

SEPTEMBER 5, 2023



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

Message - Chairman

"To be highly successful in anything, you need to have both passion and perseverance." Angela Duckworth

It might sound strange, but believing that only talented people succeed is not true. Anyone can achieve success if they learn to concentrate and work consistently. Unfortunately, some people expect success to come to them without any effort. This is what separates "geniuses" from "regular people." Successful people show determination through hard work, not by relying on their genes.

You might wonder why high achievers work so hard. It's because, even when success seems unlikely, they don't focus on their own shortcomings or feeling dissatisfied. Instead, they keep pursuing their goals with a strong focus. They believe that the process of reaching their goals is just as important as the end result, even if it's challenging.

Grit means being brave, having strong determination, and persisting in your efforts no matter how tough it gets. It's about being courageous and having a strong character. If you want to stand out from the crowd, you need to put in extra effort. Success doesn't come from talent alone; it comes from hard work and determination. Passion is an awesome thing to have but is hardly ever enough. When challenges come, and even your hard work fails you, grit will not. Grit is what will push you to persevere even when it doesn't look like there is any reason to. Talent is overrated; you can accomplish anything you set your mind to once you are ready to work for it. Tough times that come will only make you more refined and strong enough for the next challenge; try not to give up!



Dr. Jose k Jacob
Principal

Message - Principal

"A teacher is a compass that activates the magnets of curiosity, knowledge, and wisdom in the pupils." - Ever Garrison

Teachers play a crucial role in the success of aspiring engineers in today's dynamic environment of engineering education. They go beyond the typical responsibilities of educators and develop into mentors and advisors who share priceless knowledge garnered from years of experience. These committed people play a crucial role in guiding students through the difficult engineering landscape by imparting profound knowledge in addition to information. Teachers work as vital bridges between the present and the future in a society where technical improvements are occurring at an accelerated rate. They make sure that students have access to the most recent resources and approaches relevant to their chosen fields of study by regularly updating their own knowledge and teaching strategies.

Dear teachers, you are the driving force behind Universal Engineering College's achievements. Your unwavering dedication, adaptability, mentorship, commitment to diversity, and student-centred approach make you the educators of today, shaping the engineers of tomorrow. I extend heartfelt gratitude to you for illuminating the path to knowledge, innovation, and excellence for our students, ensuring a brighter future for all.

Happy Teachers Day.



Dr. Shakila Shamsu

**Member Advisory Board,
Universal Engineering College,
Formerly OSD(NEP), Ministry of
Education and
Secretary, erstwhile Committee
to Draft National Education
Policy**

The National Education Policy 2020- Transforming Higher Education

The new National Education Policy (NEP) 2020, approved on the 29th July, 2020 is the first education policy of the 21st century, that will set in motion a wide range of transformative reforms by 2040. The 21st century is witnessing several drivers of change, that calls for a paradigm shift in entire education sector. We are living in a highly connected world, triggered by the immensely growing impact of ICT. The emergence of disruptive technologies, such as, robotics, machine learning, artificial intelligence and generative AI, big data, etc are challenging existing job profiles and creating a whole new set of professions. Consequently, it is crucial that our students combine multiple competencies & capabilities. We are fortunate to have the largest youth population, and can be the main provider of human resources to other countries. This human capital can become a soft power, only if the youth are equipped with the right knowledge, skills, competencies that make them productive individuals contributing to their individual growth, national development and become global citizens. The NEP reaffirms its global commitment to the UN Development Goals and particularly SDG-4 which seeks to “ensure inclusive and equitable quality education and promote lifelong learning opportunities for all” by 2030.

The Policy views school and higher education as a single organic continuum, recognising their inter-connectedness and concomitant synergies. It highlights the scientific thinking that the teaching -learning process evolves in an age-appropriate, stage -wise manner from the tender growing years to the advanced ages. In the extant higher education scenario, we limit the choices of subjects opted by students in a single discipline, be it sciences, social sciences, applied sciences, humanities, engineering, management, medicine, law, agriculture, pharmacy, nursing etc. These silo-based disciplinary qualifications will be counter-productive in the future economy, as students are required to have both depth in a core discipline, alongside with a breadth of exposure to multiple knowledge domains and skills. This reflects the idea of holistic development through an integrated multidisciplinary approach. In an era where we commonly hear adages, like: the jobs of tomorrow are unknown or job profiles will change every seven years; it becomes important to develop graduates who have both depth and breadth. Undergraduate students can choose from a varied set of courses as per his/her own dispositions, likings, and interests. At the UG level, the credit combinations will cover: Major Core Disciplinary and Interdisciplinary areas; Multidisciplinary Minor Areas; Ability Enhancement Courses; Skill Enhancement Courses; Value-added Courses and mandatory internships / apprenticeships.

To facilitate such flexibility in curricular choices and maintaining the record of credits acquired by students across disciplines, institutions, modes of learning and at varying pace over a stretched duration of seven years; the instrumentality of the Academic Bank of Credit (ABC) for digital storage of academic credits has been created. The National Higher Education Qualifications Framework (NHEQF) and the National Credit Framework (NCrF) would guide the seamless mobility across institutions, academic streams of skills, general education and open and distance education.

To ensure multidisciplinary offerings, HEIs will need to enter into academic arrangements with other HEIs. Such arrangements would pave the way for innovative academic collaboration between institutions, through HEI clusters, leading to multidisciplinary education and research in different modes; merger of single-stream institutions with other multidisciplinary institutions; strengthening institutions by adding new departments. Such institutional collaborations can pave the way for the award of dual degree where students enrolled in an HEI can take up the first degree at the host institution and the second degree at the partnering institution. These differentiated structures can be adopted by technical and professional institutions, including agriculture, architecture, medicine, pharmacy, law, teacher education etc. As part of internationalisation of higher education, flexible options of joint degree, dual degrees and twinning programmes are now available.

Education is included in the Concurrent List of the Constitution and state governments have to judiciously work out state specific implementation strategies. HEIs being autonomous entities must synchronize these reforms through detailed action plans with the active involvement and participation of faculty as well as students and parents. NEP 2020 has created an opportunity for diverse options imperative to meet the disruptions and challenges, in which knowledge and learning calls for dynamism and accelerated adaptability.

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. Mohammed, 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

Happy Teacher's Day....



Encon Club



Universal Engineering College Encon club organized a Energy Conservation Seminar and LED bulb assembly training for Kadalaayi Muslim Jama-ath members. Sri V R Sunilkumar MLA Inaugurated the Seminar. Sri Shafeer Karumathra president of KadaLaayi Jama-ath committee presided over the function. The Felicitation addresses were delivered by Sri Aboobacker faisyy, V P Mohanan and T K Sharafudheen Members of panchayaths. Sri K K AbdulRazak coordinator Encon club led the Seminar. Sri P K Sreenivasan, Smt Jasmine R, Sri T S Sameer were assist the programe.

ASME Students Chapter Inauguration



The official inauguration of the ASME (American Society of Mechanical Engineers) Student Chapter at Universal Engineering College took place on August 24, 2023, from 02:00 PM to 03:30 PM. The program commenced with Mr. Clint K S, faculty member, and ASME student advisor, delivering the welcome speech. Dr. Prem Sankar R, Head of the Mechanical Department, addressed the gathering with the presidential address. Principal, Dr. Jose K Jacob, delivered the principal address. The highlight of the event was the keynote address by the esteemed Chief Guest, Prof. Dr. C P Sunilkumar FIE

Project Expo 2023



The Project Expo 2023 organised by Universal Engineering College was inaugurated by Dr. Jose K Jacob, Principal. The faculties of all departments, P G Dean, Workshop superintendent and Media officials were present on the event. Various Final year Btech Project works done by the students of Department of ME, CE, CSE, ECE & EEE were exhibited during the event.



UNIVERSAL ENGINEERING COLLEGE
 MAAC Accredited Institution
 (2019-2023) | Approved by AICTE | Affiliated to KTU

Department of
Computer Science & Engineering
 In Association with FOSS CLUB

FOSS CLUB

ADD ON COURSE

MACHINE LEARNING
 Theory & Hands on Practice with Python

Contents

- Machine learning skills
- Supervised Learning Algorithms
- Unsupervised Learning Algorithms

RESOURCE PERSONS

Dr.Nitha C Velayudhan
 Professor
 CSE

Dr. Sreeraj R
 Professor
 CSE

COURSE DURATION : 88 Hours
 Venue : SDPK LAB

More Information:
 Rema M K : +91 99956 31356

Starts On
 24 August,
 Thursday

ADD-ON COURSE

Add- on course on MACHINE LEARNING Theory & Hands on Practice with Python organized by department of Computer Science and Engineering in association with FOSS Club from 24/08/2023. The Duration of the course is 88 hours. The resource Persons for the Add on course were Dr. Sreeraj R, HOD & Professor CSE and Dr. Nitha C Velayudhan, Professor CSE.

MoU Signed

Department of Civil Engineering signed the Memorandum of Understanding (MOU) between UEC and XTREM 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.



Onam Celebration 2023



Graduation Day



The Universal Engineering College dedicated to the pursuit of excellence in engineering education, held its annual convocation on August 12 2023. The ceremony was a momentous occasion for the graduating students as they embarked on a new chapter in their lives, and it was graced by the presence of Dr. M P Poonia, the former Vice-Chairman of the All India Council for Technical Education (AICTE), who attended as the chief guest. (ONLINE)



The convocation ceremony commenced with the academic procession led by the esteemed faculty members, followed by the graduating students who wore their academic regalia with pride. The event celebrated the academic excellence achieved by the students during their time at Universal Engineering College.

Dr. M P Poonia, the former Vice-Chairman of AICTE, delivered an inspiring and thought-provoking address to the graduating students. He shared insights into the importance of technical education in today's world and the role engineers play in shaping the future. His words of wisdom and encouragement motivated the graduates to pursue their dreams with passion and dedication.





The highlight of the ceremony was the conferring of degrees to the graduating students. Each graduate walked across the stage with pride and received their degrees from Delegates. This symbolic moment marked the culmination of years of hard work, dedication, and perseverance.

The convocation also recognized outstanding achievements of students in various fields. Medals and awards were presented to those who had excelled in academics, research, and extracurricular activities. These awards served as a testament to the college's commitment to nurturing well-rounded individuals.



The Universal Engineering College Convocation with Dr. M P Poonia as the chief guest was a resounding success. It not only recognized the accomplishments of the graduating students but also provided them with valuable insights and motivation for their future endeavors. The event brought together a community dedicated to the pursuit of knowledge and excellence, setting the stage for a brighter and more promising future. a little bit of body text

Alumini Meet 2023



PLACEMENT TRAINING "SUCCESS STRIDE"

Empowering Your Career Journey

Placement Training



Training and Placement Cell of Universal Engineering College has conducted a 2 day offline TCS training programme on 18-08-2023 & 19-08-2023 for final year CSE, ECE and EEE students of UEC at Seminar Hall A block and B block. Mr. Viswajith A and Mr. Shine S, Trainers, Jay's Academy handled the training programme. Around 100 final year CSE, ECE and EEE students attended the training.

📅 17,18 August 2023

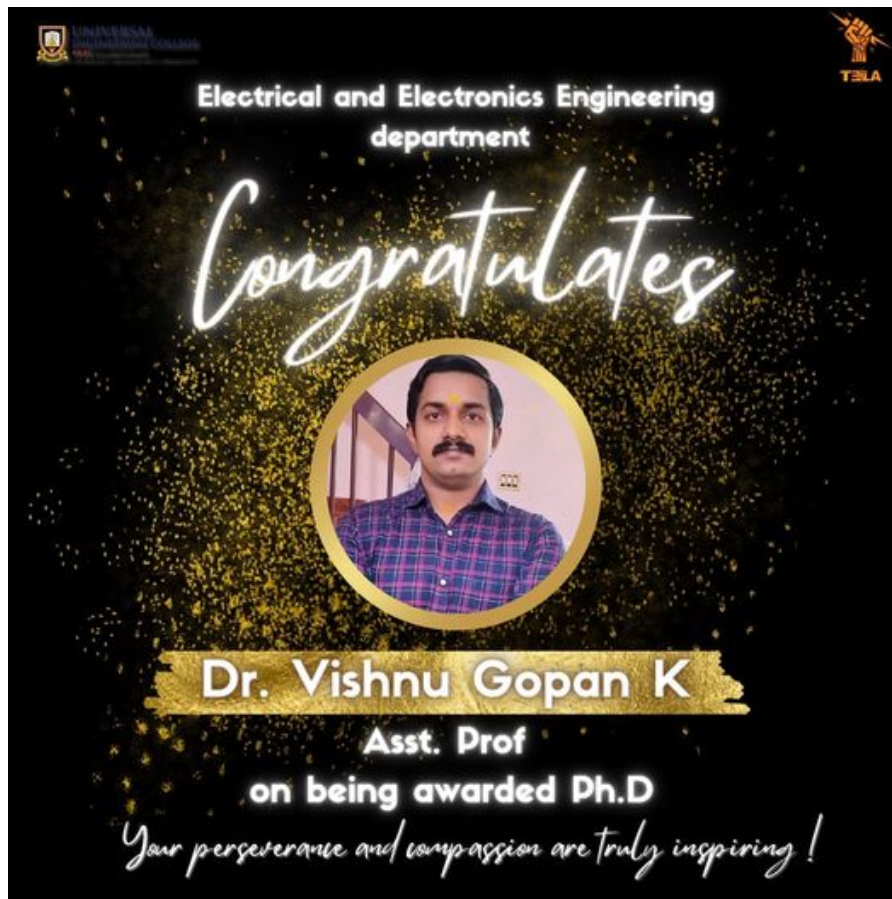
🕒 09:30 AM

📍 Seminar Hall

Training & Placement Cell



FACULTY ACHIEVEMENTS



STUDENT ACHIEVEMENTS



The final year BTech Mechanical Engineering project on, Design and Fabrication of Multi Payload Drone by Mr. Mohammed Maheen, Mr. Ajay Krishna, Mr. Abhijith CD, Mr. Diljith KS (2019-23 Mechanical) have bagged 2nd prize in, All Kerala Mechanical Btech Project competition , MECH CRAFT'23 organised by AISAT and The Institution of Engineers (India).