UNISPARK

Universal Engineering College

NAAC Accredited institution
Approved by AICTE, Affiliated to APJ Abdul Kalam Technological University
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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.*

V.K Shamsudeen
Chairman

Dr. Jose k Jacob
Principal

Message - Chairman

Message - Principal

"Synergy is what happens when one plus one equals ten or a hundred or even a thousand! It's the profound result when two or more respectful human beings determine to go beyond their preconceived ideas to meet a great challenge."
Stephen Covey

Synergy, the interaction of two or more entities to produce a combined effect greater than the sum of their separate effects, is a concept that is often overlooked but incredibly valuable in our personal and professional lives. At its core, synergy demands that we bring different things to the table and value those differences rather than seeking homogeneity.

When we embrace synergy, we create a space where diverse perspectives can be shared and utilized to create more innovative and effective solutions. We learn from each other, challenge each other, and ultimately grow together.

The value of synergy is particularly evident in the workplace, where diverse and inclusive teams are often more productive and creative. When people from different backgrounds and with different experiences work together, they bring unique insights and perspectives that can help solve complex problems and drive innovation. By embracing synergy in our personal and professional lives, we can create more innovative and effective solutions, improve our own skills and well-being, and ultimately build a more inclusive and equitable world.

"I like to encourage people to realize that any action is a good action if it's proactive and there is positive intent behind it."
Michael J Fox

Being proactive is a quality that sets successful people apart from those who struggle to achieve their goals. This trait refers to the ability to take control of one's life and take responsibility for one's actions, rather than blaming external circumstances for one's failures. It's a mindset that involves being proactive and taking steps to create positive outcomes, rather than simply reacting to whatever happens in life.

One of the key aspects of being proactive is taking responsibility for one's actions. Instead of blaming external factors such as your upbringing, your environment, or your luck for your failures, you take ownership of your actions and make a conscious effort to improve yourself and your situation. This means recognizing that you are in control of your own life and that you have the power to make things happen.
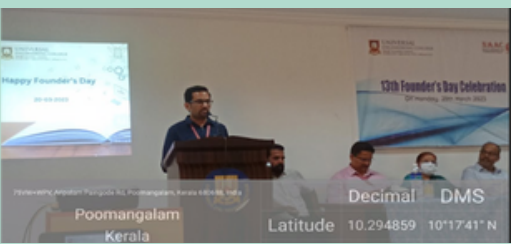
UEC Management

Academic Heads

WORKSHOP ON 3DsMAX

A workshop on "3DsMax software" was conducted by SRISHTI Tech Club, on 21st March, 2023 at 10:00 am at B Block,Seminar Hall. The session started with welcome speech by Ms. Chithira Krishnakumar (AP & Staff Coordinator of SRISHTI Tech Club). DR. Harinarayan N H delivered the HODs Address. The session was followed by the software workshop lead by the faculties from DreamZone, Kodungalloor. The workshop gave basic ideas on interior and exterior design of buildings. The session concluded at 12.45 pm by Vote of Thanks.

13th Founder's Day Celebrations

Universal Engineering College Vallivattom celebrated its 13th Founder's day on 20th March 2023 at B block Seminar Hall @ 2:00PM. All staff members of Universal Engineering College assembled at B block seminar Hall by 1:45 PM. The program started with a prayer song by Ms. Chithira Krishnakumar (AP,CE). Dr.Jose K Jacob , the principal of Universal Engineering College welcomed the gathering. The meeting was presided by Mr. V K Shamsudheen (Chairman ,Universal Educational Trust) . The Celebrations was Inaugurated by Dr. Mohan B Menon (Advisory Board Member). And key note address by Dr. Shakila Shamsu(Advisory Board Member)

The Placement Drive logo was released by Dr. A Unnikrishnan (Advisory Board Member) Also there was release of the Special Newsletter by Mr. V K Shamsudheen (Chairman ,Universal Educational Trust). There was a Felicitation by Mr. Harish L (PTMA Vice President).A token is presented to Mr. Tom Sujan (Student ,S8 CE, Founder – Build & Design) for preparing a plan for new boys hostel. Dr. Premsankar R (HOD,ME) delivered the Vote of thanks. There was a cake cutting ceremony by the delegates. Five start-ups from IEDC were launched on that day. The Founder's day celebrations was co- ordinated by Ms. Gayathri K K(AP,ECE)

Workshop on 3 D Printing Technology

Robotics Club of Mechanical Engineering Department, Universal Enginering College conducted a workshop on "3 D Printing Technology" on 21 March 2023. The workshop was conducted especially for third year ME students of the department; to enhance the knowledge about the 3 D Printing Technology and its applications. The workshop was started with a silent prayer, Arshadali C N (Student coordinator of Robotics Club) delivered the welcome address. Head of Department, Dr.PremSankar R inaugurated the workshop and congratulated the club members for organizing such a workshop.

Mr. Clint K S (Asst Prof., Universal Engg College& Co founder of Green Orbis Consultancy), handled the session; The workshop was attended by third year ME students and faculty interested in the technology and its applications. The workshop began with Mr Clint giving a brief introduction about 3D Printing Technology and its various applications. He discussed the different types of 3D printing technologies, such as Fused Deposition Modeling (FDM), Stereolithography (SLA), and Selective Laser Sintering (SLS).
He explained the advantages of each type of 3D Printing technology and its various applications. Following this, Mr Clint demonstrated the process of 3D printing, starting from the design of 3D models to the actual printing process. He also explained the various software tools that can be used to create 3D models, such as Autodesk Fusion 360, and solid edge. After the demonstration, the students and faculty present were given an opportunity to try their hands at 3D printing. Mr Krishnakumar P V provided assistance in setting up the 3D printers and provided guidance to the students prind faculty on the 3D tprinting process.
The workshop was concluded on 21 March by 12:30 pm with a vote of thanks by Jaison K A Staff coordinator of Robotics Club.

Womens Day Celebration

Jwala, the women cell, UEC celebrated International Women's Day on 8 March 2023 at Seminar Hall B block at UEC. International Women's Day is a global day celebrating the social, economic, cultural and political achievements of women. Ms. Bindumol V G, Convenor of Jwala extended a gracious welcome to the gathering and conveyed the women's day message and theme of IWD 2023. The program was inaugurated by Dr. Jose K Jacob, Principal, UEC. Before the starting of the session the gathering was addressed by the heads of various departments Dr. Joli M, Department of Electrical and Electronics Engineering, Dr. K K Narayanan, Department of Applied Science and Humanities, Dr.Sreeraj S, Computer Science and Engineering, Dr. Arun Pradeep, Electronics and Communication Engineering. The cultural program began with prayer. The day was made colourful by the cultural programmes of students followed by the prize distribution. The program ended at 3.30 pm with a vote of thanks by Annmariya (student, S8 CSE).

Workshop

A workshop for an introduction to merchant navy can be a great way to educate our final year students about this important industry and the job opportunities it offers. Department of Mechanical Engineering has conducted workshop to share some ideas about merchant navy.Session was handled by Mr. Prashanth R Shenoy (Chief Engineer, Anglo Eastern Ship Management LTD, Hong Kong).Dr. Prem Sankar R (HoD, ME) has delivered the presidential address. Mr. Francis P. A (Associate Professor, ME) given the felicitation. Mr. Akhil Ramesh (Asst. Professor, ME) has delivered the vote of thanks.
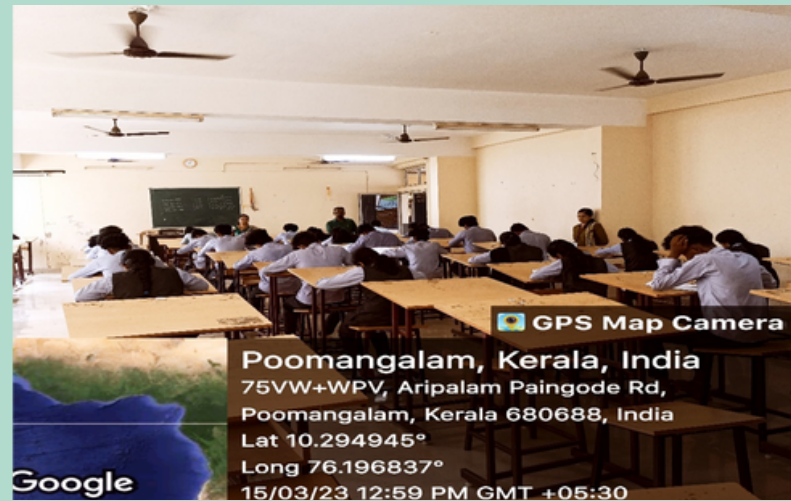

On 7th March at 11:30 AM, the Association of Mechanical Engineering (ARMS)collaborated with the CORE Institute of Technology to conduct a workshop on the careerprospects of MEP fields. The workshop aimed to provide students with insights into the jobmarket, career paths, and required skills for MEP professionals.The session was delivered byMr. Aji, who is a leading MEP consultant and has worked on numerous prestigious projects inthe field. He provided valuable insights into the various career paths available in MEP engineering and the skills required to succeed in each path.
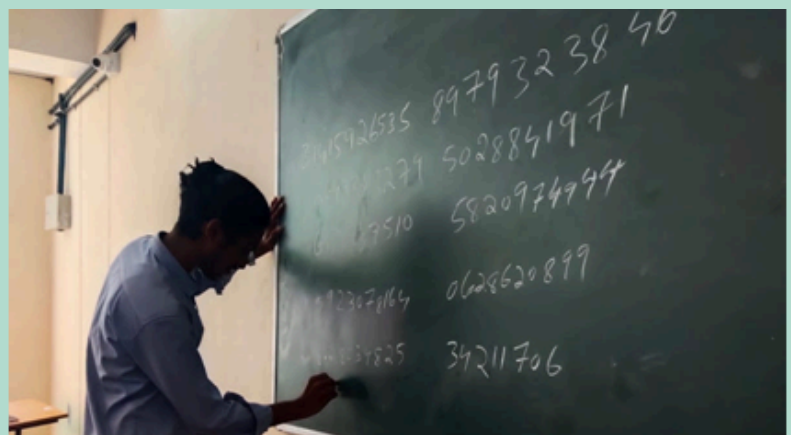
NATIONAL PI DAY CELEBRATIONS

On March 14,2023 UEC celebrated Pi day in an exceptional manner.Various activities were organized on this occasion which enriched the students. On the first day 13.03.2023 the program conducted was "Exhibit Pi in your own ideas". On the second day 14.03.2023 the program conducted was Quiz related to "Know more about Pi". Ms. Anamika G of S2 EEE got the first prize

On the third day 15.03.2023 the program conducted was "Pi day Sudoku competition". Mr Rohith Suresh of S2 ME secured the first position.On the fourth day 16.03.2023 the program conductedwas astudent talk about "Why is Pi so special". Many students competed with one another.Ms Delma of S2 ECE secured the first position.On the fifth day 17.03 2023 the program conducted was the games related to Pi – "Pi Day fun for everyone". Students participated in a Pi Memorization Contest where students competed with one another in memorizing the greatest number of digits of the pi- irrational number. All students that participated in the contest did an excellent job!The first-place winnerMidhun M M of S2 ME memorized 110 digits of the constant pi and the second-place winner memorized 65 digits of pi!

On the valedictory function was started at 3.45 pm.Mr.Rahul Ravi , Assistant Professor delivered the welcome speech. A cake cutting ceremony was done by the Principal Dr.Jose K Jacob. The winners were rewarded trophies distributed by Dr.K.K.Narayanan, HoD of Applied Science & Humanities.Student coordinator MsDivyaJyothi of S2 CE delivered vote of thanks.

Talk ,Jam ,Produce , Record ,Collaborate…..

Music club presents

X-FEAT

DUET MUSIC COMPETITION

Online

| 15 MARCH, 2023 - 30 MARCH, 2023 |

The music club of UEC gathered today to celebrate Freshers day by welcoming newly added music club members from first year. The program was a grant success with soul rendering performances from music club members. Freshers also marked their entry by their heart warming singing skills. The music club of UEC also organises Duet Music Competition for UEC students

IEDC

IEDC students visited India's first super Fab Lab. @ integrated startup complex of Kerala startup mission at kochi on March 1

IEDC UEC had conducted two days boot camp for our students on 30th and 31st March 2023. The boot camp aimed to make the students to brainstorm and come up with innovative or business idea's. Main focus was given for technology sector. But the students were free to come up with ideas from other domains also. 15 teams participated in the program (total 76 students). The professional entrepreneurs Mr. Vishnu Nagaraj, Founder and CEO of Carve Startup Labs and Mrs. Alisha Davis, Co founder and COO of Carve Startup Lab, were handled the session. Mr. Antonio Joseph, IEDC Nodal officer, took a session on the startups and its opportunities in Kerala. At the end, each teams were asked to present the ideas they had worked out during these two days. Among them 4 ideas were found to be good, which can be converted into a startup or a business and few others need some more technical supports to refine it further. Series of programs are planned for the next semester to help the students to convert their ideas into a prototype stage and move further. IEDC executive committee students were fantabulous and proactive. They had played an important role in the success of this program.

Five start-ups from IEDC were launched on 20th March 2023

Technical Talk

On March 16, 2023, Ms. Bindumol V G, Associate Professor in the Department of Civil Engineering at Universal Engineering College, delivered an insightful technical talk on "Green Building." Her presentation focused on the principles and practices of sustainable construction, emphasizing how green building techniques can significantly reduce environmental impact and enhance energy efficiency

FDP

IQAC UEC organized two day FDP on " Outcome Based Education" on 3 rd and 4 th of March 2023. The program mainly focused on an in-sight into NBA accreditation process.

Class about basic ideas in MS Word, MS Excel

On March 7, 2023, Mr. Nikhil R, Assistant Professor in the Department of Civil Engineering at Universal Engineering College, conducted a class on basic ideas in MS Word and MS Excel. The session aimed to familiarize students with fundamental features and functionalities of these essential software tools. It covered key aspects such as document formatting, data organization, and basic formulae, providing attendees with practical skills to effectively use MS Word and MS Excel for their academic and professional tasks

Connect Career to Campus

Connect Career to Campus phase 2: 3 days Placement training was conducted for final year EEE students from 14th to 16th March, 2023.The program focussed on Personal grooming and Interview skills. The facilitator for the session was Ms. Aswathy V M, Skill Development Executive, ASAP.

MoU Signed

The Memorandum of Understanding(MoU) signing ceremony between Universal Engineering College and Cloud Innovations. First add on course offered by CSE department is **"Full Stack Development with Python"**. Course starts on :April 10 ,2023

FACULTY ACHIEVEMENTS

Abhijith CS, Assistant Professor Department of Electrical and Electronics Engineering qualified GATE exam 2023