

EEETIMES

UNIVERSAL ENGINEERING COLLEGE, THRISSUR
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VISION

PROVIDE QUALITY EDUCATION IN THE FIELD OF ELECTRICAL AND ELECTRONICS ENGINEERING TO CREATE ETHICALLY RESPONSIBLE ENGINEERS THAT CATER TO THE NEEDS OF THE SOCIETY BY IMPARTING SKILL DEVELOPMENT, INNOVATION AND SUSTAINABLE DEVELOPMENT.

MISSION

1. TO PROVIDE QUALITY TEACHING ENVIRONMENT THROUGH INDUSTRY INSTITUTION INTERACTIONS, QUALIFIED FACULTY AND WELL EQUIPPED LABORATORIES.
2. IMBIBE ETHICAL VALUES AMONG STUDENTS AND PREPARE THEM TO ACHIEVE SUSTAINABLE DEVELOPMENT.
3. IMPART TECHNICAL SKILLS AND INNOVATIVENESS AMONG STUDENTS TO MEET EMERGING CHALLENGES

HOD MESSAGE

"I AM DELIGHTED TO SHARE OUR DEPARTMENT'S LATEST NEWSLETTER. THESE PAGES SHOWCASE THE HARD WORK, RESEARCH, AND TECHNICAL EXCELLENCE OF THE EEE FAMILY. LET THIS REPORT INSPIRE US TO AIM EVEN HIGHER IN THE SEMESTERS TO COME. HAPPY READING!"

DR. JOLY M
HEAD OF THE DEPARTMENT, EEE



TRAINING ON EMPOWERING WOMEN THROUGH AYURVEDA



The Electrical and Electronics Engineering Department, of Universal Engineering College conduct a Training Program on “Empowering Women through Ayurveda” was successfully conducted by Dr. Gopika ,Vaidtaratnam Thaikattusery , Thrissur on 25th May 2023. The programme was conducted in Association with TESLA. The primary objective of the program was to create awareness among participants about the role of Ayurveda in women’s health, self-care, and holistic well-being, and to empower volunteers with basic knowledge that could be extended to society through awareness activities. The session emphasized the importance of traditional healthcare practices in addressing common health concerns faced by women across different age groups.

TECHNICAL TALK ON “ELECTRICAL SAFETY”



The Department of Electrical & Electronics Engineering organized the program titled “Technical Talk: Electrical Safety” on 30/05/2024. The session was led by Mr T. Sudheer, Assistant Engineer, KSEB Ltd.. The event focused on practical insights and interactive discussions aligned to the curriculum. Students engaged in Q&A and short activities that reinforced the stated objectives. The session commenced with an introduction to the theme, expected outcomes, and its alignment with current industry expectations. The resource person contextualized the topic within the EEE curriculum and highlighted recent technological and regulatory developments relevant to graduates. Key concepts, standards, and methodologies were presented with live examples. The talk included a structured walkthrough of practical case studies, followed by a consolidation of core principles and best practices for engineering application.

CAREER ORIENTATION PROGRAMME

The Department of Electrical & Electronics Engineering under the banner of TESLA Association at Universal Engineering College (UEC) organized a comprehensive "Career Orientation Programme", aimed at equipping students with the clarity and confidence needed to navigate their professional futures. The session took place on August 17, 2023 at B-Block Seminar hall, The program was led by Ms. Chelsy Joy(Training and Placement Cell), The program guided the students through the complex landscape of modern career opportunities, emphasizing the importance of early planning and self-assessment.



TRAINING ON LED BULB MAKING



TRAINING ON LED BULB MAKING

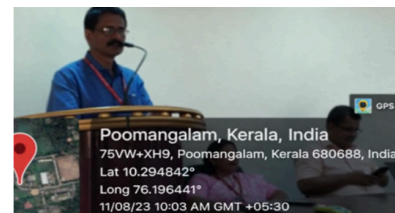
LIGHT UP YOUR SKILLS
BRIGHTEN YOUR FUTURE

VENUE:
ELECTRICAL MACHINES
LAB, UEC

DATE:
11/08/2023



The Department of Electrical & Electronics Engineering under the banner of TESLA at Universal Engineering College (UEC) organized a hands-on "Training on LED Bulb Making" aimed at promoting vocational skills and energy conservation awareness among its students. The programme was held on August 11, 2023, at electrical Machines Lab, UEC. The session was led by Mr. Abdul Rasqa (Workshop superintendent), who served as the resource person for the event. The workshop provided students with a practical opportunity to learn the assembly and repair of LED bulbs, moving beyond theoretical concepts to real-world application. Mr. Rasqa (Workshop superintendent) guided the participants through the technical components of LED technology, explaining the circuitry, efficiency benefits, and the step-by-step process of assembling a functional bulb.



BRAINSTORMING SESSION

The Department of Electrical & Electronics Engineering successfully conducted a Brainstorming Session on 6th September 2023 at Universal Engineering College (UEC) for the benefit of the Electrical and Electronics Engineering (EEE) students. The session was organized by the Training and Placement Cell, UEC, and was handled by Ms. Suprabha C. C, Faculty Coordinator, Training and Placement Cell. The primary objective of the session was to motivate students, assess their career readiness, and guide them towards effective placement preparation strategies. The session focused on helping students identify their strengths, areas for improvement, and the skill sets required to meet current industry expectations.

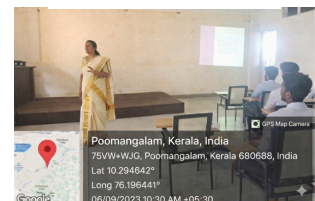


BRAINSTORMING SESSION

"WHERE IDEAS IGNITE"

BOARD ROOM
UEC

06 SEP, 2023

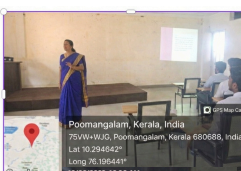


LEAD, INSPIRE, TRANSFORM



A comprehensive leadership program titled "LEAD INSPIRE TRANSFORM" was successfully conducted by TESLA Association of Electrical and Electronics Department of UEC, on September 13, 2023. The event took place at the A Block Seminar Hall, drawing students eager to develop their professional and personal skills.

The session was led by Ms. Suprabha C. C, an Assistant Professor from the ASH Department at UEC. Ms. Suprabha guided the attendees through various facets of leadership, focusing on how young minds can inspire others and drive meaningful transformation within their communities.

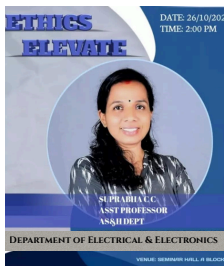


GLOBAL CAREER PATHWAYS

With the aim of broadening the professional horizons of its students, Department of Electrical & Electronics Engineering under the banner of TESLA Association of Universal Engineering College (UEC) hosted an insightful seminar titled "Global Career Pathways". The program, held on October 15, 2023, at B-Block Seminar Hall, UEC, provided students with a comprehensive roadmap for navigating the international job market and pursuing higher education abroad. The session was led by Ms. Keerthana K P (G M-Meraki global Consultancy), a seasoned expert in career counseling and professional development. Ms. Keerthana's talk focused on the shifting dynamics of the global engineering sector, urging students to think beyond local opportunities and prepare for a career without borders.



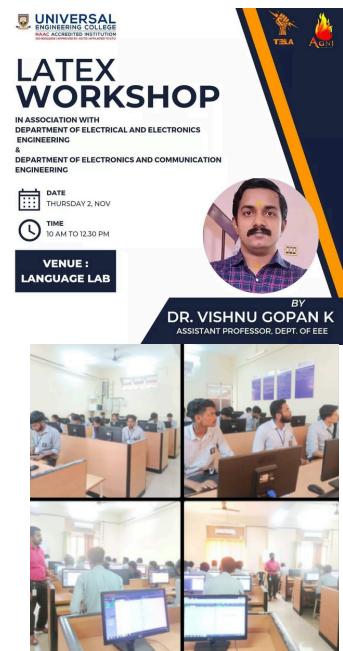
TALK ON ETHICS ELEVATE



In an era where professional conduct is considered as vital as technical expertise, Department of Electrical & Electronics Engineering of Universal Engineering College (UEC) organized a thought-provoking session titled "Ethics Elevate". The programme, held on October 26, 2023, aimed to instill a strong sense of moral responsibility and professional integrity in the next generation of engineers. The session was led by Ms. Suprabha C C (Assistant Professor AS&H Department), a regular collaborator and expert mentor at the college. The core message of the "Ethics Elevate" talk was that high ethical standards do not just serve as a moral compass but act as a catalyst for "elevating" one's career and professional reputation.

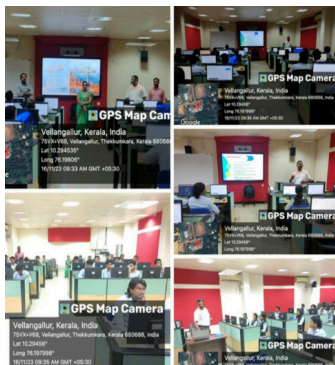
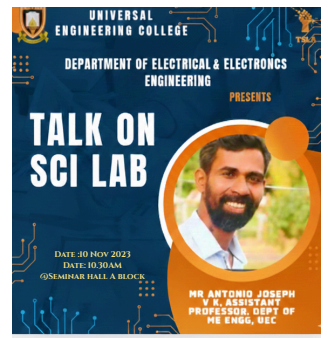
HANDS ON LATEX WORKSHOP

The student association 'TESLA' of the Department of Electrical and Electronics Engineering (EEE) at Universal Engineering College (UEC), in collaboration with the Electronics and Communication Engineering (ECE) department, organized a specialized "Hands-on LaTeX Workshop". The session, held on November 2, 2023, was designed to equip students with the advanced document-processing skills required for high-quality academic and technical reporting. The workshop was led by Dr. Vishnu Gopan K, Assistant Professor in the Department of Electrical and Electronics Engineering at UEC. Dr. Vishnu Gopan.K introduced the students to LaTeX, a powerful typesetting system widely considered the industry standard for scientific and technical documentation.



TECHNICAL TALK ON SCI LAB

The Department of Electrical and Electronics Engineering at Universal Engineering College (UEC) hosted an insightful technical session titled "Technical Talk on Scilab", focusing on the growing importance of open-source tools in modern engineering. The event, held on November 10, 2023, saw enthusiastic participation from students looking to enhance their computational and simulation skills. The session was conducted by Mr. Antonio Joseph, an expert in the field of numerical computing. Mr. Joseph introduced the students to Scilab, a powerful high-level, numerically oriented programming language that serves as a free, open-source alternative to proprietary software like MATLAB.



REVIT MEP WORKSHOP

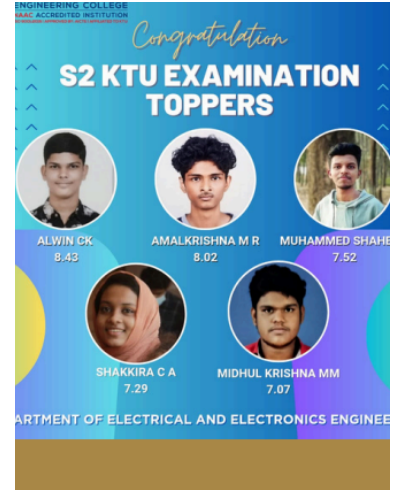
The Department of Electrical and Electronics Engineering under the banner of TESLA Association at Universal Engineering College (UEC) organized an intensive one-day technical workshop titled "BIM Based Electrical Design Using Autodesk Revit". The program was held on November 16, 2023, at the college campus, focusing on the specialized software skills required for modern Building Information Modeling (BIM). The workshop was conducted by Mr. Jakesh V. K., a seasoned BIM Engineer and resource person from Edu Soft Software Training Services.

SEMINAR ON DRONE TECHNOLOGY

The Department of Electrical & Electronics Engineering conducted a technical seminar on "Drone Technology", highlighted the college's commitment to exploring cutting-edge innovations in the field of robotics and automation. The session, held on November 20, 2023, saw an enthusiastic turnout of students and faculty members eager to learn about the rapidly evolving world of Unmanned Aerial Vehicles (UAVs). In a significant move to promote student leadership and knowledge sharing, the seminar was conducted by Mr. Arjun K.S., a final-year (S7 CSE) student of the college. By having a student lead the session, the event fostered a highly relatable and interactive learning environment, proving that UEC students are at the forefront of modern technical research.



ACHIEVEMENTS



EDITORIAL MEMBERS



SANGEETHA S
(faculty members)



ASISH C MENON
S6 EEE



SREE BHADRA HARISH
S6 EEE

