

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

MISSION

- 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.

<u>Newsle</u>tter



Message - Chairman

"Individually, we are drops of water. Together, we are an unstoppable ocean." - Ryunosuke Satoro.

In our fast-paced world, taking a step back and drawing inspiration from the remarkable creatures that coexist with us is often valuable. Despite their small size, Ants possess extraordinary qualities that hold profound lessons for us all. They are masters of togetherness, tenacity, and unwavering commitment to a shared purpose.

First and foremost, ants are masters of collaboration. They understand the power of working together towards a shared objective. Just like the individual ants in a colony, each of us plays a vital role within our college community. Our success lies not in individual accomplishments alone but in our ability to collaborate, support, and uplift one another. Together, we can achieve greatness that surpasses our individual capabilities.

Secondly, ants demonstrate extraordinary perseverance. Think about how ants tirelessly work day in and day out, carrying burdens many times their own weight. They encounter obstacles and face adversity but never give up. Similarly, in our journey of learning and growth, we will inevitably encounter challenges. However, we overcome these hurdles through resilience and perseverance and emerge stronger, wiser, and more prepared for the future.

Lastly, ants possess a remarkable sense of purpose. They clearly understand their roles within the colony and always maintain their mission. Likewise, as members of this college, we need to identify and embrace our purpose. Whether it is academic excellence, innovation, social responsibility, or personal growth, we must always remain focused and committed to the larger goals we aspire to achieve.

Together, we can build an environment that nurtures creativity, encourages collaboration, and fosters personal and intellectual level



Message - Principal

"Success is not the key to happiness; happiness is the key to success. If you love what you are doing, you will be successful." - Herman Cain.

In today's fast-paced and competitive world, we often find ourselves caught up in pursuing success, constantly striving to achieve our goals and reach new heights. While ambition and hard work are undoubtedly important, finding joy in the journey towards our objectives is equally crucial. When we discover true enjoyment and fulfilment in what we do, we enhance our chances of success and cultivate a more meaningful and satisfying life.

A positive mentality is a powerful motivator that fuels determination and enthusiasm for achieving goals. By perceiving desires as chances for progress, we accept challenges, conquer hurdles, and persevere. This method promotes balance and appreciation for learning experiences, relationships, and abilities, helping us to engage in endeavours and cultivate genuine passion fully.

I encourage each of you to reflect upon your goals, whether academic, personal, or extracurricular. Ask yourselves: "What brings me joy in this endeavour? How can I infuse more joy into my journey?" Seek out the aspects that make your heart sing and create opportunities to experience those moments of happiness. Whether it is collaborating with peers, exploring creative approaches, or celebrating small milestones, let joy be your constant companion on the path to achievement. Together, let us embark on this exciting journey, embracing our goals with open hearts and joyful spirits. May we find joy in every step we take, every lesson we learn, and every achievement we celebrate. Remember, not only the destination matters but the joy we discover along the way.

Embracing the Power of Gratitude: Honoring Our Incredible Sponsors, the Architects of Student Success







Haris Kattakath



Dear Valued Sponsors, we extend our heartfelt appreciation for your unwavering support and belief in our students' dreams. Your generous contributions have been the driving force behind their educational journey, empowering them to reach new heights. With profound gratitude, we celebrate you as the guiding lights illuminating their path to success. Together, we're shaping a brighter future.

UEC Advisory Board External Members



The UEC Advisory Board convened on the 13th of June, 2023 to discuss and address various important matters. The meeting served as a platform for board members to engage in fruitful discussions and make informed decisions that would positively impact the organization's goals and objectives. Participants examined key issues related to the organization's strategic direction, financial performance, and operational efficiency.

UEC Management

<mark>V.K Shamsudeen,</mark> 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. Mohmmed, 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 ඊ Communication Engineering



Department of Civil Engineering signed the Memorandum of Understanding (MOU) between UEC and Lord Shine Builders, a renowned construction company specializing in commercial and residential building construction. This collaborative partnership holds immense potential for students, providing them with a wide range of opportunities to develop their skills through internship programs, expert lectures, and workshops.



World Music Day Celebration by Decibels

Workshop



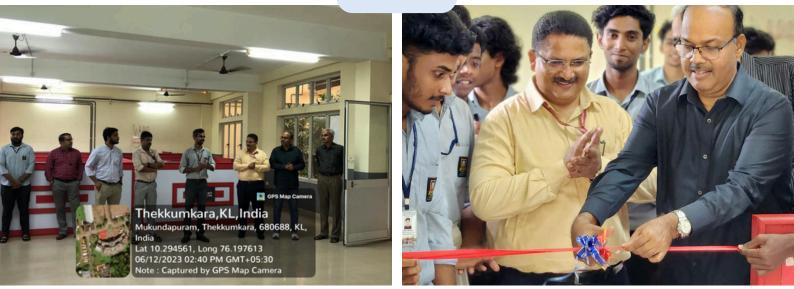
Robotics club of Mechanical Engineering Department successfuly conducted Workshop on "Introduction to Robotics" on 20/06/2023. The session was quite informative and interactive. Mr. Sunil Paul (CEO, Srishti Robotics) handled the session.

IEDC



IIC UEC in association with IEDC organized a session on Bookkeeping and accounting for startups on 19th June 2023. The program took place at Seminar Hall B Block At 2:00 pm, the program began with a silent prayer. Mr Antonio Joseph Innovation Ambassador,UEC, welcomed the resource person and the attendees. Divakaran U M,Chief financial officer, UEC handled the session. The program is organized exclusively for students of the incubated companies. There were around 36 participants. They enthusiastically engaged in the program and cleared their doubts. The program came to an end at 4.00 pm with a vote of thanks by Sahla Parwin, IEDC Member

IEDC



12th june 2023 was another significant day for UEC incubation center .Three additional startups were launched .the inauguration ceremony started at 2.30 pm at the incubator facility. Mr. Antonio Joseph,Innovation Ambassador delivered a welcome address.The programme was presided over by Dr Jose K Jacob, Principal, Universal Engineering College.He congratulated the students behind the startups and wished them all success. V K Shamsudheen, Chairman Universal Engineering College inaugurated the launching ceremony. He expressed appreciation for the efforts of the students and offered all management-side assistance. He also expressed his gratitude to the staff members who helped the students start their businesses.Then he interacted with the students. The ceremony came to an end with a vote of thanks delivered by Mr. Krishnakumar K







IIC UEC in association with IEDC organized a workshop on Prototype/process design and development on 9th June 2023. The program took place at Seminar Hall B Block At 10 am, the program began with a silent prayer.Sahla Parwin, IEDC Member welcomed the resource person Mr Antonio Joseph Innovation Ambassador Universal Engineering college. During this seminar, Mr. Antonio Joseph enlightened the attendees on the value of prototype design. He explained the stages in prototype design and development.Described about proof of concept, prototype development , what is market viable product with example.In order to make his points, he employed Tesla and Google Lens.He also emphasized the value of client reviews.Based on the feedback modifications are made on prototype. It is an iterative process. The program organized exclusively for students of the incubated companies. There were around 29 participants. They enthusiastically engaged in the program and cleared their doubts. The program came to an end at 1.00 pm with a vote of thanks by Diya El Fadhil, IEDC Member



IEDC



IIC UEC in association with IEDC and JWALA organized a talk on Entrepreneurship Opportunities for Women on 7th June 2023. The program took place at Seminar Hall B Block At 10:00 am, the program began with a silent prayer. The Jwala convenor, Ms. Bindhu Mol, welcomed the resource person and the attendees. The programme was presided over by **Dr.Jose.K.Jacob**, Principal, Universal Engineering College. He shared his thoughts and support for women entrepreneurs. The resource person of the day was Jinsh Rajeevan ,Senior program executive Kerala Development and Innovation Strategic Council. There were around 100 women participants . They actively participated in the program. The program came to an end at 1.00 pm with a vote of thanks by Amna R A, IEDC Member









Encon Club







World Environment Day Celebration







Literary and Debate Club

The Literary and Debate Club in association with Department of Applied Science & Samp; Humanities conducted an inspiring session in connection with "വായന വാരാപരണം& quot; 2023. The welcome address was delivered by Mr. K.M Gopalan Sir(Librarian). He reminded that libraries are opened doors of reading to the world. Now, anyone with access to the library can read. This fueled the awareness of reading, literacy, and also the importance of language in communication.



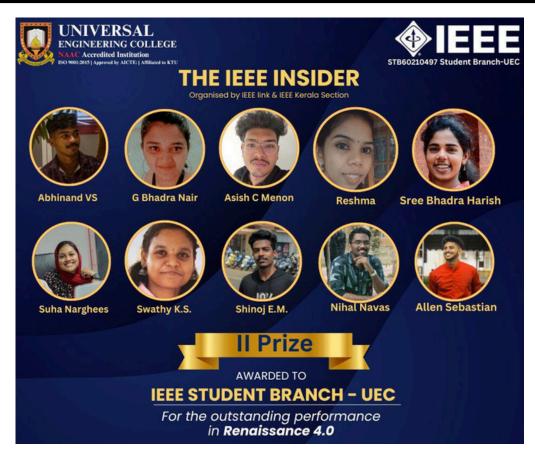
Our Principal, Dr. Jose K Jacob delivered the presidential address. He pointed out that reading plays a significant role in the development of country & socio-economic progress. Progress of a person, community and country depends on its rich knowledge base. Rich knowledge base depends on reading. The session was Inaugurated by Sri. T D Ramakrishnan (Novelist). He has authored two best-selling Malayalam novels: Francis Itty Cora and Sugandhi Enna Andal Devanayaki. He is a recipient of the Kerala Sahitya Akademi Award. He said that reading develops good values, ethics and life lessons in students.







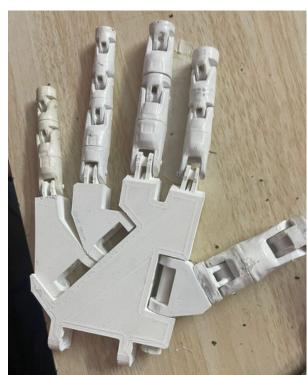
Volunteer training program Empowering women through Ayurveda attended by students and staff from Electrical and Electronics Engineering Department on 26th June 2023. The program was organised by Angana, Women empowerment cell, Vaidyaratnam as a part of their women empowerment activities under the ambit of Electrical association TESLA.



The winners of THE IEEE INSIDER conducted by IEEE LINK and IEEE KERALA SECTION as a part of Renaissance 4.0. Here we have the winners! 1st Prize - **Team Braniacs** 2nd Prize - **Team IEEESB_UEC** 3rd Prize - **Team WC ZERO**

Project





! Three of our our first-year mechanical students recently completed their internship at the prestigious *Arizona Lab in Bangaluru, where they worked on an exceptional project called "Humanoid Robot" * (Project done for DRDO, Bangaluru). During their internship, these students showcased exceptional excellence in their work, exceeding expectations at every step. Their innovative ideas, attention to detail, and relentless pursuit of perfection have truly impressed everyone at the Arizona Lab. As a result, the CEO of the company was deeply impressed by their contributions and has generously offered to provide them with a 3D printer to support their future projects. This acknowledgment and recognition of their outstanding performance serve as a testament to their remarkable abilities and the impact they have made during their internship.

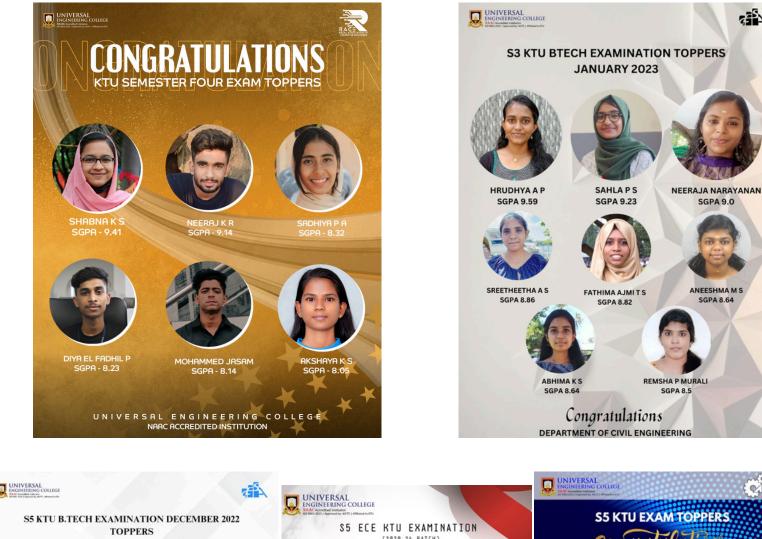
Olympic run

As a part of the international Olympic day celebrations, our sports team participated in the Olympic run program and successfully completed the 2.5km Run .the mass race conducted under the aegis of Kerala Olympic association.



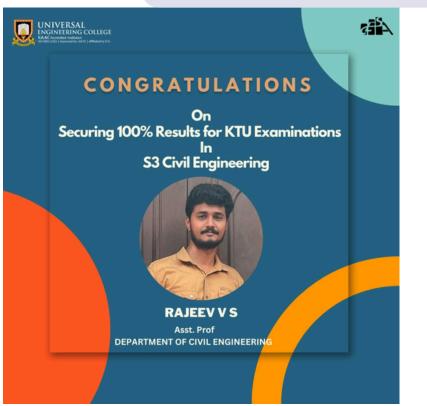
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UNIVERSITY TOPPERS





FACULTY ACHIEVEMENTS





(HOD-PHYSICAL EDUCATION,UEC) SELECTED TO THE MADHYA PRADESH STATE TEAM FOR THE SENIOR NATIONAL RUGBY CHAMPIONSHIP PUNE,MAHARASHTRA (JUNE 17,18-2023)



AKSHAYCS

UHAMMED RASHID

RAHUL RAJEEV V

JEEV V S

YADHUKRISHNAN

MOHAMED ALTHAF

PLACED STUDENTS....









PLACED STUDENTS....







