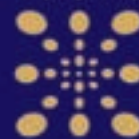


We Train  
the Engineers to  
**IMPACT**  
the WORLD !!

EXPLORING ENGINEERING  
**EDUCATION 4.0**



A project of



**UNIVERSAL  
KNOWLEDGE  
FOUNDATION**

KNOWLEDGE FOR SUCCESS

 **UKF COLLEGE**   
OF ENGINEERING & TECHNOLOGY NATIONAL BOARD  
OF ACADEMIC STANDARDS  
*Learning to succeed*

AN ISO 9001:2015 CERTIFIED INSTITUTION  
Parippally, Kollam

Managed by Universal Knowledge Foundation | Approved by AICTE |  
Affiliated to APJ Abdul Kalam Technological University &  
State Board of Technical Education (SBTE)

## ABOUT US

**UKF** College of Engineering and Technology is owned and managed by the Universal Knowledge Foundation Trust. Started in the year 2009, the college has come to a full circle and has carved out a niche in the professional educational scenario of the state.

UKFCET is rich in its infrastructure as well as human resources. We consider our team of qualified, experienced and dedicated faculties as the most valuable assets of the institution. The healthy relationships maintained among the staffs, students and management combined with the constantly upgraded infrastructures makes UKF an ideal place for knowledge dissimilation. The upgrade is not only for its infrastructure but also for the educational structure. Excellent academic result brought in by our students is a testimony to the commitment of our institution. Our students have also excelled in co-curricular and extra-curricular activities.

Rather than fighting with the fast-growing new technologies, it's better to embrace the change and bring that transformation to the benefit of both students and academics. We make sure to instil professionalism in our students through our regular soft-skills training programs. UKF believes in the comprehensive development of our students by providing regular sessions in soft skill development, language communication, interview skills etc by invited experts. Industry-Institute tie ups allow our students to experience their job environments and a predetermined decision on their career scopes.

### OUR QUALITY POLICY

"We are committed to mould young professionals by adhering to a consistent excellent education system of high quality with continuous improvement and by providing state of the art infrastructure and student support which will help to promote an entrepreneurial culture among our students and bring out a generation that is globally competent and socially committed"

### VISION

**UKFCET** strives to emerge as an international center of excellence in engineering education and research by transforming students into competent professionals through a culture of critical thinking, creativity, innovation, entrepreneurship & awareness of societal relevance.

### MISSION

**UKFCET** empowers its student engineers with skills to be innovators for work and life by partnering with industries and society thereby creating a sustainable world

## UKF HITS A TRIUMPH

THREE BRANCHES AWARDED WITH THE PRESTIGIOUS  
NBA ACCREDITATION

**UKF** College of Engineering and Technology emerges as a beacon of scholarly distinction and professional finesse. In a recent triumph, multiple programs within its hallowed corridors have been adorned with the prestigious accreditation from the National Board of Accreditation (NBA), a resounding testament to the institution's unwavering pursuit of academic excellence. Notable among these adorned disciplines are Civil Engineering, Electrical and Electronics Engineering, and Computer Science and Engineering, each bearing the hallmark of rigorous educational standards upheld by UKF.

The NBA Accreditation, a coveted accolade bestowed by the venerable All India Council for Technical Education, serves as a hallmark of the college's commitment to nurturing future-ready professionals equipped with the skills and knowledge to thrive in a dynamic global landscape.

At the heart of this accreditation lies an unwavering dedication to Outcome-Based Education principles, intricately woven into the fabric of every academic endeavor. Aligned with the exacting standards of the Washington Accord, an esteemed consortium of accreditation bodies spanning the globe, UKF's curriculum stands as a paragon of innovation and relevance.

A holistic pedagogical approach pervades every facet of the UKF experience. From

immersive placement training to active engagement in extracurricular pursuits and hands-on involvement in real-world projects,

students are imbued with the skills and acumen requisite for success in a rapidly evolving professional landscape. Augmented by supplementary programs, real-time projects, and comprehensive soft skill development initiatives, the UKF experience transcends mere academics, shaping well-rounded individuals poised for leadership and innovation.

In a strategic endeavor to broaden students' horizons and foster a global mindset, the college has forged strategic partnerships with esteemed industry players, including a memorandum of understanding with TUV Rheinland Pvt. Ltd., a leading German entity. This visionary collaboration aims to equip students with not just academic prowess, but also linguistic fluency and cross-cultural competency, opening doors to a world of opportunities on the global stage.

Even amidst the pursuit of accreditation, the vibrant tapestry of UKF's cultural and artistic endeavors continues to flourish. As the culmination of three years of unwavering dedication and meticulous preparation, this accreditation serves not just as a validation of past achievements, but as a harbinger of future triumphs. Armed with the imprimatur of NBA accreditation, UKF graduates stand poised on the precipice of boundless possibilities, ready to make their mark on the world stage with confidence, competence, and unwavering resolve.

### KSHEMA GROUP CONCERNS



**Dr. S. Basant**  
Chairman



**Smt. Lovely Basant**  
Treasurer



**Smt. Amritha Prasobh**  
General Secretary & Director

### BOARD MEMBERS

- ▶ **Dr. S Basant**  
Chairman
- ▶ **Smt. Amritha Prasobh**  
General Secretary & Director
- ▶ **Smt. Lovely Basant**  
Treasurer
- ▶ **Smt. K Lakshmi Pillai**  
Trust Member
- ▶ **Shri. V K Prasanth**  
Trust Member
- ▶ **Shri. Abinand Basant**  
Trust Member
- ▶ **Dr. Prasobh K Prabha**  
Trust Member



## Jewels in Our Crown



**Prof. Jiby Varghese**  
Executive Director



**Dr. Jayaraju Madhavan**  
Principal



**Dr. Gopalakrishna Sarma E**  
Deputy Director Academics & Chairman, Curriculum Committee



**Dr. Aneesh V N**  
Vice Principal



**Dr. Reshmi Krishnaprasad**  
Dean Academics



**Prof. Jithin Jacob**  
Vice Principal, UKF Polytechnic



**Dr. M. Nazeer**  
HOD / CE



**Dr. Mohammed Sajid N K**  
HOD / ME



**Dr. Arun E**  
HOD /CSE



**Dr. Neethu Raj R**  
HOD / ECE



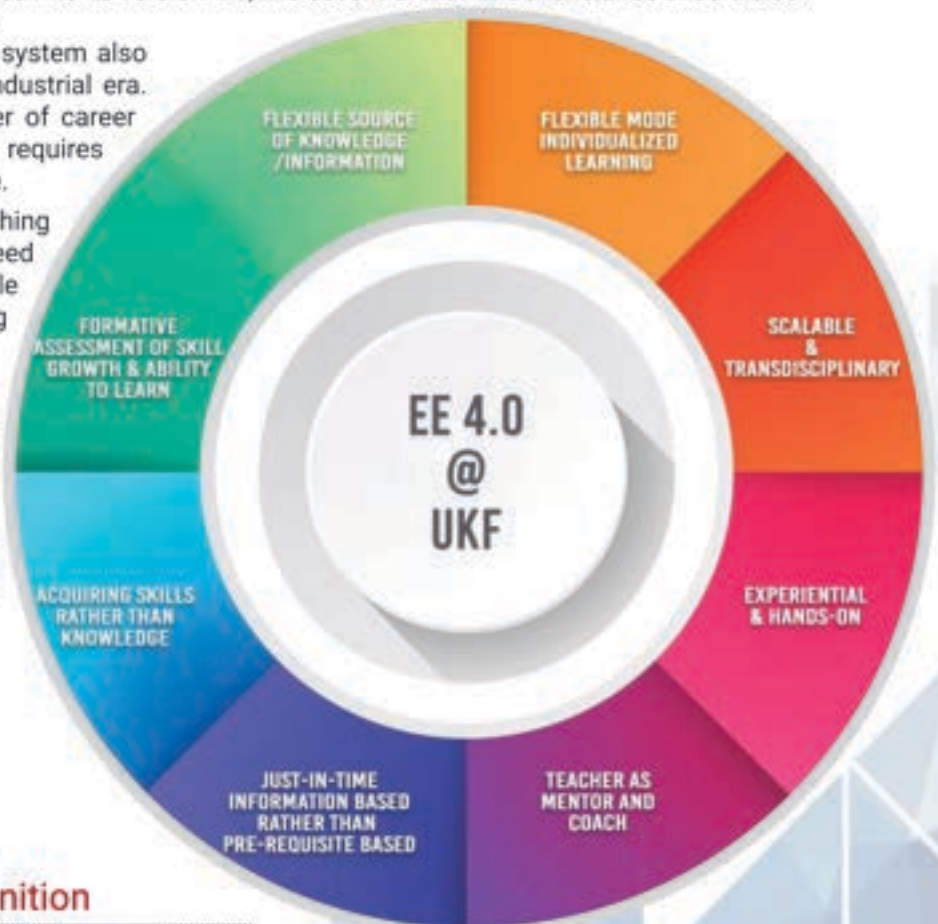
**Dr. Sreeja P**  
HOD /EEE



**Prof. Priya R S**  
HOD, H&S

## EDUCATION 4.0 @ UKFCET

- "We are currently preparing Our students for job opportunities that will hit the industry in the next few years, using futuristic technologies which aim at solving problems that our world is yet to see."
- As Industrial revolution has stepped into its version 4.0, it is essential that its beneficiaries should also upgrade themselves to that level.
- It's high time that our education system also steps up towards the updated industrial era. In this digital era, a wide number of career options are available. But it all requires updated technological knowledge.
- The days of conventional teaching and textbook learning methods need to change. Students must be able to anticipate what they are going to deal with in industries.
- Education 4.0 helps our students not only to have a clear idea of what they learn through practical experiences, but also eventually groom themselves to become young engineers by the time they graduate out of the college who are already industry - ready.




## Awards & Recognition





# CAMPUS LIFE

@ UKF



"As a UKF College student you will be challenged to grow, inspired to create and dared to excel. Here you will gain the knowledge and skills to equip yourself for success in any field you choose. Make a real-life impact in the world. Your future begins right here..."

Learning at UKF is not just limited to the class rooms. Here, students are encouraged to take part in extracurricular activities, which will enhance their soft skills and fine tune their technical expertise in the subject. Our students consistently brings laurels to the institution in Arts, Sports and Technical Symposiums. Life at UKF is a balanced mix of academics and leisure. The outstanding performance of our students is a testimony to this culture of Learn, Work and Play.

## STUDENT AFFAIRS

Before and after your arrival on campus, the student support cell will assist you. Programs and services include orientation, advising services, intercultural programs and recreation activities. The Support cell will help you to make your college experience enjoyable, safe and successful.

## INDUSTRIAL VISITS & TECHNICAL TOURS

Every year Industrial visits and study tours are arranged by all departments, enabling students to perceive the real working ambience of the industry. This provides an opportunity for the students to get accustomed to the industrial environment, besides making them aware of the latest trends and practical applications of the industry.





### SOFT SKILLS & LANGUAGE DEVELOPMENT PROGRAMMES

Special programmes on communicative English, Interview Techniques, GD Training and overall development of personality of students, are being conducted at regular intervals incorporating new techniques like Transactional Analysis, Neuro Linguistic programming, Lifeology, Psyometric Analysis, EQ etc.

### SPORTS & GAMES

Sports and Games are among major extra-curricular activities in the college. The students are encouraged to participate in various games which includes football, cricket, volleyball, basketball, Badminton, Wrestling and Table Tennis. The games are played within the campus. The college sports team has participated and bagged prizes in various tournaments conducted at the University and Intercollegiate levels.



# THE PLACEMENT ARENA

## NURTURING YOUNG ENGINEERS INTO INDUSTRY READY PROFESSIONALS

At UKF College of Engineering & Technology, every student is encouraged to pursue their ambitions and dreams of becoming successful individuals. To achieve this, the Training and Placement Cell of our institute places the utmost importance on providing transition programs that help our students to transition from academic challenges to successful career paths. Our approach towards training and placements has resulted in a high placement rate for our students. We groom our engineering students to be able to hire the best companies across the world based on individual capacity. At UKF College of Engineering & Technology, we recognize the importance of technology in the industry today, which is why we prioritize providing our students with robust knowledge of coding, programming, and technical know-how. Our fully equipped laboratories cater to the technological learning requirements of our students, ensuring that they possess up-to-date skills and in-depth knowledge that meets the industry's expectations. This gives our students a competitive edge over other candidates and increases their chances of securing their dream job.



UKFCET PLACEMENT TEAM

# PLACEMENT FUNCTIONS



The main objective of our placement training arena being 'developing right skill- set to compete in a global environment', our training modules include communication, presentation and interpersonal skills, leadership qualities, group discussion, aptitude, reasoning and technical skills, Interview hacks. Trainings are imparted to students from early semesters of their course till the final year which helps the students to attend the recruitment process with great ease and confidence.



Placement Offer Letter Distribution Ceremony 2023

## Our Students can be found at...



## UKF GARAGE

The science central garage enables the students to probe and appraise on their proposition about automotive components and type of machinery. The garage is the solution for the discrepancies between empirical findings and theoretical postulations. Quality training is one of the most important features of this new wave and this imparts applied experience to students. The student involvement enables them to try until it comes right, learning by doing is the best way to learn.



## SWADESH

SWADESH acronym for Skilled Work Attainability Development and Entrepreneurship was a transformation from academia to core industry had envisaged the visions of Education 4.0. The real time industry interaction for the budding engineer's thus moulded them as the unique engineers for the future generations. As a part of SWADESH students had got opportunity for internship in the renewable energy sector, which is first of its kind in the nation.

## FAB LAB

This small scale workshop is equipped with artificial intelligent tools arranged to create almost anything. The Global community of learners, educators and innovators instigates the students to develop a wider perspective of their own ideas. The digital fabrication tools like 3D Printers, laser cutters, CNC routers, vinyl cutters etc. aids them to demonstrate their ideas through technology. By providing instructions and supervision on their research of the mechanisms, application and implication of digital fabrication the faculty acknowledges their trestle.





## UKF SKILL SCHOOL

### MOU SIGNING WITH TUV RHEINLAND INDIA – UNVEILS A PROMISING PARTNERSHIP FOR SKILL TRAINING

In a landmark development, marking a significant stride in academic collaboration, UKF College of Engineering and TUV Rheinland have partnered to offer vocational courses tailored to students' needs, leading to internationally recognized certificates. This partnership emphasizes enhancing education quality through industrial training with advanced technology, including a four-year engineering program with German language training. Targeting underprivileged students for overseas employment, the alliance was inaugurated at the MoU signing ceremony, with ongoing engagement between college officials and TUV representatives.

Dedicated to bridging the gap between academic knowledge and industry readiness, our Skill School equips aspiring engineers with practical skills, real-world experience, and a professional demeanor essential for success in today's competitive industrial landscape. Our courses, such as Professional in Wind Technology, QA/QC in Civil Engineering, and Professional in Mechanical, Electrical, and Plumbing, all offer TUV Rheinland Certified Qualifications, ensuring students are prepared for the demands of the modern workforce.

## UNAI –ASPIRE UKFCET CHAPTER

The United Nations Academic Impact- UNAI is an initiative that aligns institutions of higher education with the United Nations in supporting and contributing to the realization of United Nations Goals and mandates, including the promotion and protection of human rights, access to education, sustainability and conflict resolution. There are about 60 institutions across Kerala which are controlled by Kerala Forum-UNAI. ASPIRE UKFCET Chapter is one among the best chapters across Kerala.



## DEPARTMENT ASSOCIATIONS



## UKF CENTRE FOR ART AND DESIGN

The UKF Centre for Art and Design, within the UKF College of Engineering and Technology, fosters a unique blend of artistic expression and technological innovation. We cultivate creativity across disciplines, from traditional arts to digital and interactive design. With a focus on interdisciplinary collaboration, we push the boundaries of artistic exploration and technological advancement through immersive performances, installations, and design projects.

In 2023 & 2024, the UKF College of Engineering & Technology hosted a Tech Biennale, featuring diverse installations that drew over 10,000 spectators. Concurrently, the establishment of the UKF Center for Art & Design aimed to nurture students' artistic skills. Under its leadership, the college emerged as the sole prize-winning engineering college in Kerala in a state-level dance competition organized by Malayala Manorama and Reliance Trends at Ernakulam, among various engineering, arts, and science colleges.



## IEEE

It provides an opportunity for being academic and technically focused. It improves the multitasking skills by holding oneself to perform various duties, volunteering experience. It helps the student to overcome stage fear and become a Public Volunteer and Public Speaker. IEEE IAS SBC UKFCET had won the CMD Most Happening Chapter Award last year. A student who gets to work with such recognised units of IEEE shall be benefited extensively at the time of placements.



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## NSS

Science without humanity is one of the seven deadly sins according to the Gandhian philosophy. National Service Scheme in the college focuses to generate and cultivate on the humane values of the future of our country. Making them understand about their social commitment is as important as the institutionalised academic syllabus. Purposes or intentions of human betterment are present both in the subjects being studied and in the work they are doing.



## CULTURAL ACTIVITIES

UKF gives adequate importance to the overall development of the students. Social and Cultural activities are a part of campus life. Arts Day organized every year at the college is a deal platform for the young talents to

showcase their skills. Festive occasions are celebrated in the campus to promote the spirit of harmony. We are a major participant in University Kalolsavam. The college has got a vibrant social service league also.

## IEDC & START UP

This aims to embellish the student engineers to think what nobody has thought. Through learning and collaboration we enable them to convert their innovative and creative ideas into prototypes. Access to cutting edge technology, world class infrastructure, high quality mentorship, early risk capital and external connects succours them to discover a superior way to do the venture. The centre of attraction, the specialisation hubs, focuses on cultivating the culture of entrepreneurship among the students.

## UCARS UKF CENTER FOR ADVANCED RESEARCH AND SKILL DEVELOPMENT

is established to conduct quality research in fundamental and applied sciences. The center focuses on conducting translational researches which could directly impact industry and society. The center has the state of art technologies like 3D Printer, Laser cutter, CNC engraver, Acoustics Levitator, latest imaging technologies, lathe facilities and high performing Computing facilities to conduct cutting edge research. Vision is to develop a research and skill based educational ecosystem among the undergraduate and

graduate students and subsequently channelise the outcomes to translational technologies that could directly benefit the society.

The introduction of add-on courses in collaboration with Arcite Academy and TechByHeart demonstrates a commitment to holistic skill development, preparing students for the demands of the industry. Additionally, the implementation of the U Level system to enhance student skills throughout their engineering course signifies a proactive approach to education, ensuring that graduates are well-equipped to tackle challenges in various fields.

Overall, U-CARS appears to be a dynamic hub of innovation, collaboration, and learning, poised to make significant contributions to both academia and society.

“ An  
“Engineering Student”  
elsewhere will be a  
“Student Engineer”  
in UKF. ”



### MoUs & Technical Collaborations

 TÜV Rheinland Recently Paqit	 3D ROBOTICS	 IEEE	 NASSCOM
 TECHMENTOR	 IC-COUNCIL/ACADEMIA PARTNER	 INSTITUTION'S INNOVATION COUNCIL	 PMKVY success starts here
 SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	 SERPIS STARTUP MISSION	 KBA	 i'm





**NATIONAL BOARD OF ACCREDITATION**  
CE | CSE | EEE BRANCHES ACCREDITED

## COURSES OFFERED

### B. Tech

CIVIL ENGINEERING	60 SEATS
MECHANICAL ENGINEERING	60 SEATS
ELECTRICAL & ELECTRONICS ENGINEERING	60 SEATS
ELECTRONICS & COMMUNICATION ENGINEERING	60 SEATS
COMPUTER SCIENCE & ENGINEERING	120 SEATS
DATA SCIENCE	60 SEATS
CYBER SECURITY	30 SEATS

### M. Tech

ENVIRONMENTAL ENGINEERING & MANAGEMENT	12 SEATS
POWER SYSTEM	12 SEATS

### Diploma Courses

CIVIL AND ENVIRONMENTAL ENGINEERING	60 SEATS
ROBOTIC PROCESS AUTOMATION	60 SEATS
RENEWABLE ENERGY	60 SEATS

## How can You **JOIN** the UKF Family

### ADMISSION PROCEDURE & ELIGIBILITY:

Candidates having a pass mark in higher secondary examination of the Board of Higher Secondary Education of Kerala or an examination of the recognised equivalent thereto with percentage of marks as per AICTE/KTU/Govt of Kerala norms published in the Kerala Engineering prospectus are eligible to apply.

**FOR ADMISSION CONTACT**

**8606 00 999 7**  
**6235 55 554 4**



## UKF POLYTECHNIC COLLEGE

Institution code: **UKP**

*learning to succeed*

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📺 /ukfcollegeofengineering

