'S MESSAGE

Welcome to the Department of Electronics and Communication Engineering, Mangalam College of Engineering ,Ettumanoor , Kottayam. Since its establishment in 2002, Department of Electronics and Communication Engineering has been one of the most popular departments at Mangalam College of Engineering, which is recognized as one of the top colleges in the state. Equipped with modern facilities and a committed faculty, the department caters to a significant number of undergraduate and postgraduate students. Notably, the Department has successfully graduated a considerable number of postgraduate students specializing in VLSI and Embedded Systems. Over the past decade, the department has been engaged in stimulating research across various fields. Additionally, numerous workshops and conferences have been organized by the Department in the last ten years.

The ECE department has earned a strong standing with top recruiters in India. Its alumni have performed exceptionally well worldwide, upholding the department's esteemed reputation. Collaborations with companies have created a supportive platform for our students to excel. ECE graduates secure prominent positions in the industrial sector, with many holding key roles in academia and industry worldwide. Their involvement in innovative projects, driven by the robust industrial-based curriculum, often includes industrial internships. Several of them have become successful entrepreneurs, offering valuable technical expertise and support to current students.

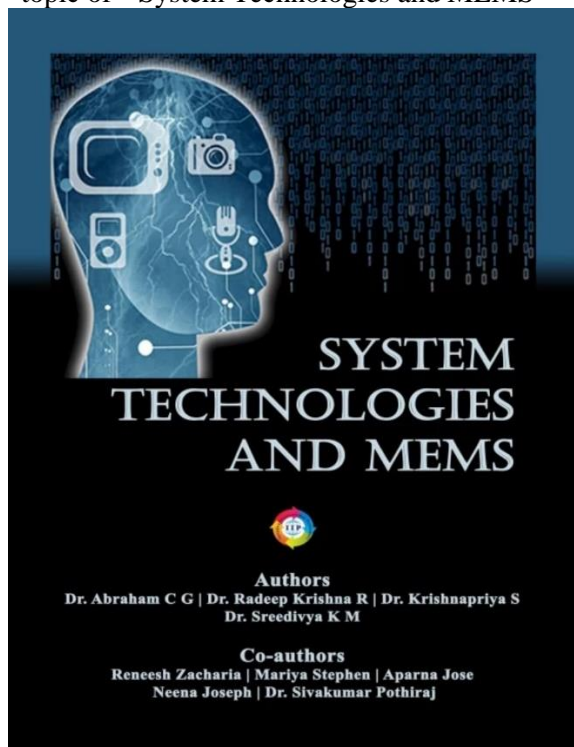
FACULTY ACHIEVEMENTS

- Dr. Abraham C G , Dr Radeep Krishna R , Mr Raneesh Zachria, Ms Mariya Stephen , Ms Aparna Jose, jointly published a book on the topic of " System Technologies and MEMS"
- Neethan Elizabeth Abraham, published a SCOPUS journal on the title Pioneering Efficient Blockchain in IoT: A Review of Tailored Protocols for Modern Devices, IEEE International Conference on Recent Advances in Systems Science and Engineering (RASSE),(2023).
- Dr Abraham CG attended FDP on Intelligent Future : Unlocking the potential of AI, from 3/7/2023 – 7/7/2023
- Dr. Deepthy Mary Alex attended FDP Machine Learning in Big Data Applications and Security Challenges from 24/4/2023-29/4/2023

FACULTY ACHIEVEMENTS

BOOK PUBLICATION

- Dr. Abraham C G , Dr Radeep Krishna R , Mr Raneesh Zachria, Ms Mariya Stephen , Ms Aparna Jose, jointly published a book on the topic of " System Technologies and MEMS"



SCOPUS PUBLICATIONS

- Neethan Elizabeth Abraham, Pioneering Efficient Blockchain in IoT: A Review of Tailored Protocols for Modern Devices, IEEE International Conference on Recent Advances in Systems Science and Engineering (RASSE),(2023).

FACULTY DEVELOPMENT PROGRAMS

ATTENDED

- Dr Abraham CG attended FDP on Intelligent Future : Unlocking the potential of AI, from 3/7/2023 – 7/7/2023
- Dr. Deepthy Mary Alex attended FDP Machine Learning in Big Data Applications and Security Challenges from 24/4/2023-29/4/2023
- Dr. Deepthy Mary Alex , Mr. Reneesh Zaharia , Ms. Jyothisree K R , Ms. Neethan Elizabeth Abraham , Ms. Mariya Stephen, Mr. Sumesh Chandran, Mr. Ajeesh S, Ms. Aparna Jose, Ms. Raseena Yousaf, Ms. Lekshmi M Nair, Ms. Jibi K Kurian & Ms. Devika Sarath are attended FDP on Intelligent Future : Unlocking the potential of AI, from 3/7/2023 – 7/7/2023
- Ms. Devika Sarath attended FDP on Current Trends on Data Science and its Applications, from 13/7/2023 – 15/7/2023
- Mr. Sumesh Chandran attended FDP on ATAL FDP on Advances in Subtractive and Additive Manufacturing Technologies, from 4/12/2023 – 9/12/2023

STUDENT ACHIEVEMENTS

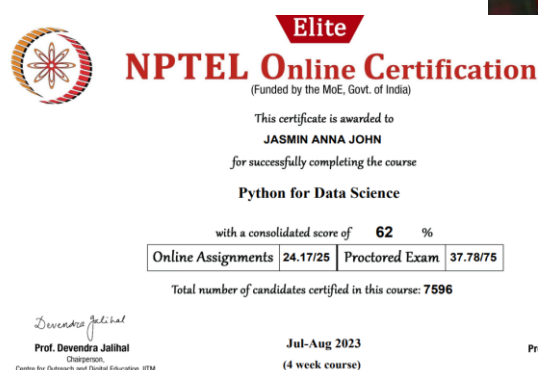
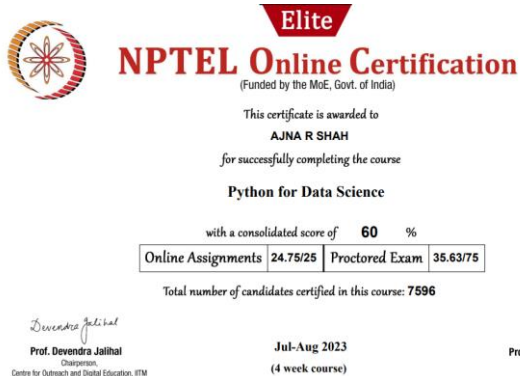
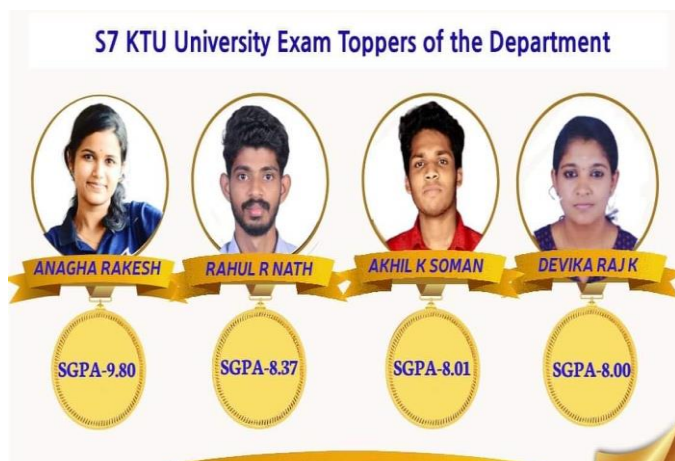
MOOC course

- Ms Ajina R Shah of S3 (Batch 2022-26) had successfully completed MOOCH by Nptel on Python for data science and has achieved Elite certificate in the duration of July -Aug 2023
- Ms Jasmin anna john of S3 (Batch 2022-26) had successfully completed MOOCH by Nptel on Python for data science and has achieved Elite certificate in the duration of July -Aug 2023



PROJECT EXHIBITION PARTICIPATION

Mr. Sarang Santhosh, student, S4 ECE, secured first prize in the "Code Uno competition" in the tech fest conducted by Christ College of Engg, Iringalakkuda.



DEPARTMENT EVENTS

• INAUGURATION CEREMONY OF ECEIAN



• EXPERT TALK ON PROFESSIONAL ETHICS IN ENGINEERING AND MASS COMMUNICATION

An Expert Talk on PROFESSIONAL ETHICS IN ENGINEERING AND MASS COMMUNICATION was presented by Mr. Shybin P Shibu, central Head, Research and Development for students of Mangalam Engineering College on October 19th 2023. Event was coordinated by Ms. Aparna Jose, Assistant Professor, ECE

Expert Talk On PROFESSIONAL ETHICS IN ENGINEERING AND MASS COMMUNICATION

RESOURCE PERSON



Mr. Shybin P Shibu
Central Head, Research and Development

+REPORTER

ON

19th October 2023, Thursday

10.00am @ Digital Theatre

FOR ALL STUDENTS OF ECE

Coordinator

Ms. Aparna Jose, Assistant Professor, ECE

• A WEBINAR ON ADVANCES IN SEMICONDUCTOR RESEARCH

A Webinar on ADVANCES IN SEMICONDUCTOR RESEARCH was presented by Dr. J Charles Pravin, Professor, Kalasalingam Academy of Research and Education for students on November 20th 2023. Event was coordinated by Ms. Neethan Elizabeth Abraham, Assistant Professor, ECE

• EXPERT TALK ON IC FLOW DESIGN

An Expert Talk on IC FLOW DESIGN was presented by Dr. KALA S, HOD ECE IITK for students of Mangalam Engineering College on October 20th 2023. The talk was conducted as part of inauguration of our Department Association ECIAN 2K23



• EXPERT TALK ON LATEST TRENDS IN VLSI

An Expert Talk on TALK ON LATEST TRENDS IN VLSI was presented by Ms. Darsana.S, Assistant Professor, college of Engineering, Chengannur for students of Mangalam Engineering College on November 03rd 2023. Event was coordinated by Mr. Sumesh Chandran R, Assistant Professor, ECE

Expert Talk On

LATEST TRENDS IN VLSI

RESOURCE PERSON



Ms. DARSANA.S
Assistant Professor, ECE
COLLEGE OF ENGINEERING, CHENGANNUR

ON

03rd November 2023, Friday
Online mode (7.00 pm-8.00 pm)

FOR ALL STUDENTS OF ECE

Coordinator

Mr. Sumesh Chandran.R, Assistant Professor, ECE

Organizes a Webinar on

Advances in Semiconductor Research

Resource Person
Dr J Charles Pravin
Professor,
Kalasalingam Academy of
Research and Education

Coordinator
Ms Neethan Elizabeth Abraham
Assistant Professor
Department of ECE
MLMCE



Date: 20/11/23; Time 7:30 PM
Online (Google Meet)
(To All Students of ECE)

• AN EXPERT TALK ON INTRODUCTION TO AERIAL ROBOTICS

Expert Talk On
INTRODUCTION TO AERIAL ROBOTICS
RESOURCE PERSON



Mr. HARIKRISHNAN D
Director, Co-founder
TECH TELESTO Pvt. Ltd.

On
04th November 2023, Saturday
Online mode (7.00 pm-8.00 pm)
FOR ALL STUDENTS OF ECE
Coordinator
Mr. Ajeesh S, Assistant Professor, ECE

An Expert talk on INTRODUCTION TO AERIAL ROBOTICS was presented by Mr. Hari Krishnan D, Director, co-founder, Tech Telesto Pvt. Ltd for students on November 04th 2023. Event was coordinated by Mr. Ajeesh S, Assistant Professor, ECE

• A WEBINAR ON RECENT TRENDS IN WIRELESS COMMUNICATION

A Webinar on RECENT TRENDS IN WIRELESS COMMUNICATION was presented by Dr. Ananth A HoD-ECE, IITK for students on November 15th 2023. Event was coordinated by Ms. Jibi K Kurian, Assistant Professor, ECE

Webinar On
Recent Trends in Wireless Communication
RESOURCE PERSON



Dr. Ananth A
HoD-ECE
IITK
ON
15th November 2023, Wednesday
7:30 PM @ Online Mode
FOR ALL STUDENTS OF ECE
Coordinators
Ms Jibi K Kurian-ECE

• A WEBINAR ON IMAGE PROCESSING USING MATLAB

A Webinar on IMAGE PROCESSING USING MATLAB was presented by Dr. Josephine Selle Jeyanathan, Associate Professor, Kalasalingam Academy of Research and Education for students on November 8th 2023. Event was coordinated by Dr. Abraham C G, Professor, ECE & Dr. Radeep Krishna, Associate Professor, ECE

Webinar On
Image Processing using MATLAB
RESOURCE PERSON



Dr. Josephine Selle Jeyanathan
Associate Professor-ECE
Kalasalingam Academy of Research and Education
ON
8th November 2023, Wednesday
7:30 PM @ Online Mode
FOR ALL STUDENTS OF ECE
Coordinators
Dr Abraham C G, Professor-ECE
Dr R. Radeep Krishna, Associate Professor-ECE

• A WEBINAR ON TOOL COMMAND LANGUAGE

A Webinar on TOOL COMMAND LANGUAGE was presented by Dr. N Bhuvaneshwary, Associate Professor, KARE for students on November 23rd 2023. Event was coordinated by Ms. Mariya Stephen, Assistant Professor, ECE & Ms. Aparna Jose, Assistant Professor, ECE

ORGANIZES A WEBINAR ON
Tool Command Language

THURSDAY
7:50 - 8:50 PM/ ONLINE
23 November 2023

Coordinators
Ms Mariya Stephen, AP, ECE
Ms Aparna Jose, AP, ECE

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Resource Person
Dr N Bhuvaneshwary
Associate Professor
KARE

LECTUS 2K23

The course completion ceremony for B.Tech and M.Tech was held on July 22, 2023, at the DMCC Convention Centre, Thellakom, Kottayam. Sri V. N. Vasavan, the Hon. Minister for Cooperation and Registration of the Government of Kerala, gave the event's opening speech. Dr. Sunil Luthra, the



Director of the AICTE in New Delhi, was the chief guest. The event commemorated the academic successes of the students who were graduating from both programs and marked the end of their time as students at the university. Honourable visitors, academic staff, and the graduating class gathered to celebrate this

All are invited
LECTUS 2K23

Course Completion Ceremony of
B.Tech, M.Tech & MBA

On 22nd July 2023 (Saturday), 8.30am to 1pm
at
DMCC Convention Centre, Thellakom, Kottayam

Inauguration by
Sri. V. N. Vasavan
Hon'ble Minister
for Cooperation and
Registration, Government of
Kerala

Chief Guest
Dr. Sunil Luthra
Director
AICTE, New Delhi

Media Mangalam
radio mangalam

momentous occasion, which reflected the commitment and diligence of the students throughout their academic journey. The occasion gave us a chance to acknowledge their achievements and wish them well on all of their future undertakings.

SCIENTIA 2K23



Marking a New Beginning: "SCIENTIA 2K23" Annual Induction Program was conducted on 12/09/2023 at DMCC Convention Hall, Thellakom, Kottayam. Smt. V Vigneshwari IAS presided over the occasion, and guests of honour were Dr. Alexander Jacob IPS (former DGP), Shri P J Kurien, and ISRO scientist/engineer Karthik R. The occasion served as a stage for Sri. P. J. Kurian, a former deputy chairman of the Rajya Sabha, to deliver the Academic Excellence Award to the Department of Electronics and communication Engineering (ECE) academic achievers.



EMINENCE 2K23

The Annual Students' Merit Day, or "Eminence 2k23," was held on October 3, 2023. The B.Tech and M.Tech students received medals for excellence throughout the occasion. The Kerala State Youth Commission Chairman, Shri M. Shajar, was the event's chief guest. The ceremony was also launched by Shri M. Shajar. Apart from the awards ceremony, Adv K. Ananthagopan, the President of the Travancore Devaswom Board, was the Guest of Honour. Adv K. Ananthagopan was in charge of the "Bridge Digital Divide" laptop distribution program. In fact, the occasion was a celebration of academic success, as honourable visitors and dignitaries acknowledged and celebrated the kids' accomplishments. The event was made even more spectacular by the attendance of such illustrious figures, making it an unforgettable and successful event.



RACE 2K23



The Annual Sports Meet, or RACE 2K23, was held in Pala Municipal Stadium on November 21, 2023. First Runner Up went to the TITANS. The overall success of the sports meet was largely attributed to the enthusiastic participation of several CSE department students in a variety of activities. The honourable MLA for the Pala seat, Sri Mani C. Kappen, presided over the prestigious inauguration, lending the occasion an air of importance and distinction. In addition to showcasing physical ability, the sports meet encouraged a culture of healthy competition and friendship among the players.

NCC

Students at the Department of Electronics and communication Engineering (ECE) enthusiastically participated in a well-planned NCC (National Cadet Corps) camp. These children used the camp as an opportunity to demonstrate their dedication to self-control and cooperation, as well as to actively participate in a range of activities meant to develop leadership abilities and a sense of togetherness.



FAMILIARE 2K23

On October 7, 2023, the Kottayam Club in Kumarakom hosted an annual informal get-together for the professors, technical, and administrative



personnel of the engineering, management studies, and polytechnic colleges.

ONAM CELEBRATION

Onam is not just a festival to cherish; it's a moment to revive a bygone era of prosperity and goodness. In the year 2023, the Mangalam College of Engineering's Department of Electronics and communication Engineering (ECE) joyfully celebrated Onam. The celebrations were a colourful and lively way to honour this important cultural event, signifying harmony and Kerala's rich cultural heritage. The department experienced a feeling of community and cultural pride as a result of the Onam Celebration 2023, which united staff, instructors, and students in a joyous celebration.

