

»»» NEWSLETTER «««

# UNISPARK



## Universal Engineering College

NAAC Accredited institution

Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University

Irinjalakuda , Vellangallur Road, Thrissur - 680 123, Kerala, Ph: +91 480 2864177, Email: info@uec.ac.in,

www.uec.ac.in



### VISION



*Provide excellent engineering education, imparting skill development and innovation ecosystem to create engineers that cater to the needs of the society with strong ethical values*

- *Qualified faculty and intact infrastructure, bestow creative and innovative engineering education.*
- *Equip the students with competent and cutting edge technologies.*
- *Mould the students to meet the changing challenges with global outlook.*
- *Inculcate moral and ethical values among students so as to serve the needs of the society.*



### MISSION



**V.K Shamsudeen**  
Chairman

## Message - Chairman

**“I can't change the direction of the wind, but I can adjust my sails to always reach my destination.” -Jimmy Dean**

Change is an essential aspect of life, and it is critical to the growth and progress of individuals, organizations, and societies. Without change, we become stagnant and fall behind, unable to keep up with the rapid pace of technological advancements and societal developments. Therefore, it is necessary to embrace change and use it as a tool for development.

To promote change and growth, participating in events such as the Tech Fest on 8th & 9th May 2023 is an excellent idea. The Tech Fest event provides an excellent opportunity for participants to learn about the latest developments in technology, such as artificial intelligence, blockchain, robotics, and virtual reality. These technologies have the potential to transform various sectors such as healthcare, education, finance, and transportation, among others.



**Dr. Jose k Jacob**  
Principal

## Message - Principal

**"Innovation distinguishes between a leader and a follower." Steve Jobs**

It's no secret that our thoughts greatly impact our daily lives, including our overall happiness and well-being. According to research, people who think outside the box and approach problems with a creative and unique perspective tend to be happier than those who don't. But why is this the case?

We open ourselves up to new possibilities and solutions when we think differently. We break free from our old habits and patterns, and challenge ourselves to see the world in a new light. This can lead to greater self-awareness and fulfilment as we uncover new passions and interests that we may have never known existed. One way to foster this kind of thinking is by attending events that encourage innovation and creativity. And that's where the Techfest comes in. Scheduled for May 8th and 9th in 2023, this exciting event is the perfect opportunity for students to showcase their technical talents and abilities.

At Techfest, students can connect with like-minded individuals, attend inspiring talks and workshops, and participate in various competitions and challenges. This environment will encourage out-of-the-box thinking and creativity as students are exposed to new ideas and ways of approaching problems. Thinking differently can lead to a happier, more fulfilling life. And attending events like Techfest can be a powerful way to cultivate this kind of thinking. Don't miss out on this exciting opportunity to showcase your talents and connect with like-minded individuals.

# UEC Management

**V.K Shamsudeen**, Chairman & Managing Trustee

**P.B. Abdul Jabbar**, Chief Patron

**P.K. Salim**, Vice Chairman

**C.K. Mukundan**, Vice Chairman

**Jayraj B. Pillai**, Secretary

**V.K. Abdul Gafoor**, Treasurer

**V.K. Abdul Salam**, Joint Secretary

**Jabir K. Mohmmmed**, Executive Director

**P.B. Anvar**, Executive Member

**P.B. Zainudeen**, Executive Member

# Academic Heads

**Dr. Jose K Jacob**, Principal

**Dr. K K Narayanan**, Head of the Department, Applied Science & Humanities

**Dr. Sreeraj R**, Head of the Department, Computer Science & Engineering

**Dr. Premshankar**, Head of the Department, Mechanical Engineering

**Dr. Harinarayan N H**, Head of the Department, Civil Engineering

**Dr. Joly**, Head of the Department, Electrical & Electronics Engineering

**Dr. Arun Pradeep**, Head of the Department, Electronics & Communication Engineering



75VX+986, Vallivattom, Kerala 680688, India

Vallivattom  
Kerala

	Decimal	DMS
Latitude	10.293654	10°17'37" N
Longitude	76.197622	76°11'51" E

One day **Interactive discussion** about the NBA criteria and Workshop visit by the external experts Dr M V Rajesh and Dr Unnikrishnan held on 01/04/2023.

# Connect Career to Campus

4



GPS Map Camera

Poomangalam, Kerala, India

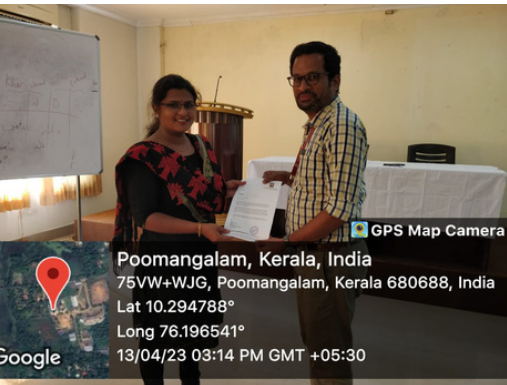
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Lat 10.294846°



GPS Map Camera

Poomangalam, Kerala, India

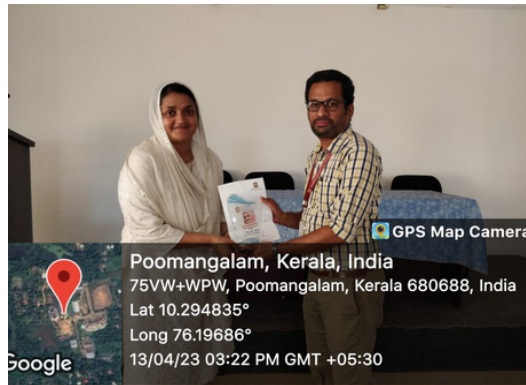
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GPS Map Camera

Poomangalam, Kerala, India

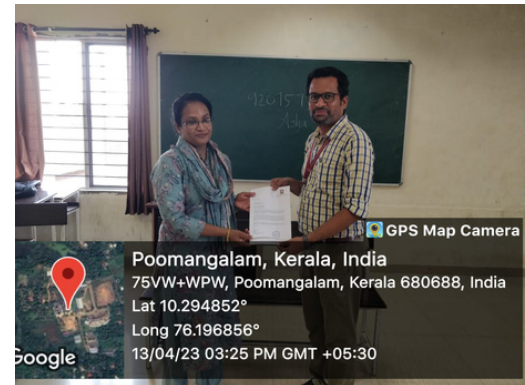
75VW+WJG, Poomangalam, Kerala 680688, India  
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13/04/23 03:14 PM GMT +05:30



GPS Map Camera

Poomangalam, Kerala, India

75VW+WPW, Poomangalam, Kerala 680688, India  
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13/04/23 03:22 PM GMT +05:30



GPS Map Camera

Poomangalam, Kerala, India

75VW+WPW, Poomangalam, Kerala 680688, India  
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Long 76.196856°  
13/04/23 03:25 PM GMT +05:30

3 days Placement training was conducted for final year ME and CE students from 10th to 13th April, 2023. The program focussed on Personal grooming and Interview skills. ASAP trainers Ms.Asha Muhamed Khan, Ms.Thasneem Basheer, Ms.Sruthy K S and Ms. Aswathy V M were the facilitators.

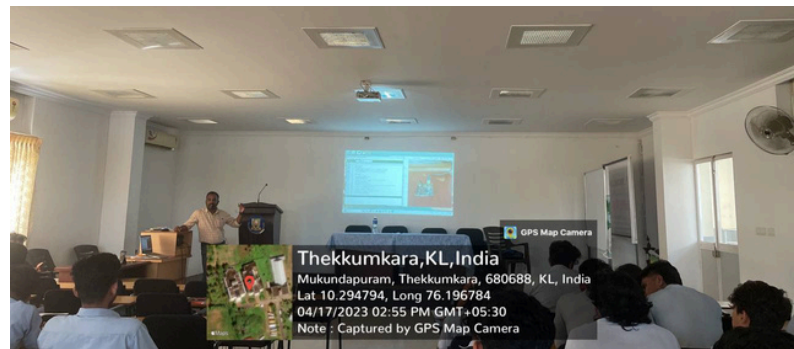
## Technical Talk



GPS Map Camera

Thekkumkara, KL, India

Mukundapuram, Thekkumkara, 680688, KL, India  
Lat 10.294812, Long 76.196743



GPS Map Camera

Thekkumkara, KL, India

Mukundapuram, Thekkumkara, 680688, KL, India  
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Note : Captured by GPS Map Camera



GPS Map Camera

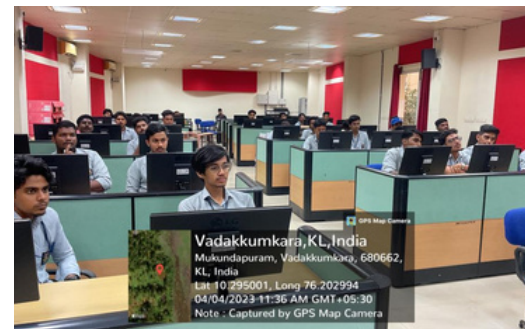
Thekkumkara, KL, India

Mukundapuram, Thekkumkara, 680688, KL, India  
Lat 10.294812, Long 76.196808  
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Note : Captured by GPS Map Camera



The Robotics Club of Universal Engineering organized a technical talk on the topic "Introduction to IOT for Mechanical Engineers", Resource person was Mr. Clint K S on 17th April 2023. The talk was attended by Mechanical Engineering students and faculty members.

On April 4, 2023, ARMS conducted a technical talk on "Nano Technology and its Future Prospects" from 10 a.m. to 11 a.m. The program was held in the SDPK Lab and was attended by students, faculty, and staff of the Universal Engineering College. The session was aimed at creating awareness about the latest advancements in the field of nano-technology and its potential impact on various industries. The technical talk was delivered by the Guest Speaker, Dr. Sajith Thottathil Abdulrahman, HOD & Associate Professor, Mechanical Department, KMEA Engineering College. He discussed the basics of nano-technology, the latest advancements in the field, and the potential impact of nano-technology on various industries such as healthcare, energy, and manufacturing. He also answered various questions raised by the audience, making the session interactive and informative.



## Anti Drug Awareness Session



On 3/4/2023, the Association of Resourceful Mechanical Students (ARMS) conducted an Anti Drug Awareness talk at Universal Engineering College (UEC). The event was well-attended by students, faculty members, and other members of the UEC community. The main talk of the session was delivered by Mr. Nandakumar, an IRS officer who serves as the Assistant Commissioner of Customs. He spoke about Anti Drug Awareness and provided valuable insights and information on the dangers of drug abuse. He explained how drugs can have severe physical, emotional, and social consequences and highlighted the importance of creating awareness about drug abuse.



As part of World Heritage Day, the Department of Civil Engineering organised the "MODLEX" model-making competition in collaboration with \*CESA\*. The Taj Mahal model-making crew took home the top honour among the four teams. The other groups each created a model in their own unique way, which helped to highlight their inventiveness.

# IEDC



IEDC Universal Engineering College in association with MSME DFO Thrissur conducted a workshop on Intellectual Property Rights on 26th April 2023. **Theme of the Program** was "Women and IP: Accelerating, Innovation and Creativity - Celebrating the 'CAN DO' attitude of Women Inventors, Creators and Entrepreneurs". **Adv. Manju A B**, Associate Partner and Branch Head, Altacit Global, Cochin delivered the session on IPR and its importance of IPR for Startups. She Explained about Trademark, how a trade mark is chosen, benefits of registering trademark, its procedure and infringement. She also gave an idea of copyright policy. **Smt. Rekha. K**, Investigator, MSME-DFO, Thrissur spoke briefly about important schemes and support from the office of Development Commissioner, the Ministry of MSME. She focused on the Incentive Schemes for Women owned MSMEs & Startups and MSME Schemes for Women Entrepreneurs



## UEC STAFF CLUB



**Dr. Jose K Jacob**  
President



**Mr. Rahul Ravi**  
Secretary



**Mr. Akhil Ramesh**  
Treasurer

## Executive Members



**Sreejith P.S**



**Ms. Minisha T M**



**Mr. Abhijith C S**



**Mr. Nidhin K**



**Ms. Haseena P I**



**Ms. Shali Mukesh**

DEPARTMENT OF CIVIL ENGINEERING  
PRESENTS

# CAD MANIA

## CAD DESIGN COMPETITION

TO IDENTIFY THE RIGHT TALENT 2023

SPONSORED BY **CAD CENTER**  
KODUNGALLUR

Staff Co-ordinator  
Mr. Nikhil R

Student Co-ordinators

Tom Sujan      Lali George      Koushik P K

PRIZE  
WORTH  
**₹500**

APR  
04  
9:30 AM

## CAD Mania

CAD Design Competition named "CAD Mania" was Organized on April 4 2023 at 9:30 am. Programme was co ordinated by Mr. Nikhil R from Department of CE and the student Co-ordinators were Mr. Tom Sujan from S8CE, Ms. Lali George from S6CE and Mr. Koushik P K from S4CE. The programme was inaugurated by the Principal \*Dr. Jose K Jacob\*. More than 30 students were participated on the event. \*First prize for Mr. Vishnu V from S8 , Second prize for Mr. Manas KM from S8 and third prize for Ms. Amala from S6\*. The prizes are sponsored by \*CAD CENTRE Kodungallur\*. Prizes were distributed on CESA Inauguration day.

## Inauguration of AGNI (Association Day 2K23)

Inauguration of AGNI conducted on 19/04/2023 at A-block seminar hall. The program progressed with a silent prayer by Mr. Sujith K V (S8 ECE) and comparing was done by Ms. Aysha Salwa P M (S4 ECE) and Ms. Hanan K S (S4 ECE).The program was inaugurated by Mr. Sreeyesh Bahuleyan, Principal Data Engineer, KLA Corporation, Chennai. Ms. Hridya R P, Assistant Professor, Department of Electronics and Communication Engineering delivered the welcome address. Dr. Jose K Jacob, Principal Universal Engineering College delivered Principal's address. Dr. Arun Pradeep, Head of the Department of Electronics and Communication Engineering delivered the Presidential address. Dr. Joly M Head of the Department of Electrical and Electronics Engineering delivered felicitation address. Ms. Ameesha Vinayan (S6 ECE) delivered Vote of Thanks.





# People's Choice Award

Students of S6 CSE from UEC had won the People's choice award for the project "Traffic Congestion Monitoring and Accident Detection system" in the 'CodeCombat 2023' Cyber Tech Fest organized by Thrissur Rural Police and Cyber police cell. Mr Neerajkumar IPS, IG of Police and Ms Aiswarya Dongre IPS, SP, Thrissur evaluated the project and appreciated the effort of our students. A team of 20 students from Universal Engineering College has also participated in the group discussion sessions on body abuse in digital space and Financial Security.



# Inauguration of Tesla (Association Day 2K23)

The Association Day of the Electrical and Electronics Engineering (EEE) Department of Universal Engineering College, named "TESLA," was conducted on 25th April 2023 at the 3rd Floor Seminar Hall, A Block, Universal Engineering College. The Chief Guest for the event was Dr. Linkin Simon, Assistant Electrical Inspector, Thrissur. Dr. Simon gave an enlightening talk on "Electrical Safety and the Role of Electrical Inspectorate," which was informative and engaging. Dr. Joly M, the HOD of the EEE Department, delivered the welcome speech. Dr. Jose K Jacob, the Principal of the college, also addressed the gathering and shared his thoughts on the importance of Electrical and Electronics Engineering in the current technological scenario. Dr. Arun Pradeep, the HOD of the Electronics and Communication Engineering Department, gave a talk on the emerging trends in the field of electronics and communication.





**VAIBHAV  
2023**

# Logo Launch

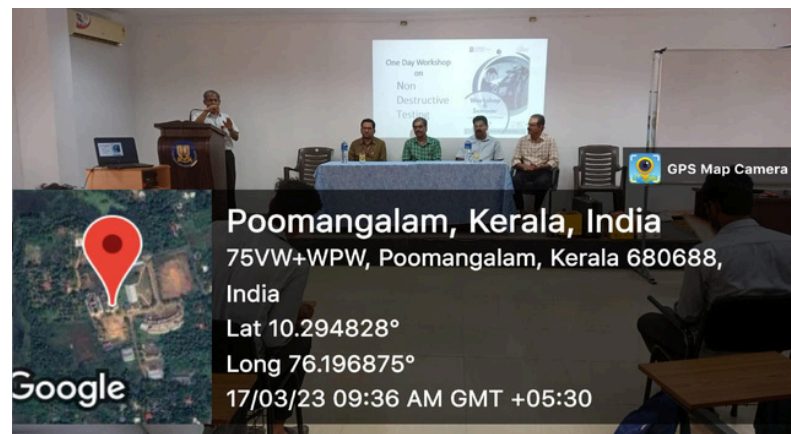
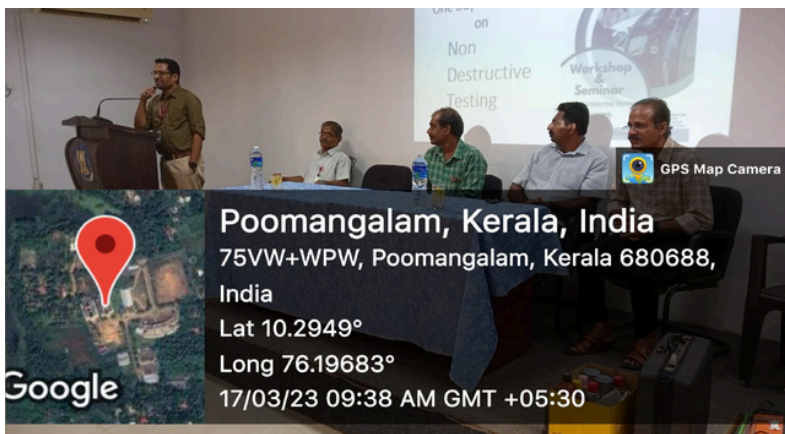
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Universal Engineering College is organising **VAIBHAV 3.0**, a multidisciplinary inter collegiate, Technical Fest on 2023 May 8 & 9. The theme of the program is Youth Leadership & Technical Development. In Association with Tech Fest UEC organised Techfest logo launch on 24th April , 2.30 pm at College Auditorium.



On April 26, 2023, Mr. Sajan Jose, Assistant Professor in the Department of Civil Engineering at Universal Engineering College, delivered technical talk on "Industrial Safety Engineering." His presentation covered essential safety protocols, risk management strategies, and best practices for maintaining a secure working environment in industrial

## Workshop



Mechanical Engineering Department of UEC collaborated with Metalscan Inspection Service for conducting a workshop on Non Destructive Testing. The workshop aimed to provide Students with insights into the job market, career paths, and required skills for Non Destructive Testing .



# Inauguration of CESA(Association Day 2K23)



Civil Engineering Students Association CESA conducted an Association Day 2023 on 18/04/2023 at B block seminar Hall, 10:00am – 3:00pm. The program was started with a silent prayer. Thereafter Mr. sreerag K P (S8 CE) greeted the gathering. The HOD of Civil Dept Dr. Harinarayan N H carried out presidential addresses and the principal executed principal address for that event. Inaugural address was carried by Er. Sijoy K James (Managing Director of Lord Shine Builders ). Thereby entered to the foremost part of that program which was price distribution, Faseela memorial award was awarded to Anfeena Anwar (2018 Batch), Akshay Sudheer for got selection in KTU university cricket team. And for the competition winners conducted as part of association day . Felicitation done by CADCENTRE representative and Dr. Narayanan (HOD, ASH Dept). And the ended with vote of thanks by Sahla K S (S6 CE).

## ARTS DAY- 'ARTE 2K23'



ARTS DAY- 'ARTE 2K23' was officially inaugurated on 28-04-2023 Friday. The Arts Fest events were conducted from 17-04-2023 to 28-04-2023 which included 31 off stage events and 29 on stage events. The official Inaugural ceremony was on 28-04-2023 Friday, was commenced with a prayer at 10:15 am, followed by the welcome speech of staff in charge Ms. SUPRABHA C C. Then our principal Dr. Jose K. Jacob delivered the Presidential address. The CHIEF GUEST of the day Mr. KUZHUR WILSON, Inaugurated the Arts day and delivered the Inaugural speech and winded the speech by recitating with two poems in connection with students.



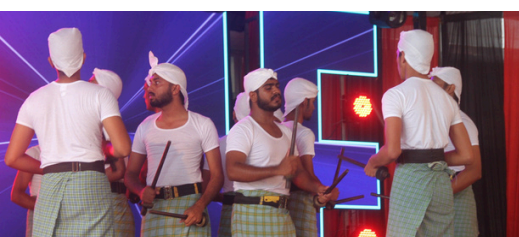
Mechanical Department HOD, Dr. Prem Sankar R, appreciated all the members for their effort in coordinating such a beautiful event and wished them every success during his felicitation address. The most eminent PTA Executive members Mr. Sasi Veliyath and A K Sukumaran congratulated the organising committee and requested the students to take care while driving. Last the vote of thanks was delivered by Mr. Jagalkrishna, Convener - ARTE 2K23. The official Inaugural ceremony was concluded at 11:15 am with a Musical Event by Guests Mr. Thanveer Mirza and Mr. Subin Padmanabhan. They performed a musical fusion which was very enjoyable.

The on stage events were planned to conduct on three different stages.

RUPAK: Main Auditorium Stage 1

EKTAAL: Main Block Stage 2

JHOOMRA: Main Block Room No: 101 Stage 3





Overall championship of Arts fest was banded by 4th year students and memento was handed over to their captain by Principal Dr. Jose K. Jacob. Kalaprathiba and Kalathilakam were achieved by Jagal Krishna of CE and Anamika T B of S6 CE respectively and both of them were awarded with a memento.



**WORKSHOP**

**SURVEYING INSTRUMENTS**

4 APRIL 2023

**SPEAKER**

**MS. ANUPAMA JINAN**  
ASSISTANT PROFESSOR  
LECTURESHIP



**KEY POINTS**

- INTRODUCTION TO VARIOUS SURVEYING INSTRUMENTS.
- EXPLANATION OF THE PRINCIPLES AND TECHNOLOGIES BEHIND THESE INSTRUMENTS.
- HAND-ON EXPERIENCE IN OPERATING THESE INSTRUMENTS.
- REAL WORLD APPLICATIONS OF SURVEYING INSTRUMENTS.



## Workshop

On April 4, 2023, Ms. Anupama Jinan, Assistant Professor in the Department of Civil Engineering at Universal Engineering College, conducted an engaging workshop on "Surveying Instruments." The session provided a comprehensive overview of modern surveying tools and techniques, including their practical applications in civil engineering projects.

# SEVENTH SEMESTER TOPPERS



**UNIVERSAL ENGINEERING COLLEGE**  
 S7 ECE KTU EXAMINATION  
 (2019-23 BATCH)  
*Congratulations*  
**TO THE WINNERS**



Divya A S  
SGPA 9.2



Shinta K S  
SGPA 8.87



Minnu A A  
SGPA 8.77



Dhiya Joseph  
SGPA 8.7



Divina K V  
SGPA 8.6

**Department of**  
 Electronics and Communication Engineering

**UNIVERSAL ENGINEERING COLLEGE**  
 S7 CSE KTU EXAMINATION (2019-23 BATCH)  
*Congratulations*

 Sana T H SGPA - 9.1	 ATHIRA SHAJI SGPA - 9.1	 BADARUNNIA T S SGPA - 9	 SANITTA BENNY SGPA - 8.87	 SHEHA SOMAN SGPA - 8.87
 Nandhana P H SGPA - 8.6	 Maxen Varghese SGPA - 8.4	 Varsha Valsan SGPA - 8.27	 Nesmi Siddique SGPA - 8.25	 Rashida M.M SGPA - 8.2
 Vidya A SGPA - 8.1	 Khalid Hareel SGPA - 8.1	 Amal E A SGPA - 8	 Vysal V S SGPA - 8	 Adithya V T SGPA - 8
 Soniya C J SGPA - 7.93	 Megha M R SGPA - 7.93	 Unnimaya V U SGPA - 7.9	 Sulthana M.M SGPA - 7.9	 Vishnu M R SGPA - 7.87
 Vishnu Haridas SGPA - 7.87	 Rasnal K A SGPA - 7.77	 Muhzin V I SGPA - 7.77	 Anagha Suresh SGPA - 7.7	 Roshni M SGPA - 7.57
 Anooth Hussain SGPA - 7.57	 Deepak T G SGPA - 7.53	 Hisana SGPA - 7.53		

For your outstanding result in  
**S7 KTU EXAMINATION ( Batch 2019)**  
 Department of Computer Science and Engineering

**UNIVERSAL ENGINEERING COLLEGE**  
 S7 ME KTU EXAMINATION (2019-23 BATCH)  
*Congratulations*  
**S7 KTU EXAMINATION TOPPERS**

 ARJUNKRISHNA R G SGPA - 9.07	 AMAL P M SGPA - 8.93	 ARYA ARUN SGPA - 8.87
 AJAY MANIKANDAN SGPA - 8.83	 MIDHUN SETHUMADHAVAN SGPA - 8.73	 ASIF M K SGPA - 8.57
 AJEESH K P SGPA - 8.53	 ADHIL SAYED K M SGPA - 8.47	 ALANDAS E A SGPA - 8.30
 ANANDUKRISHNAN N U SGPA - 8.07	 AMAL C S SGPA - 8.00	

**DEPARTMENT OF MECHANICAL ENGINEERING**

**UNIVERSAL ENGINEERING COLLEGE**  
 S7 EEE KTU EXAMINATION (2019-23 BATCH)  
*Congratulation*  
**S7 KTU EXAMINATION TOPPERS**

 ANJANA AJITH 8.7	 ABHILESH P A 8.47	 MANASA SAJINAN 7.93
 ABHISHEK P H 7.9	 MUHSINA M S 7.8	

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



# STUDENTS ACHIEVEMENTS



Students of S8 ECE Ms. Dhiya Joseph, Mr. Sachin VS, Ms. Anupama and Ms. Minnu, have won the BEST PAPER AWARD!!! for the presentation of "AI Receptionist with Alcohol Detection Capability" at the Avishkar Technical Paper Presentation Competition held by the Gregorian Institute of Technology, Kottayam. Their project is supervised by Ms. Rekha M. Mr. Balanand A A, Ms. Divina K V, Ms. Divya A S, Ms. Salva presented their paper "Smart driver assistance using artificial intelligence system " at the same event.

**UNIVERSAL ENGINEERING COLLEGE**  
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**WE ARE PROUD OF YOU**



**ARCHID ANIL**

Representing  
**APJ Abdul Kalam  
Technological University (KTU)**  
in

**ALL INDIA UNIVERSITY GRAPPLING CHAMPIONSHIP - 2023**  
(BHOPAL - MADHYA PRADESH / APRIL 13 TO 18)

DEPARTMENT OF MECHANICAL ENGINEERING

**UNIVERSAL ENGINEERING COLLEGE**  
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*Congratulations*



**RIDHWIN M.C**  
(S4 EEE)

**Secured silver medal in 800 mtr in KTU ATHLETICS MEET**  
@ Chandrashekhar nair stadium trivandrum

**DEPARTMENT OF PHYSICAL EDUCATION**

**UNIVERSAL ENGINEERING COLLEGE**  
11A, VVC Accredited Institution  
ISO 9001:2015 | Approved by: AICTE | Affiliated to KTU

**CHAMPIONS**



**ARCHID ANIL (S8 ME)**  
Silver medal (85 kg)

**YADHU KRISHNA (S8 EC)**  
Silver medal (70 kg)

**Thrissur district wushu championship  
2023**

**DEPARTMENT OF PHYSICAL EDUCATION**