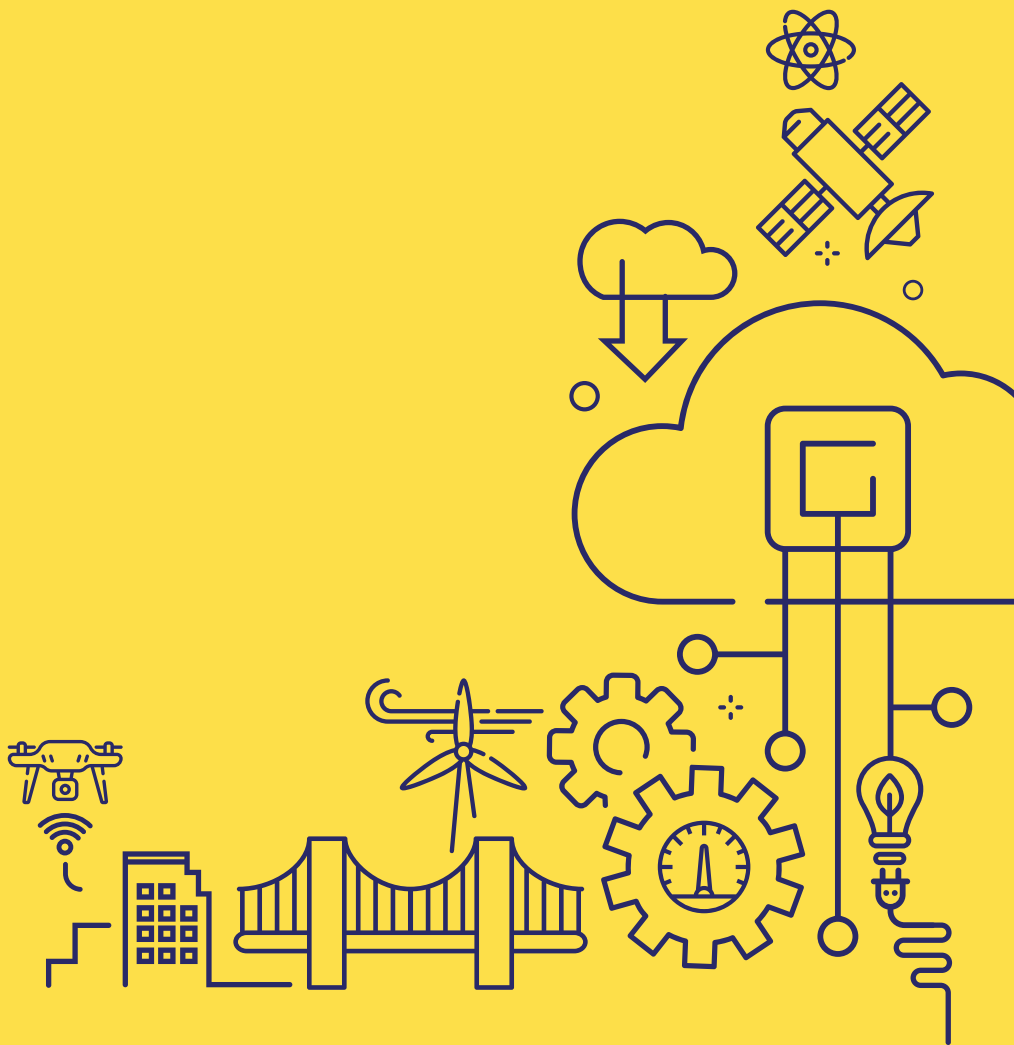
Engineering

DISCOVER ENGINEERING

at Universal College of Engineeing



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200+
Placements are done for Batch 2017-2021

12
Scholarship Awarded

07
Technical Courses Offered

WELCOME TO UCoE

10
Undergraduate Degree Programmes

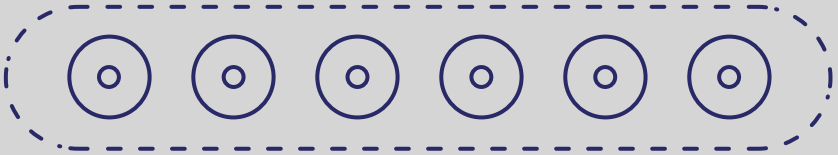
6,000
Undergraduate Students

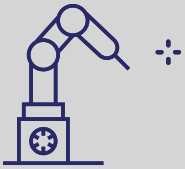
At UCoE, we are passionate about great technology, but also how to use that technology to make a difference. Share our passion as you get hands-on with us, on campus, solving real engineering challenges, right from your first semester.

Tailor your own educational journey through our diverse pathways and myriad of study options and extra curricular activities. Whichever engineering discipline you choose, you will be well prepared for the digitalized economy with exciting core modules emphasizing design, systems and digital skills.

If you have an interest in mathematics and science, come experience the thrill of impacting lives through technology with us at Universal College of Engineering!

WHY ENGINEERING?





Did you know engineering is the only career where you look at the world's problems and work out practical ways to solve them? Modern challenges of urban living, ageing society and climate change require good technology that uses fewer materials and less energy. Engineers use the principles of mathematics and science to come up with useful products or ways of doing things to make our lives better.

WHAT MAKES US DIFFERENT?

FUTURE-READY CURRICULA

Digitalisation is fast transforming the engineering practice –our common curriculum equips you with the right knowledge and skills to thrive in the jobs of tomorrow.

EXPERIENTIAL LEARNING

Hands-on exploration and experimentation from the get-go just like in the real world. Test out design ideas in our makerspace and apply classroom learning during compulsory internships.

DIVERSE PATHWAYS

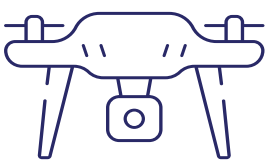
Engineering skills and knowledge are highly versatile, opening up a myriad of opportunities in industry, research or enterprise. Customise the pathway that best suits your strengths, interest and aspirations.

INDUSTRY READY COURSES

With industry partners like IBM and TCS we provide our students with 8000+ certificate courses in both technical skills and interpersonal skills training.
We also provide training and unlimited attempts to the TCS NQT, a pan-India evaluation exam which opens doors to 600+ corporates

GREAT PLACEMENTS

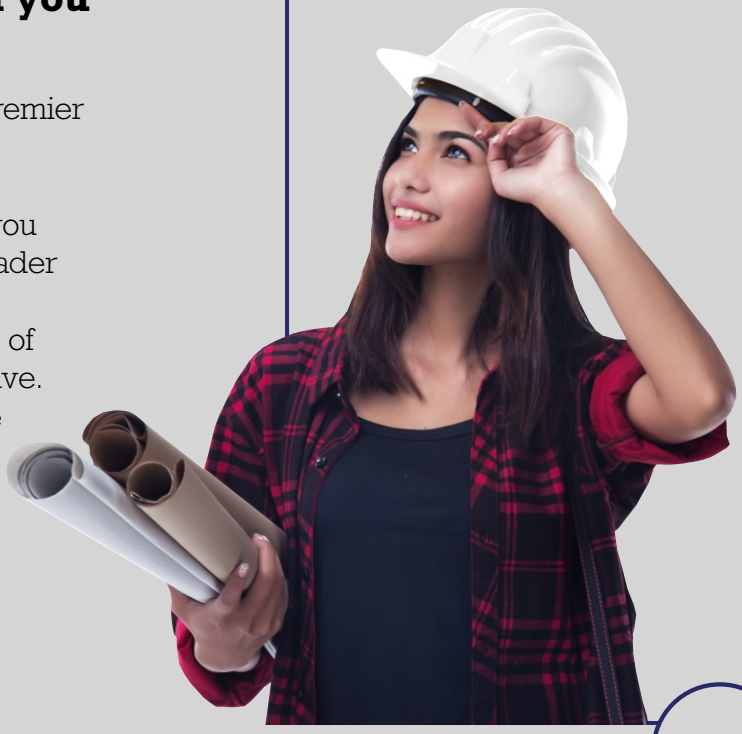
With great placement partners and a growing reputation in the market we have been achieving close to 100% placement figures for the entire batch the last 2 years



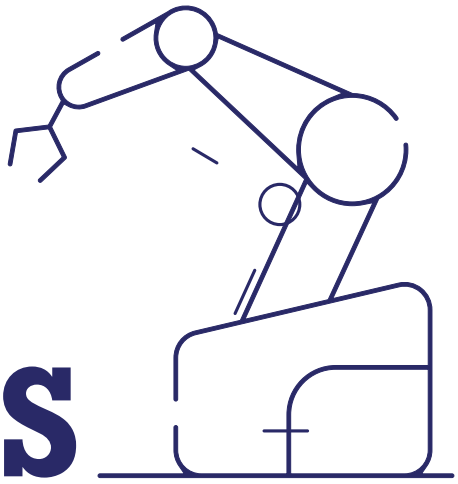
WHY STUDY @ UCoE?

Bringing out the best in you

Embark on a unique and holistic educational experience with our premier programme – catered for a new generation of technology leaders. Beyond just technical proficiency, you will be nurtured into an inspired leader who can communicate effectively and understand the societal impact of technology from a global perspective. Meet like-minded friends along the way and graduate with the skill & the mindset to change the world!



ENGINEERING YOUR PATHWAY TO SUCCESS



Computer Engineering

Information Technology

Data Engineering

Civil Engineering

Artificial Intelligence and Machine Learning

Artificial Intelligence and Machine Learning

Artificial Intelligence presents a solid foundation in the principles and technologies that underlie many facets of AI, including logic, knowledge representation, probabilistic models, and machine learning.

Information Technology

The Department of Information and Technology aspires to establish a system of Quality Assurance continuously, evaluate and monitor teaching-learning process. Each year our students get placed in reputed organizations and external experts from different universities and industries are welcomed to interact with students to impart futuristic, technical education.

Data Engineering

In this program, students will learn key techniques used to design and build big data systems and gain familiarity with data-mining and machine-learning techniques that are the foundations behind successful information search, predictive analysis, smart personalization, and many other technology-based solutions to important problems in business and science.

Civil Engineering

Civil engineers develop a full range of skills in design, analysis, fabrication, management, and teamwork. Students are broadly trained and able to deal with the latest technologies. The growing array of sensors, instrumentation, intelligent facilities and new materials highlight the high-tech character of the discipline, creating new educational challenges and redefining the skill set that civil and environmental engineers need to succeed. Our laboratories for the Civil streams are fully equipped to help students assimilate the concepts holistically and hands-on.

Computer Engineering

Studying computer science will help you to develop problem-solving, critical thinking and complex analytical skills. Skills such as these are especially useful for specialists working with complex algorithms and big data to create instructions and understanding design patterns.

BEYOND ENGINEERING

Certificate Courses from our Knowledge Partners

IBM

IBM Skills Build is a comprehensive program to support your learning needs with over thousands of certification courses that provide hands-on learning experiences and also, opportunities to join digital work /job fairs to create pathways to the industries of your choice

tcs NQT
NATIONAL QUALIFIER TEST

Get test preparation and unlimited attempts at the TCS NQT exam, which opens doors to thousands of job opportunities from across the industries at PAN India level, with TCS and 650+ corporates.

Access to
650+
Corporates

How do you prepare for Professional life?

Industry Ready Certifications

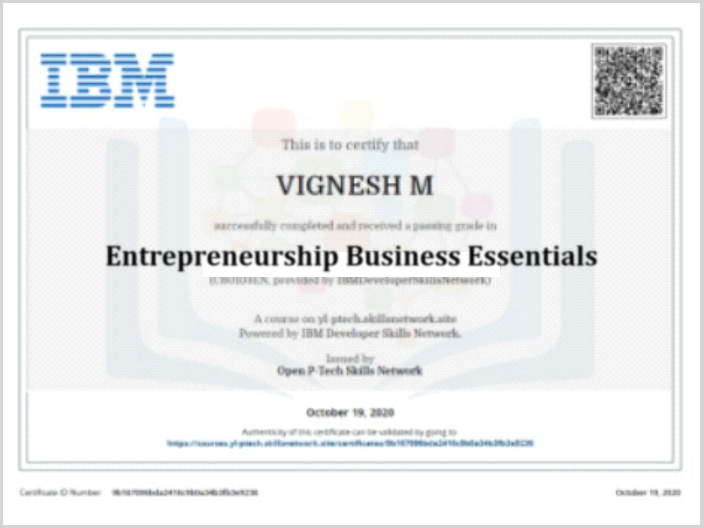
- Machine Learning with R
- Block chain Essentials
- Chatbot building
- Text Analytics
- Statistics 101
- Data science Foundations
- Big Data Foundations
- Python for Data Science
- Applied Data Science with Python

Technical Skills Certifications

Workplace Skills Modules

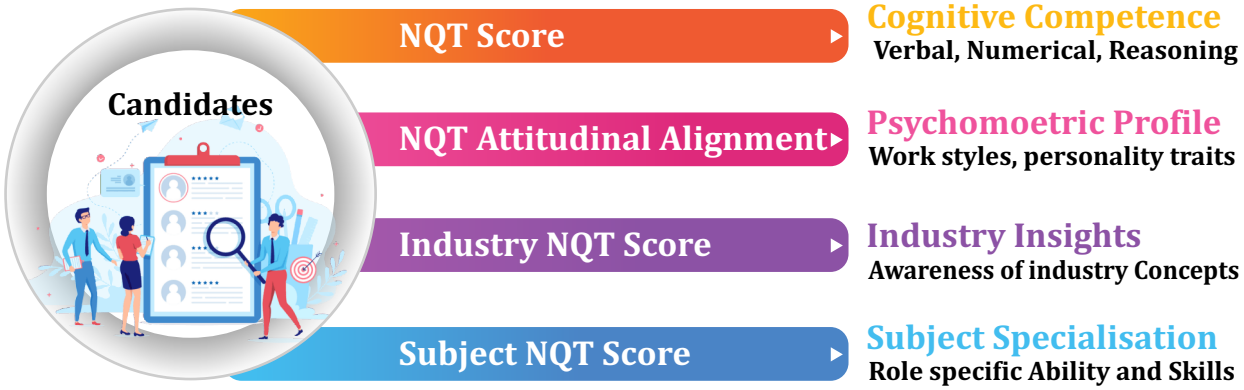
- Project Management
- Problem Solving
- Critical Thinking
- Job Readiness
- Study Skills
- Communication Skills
- Presentation Skills
- Leadership
- Interpersonal Skills

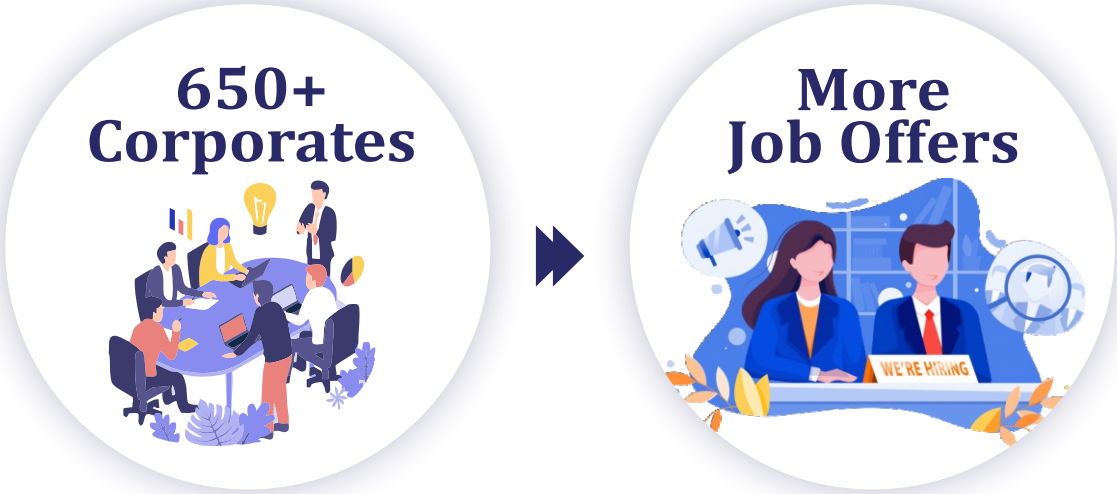
Workplace Skills Certifications



In addition to a formal degree, corporates look for Job Ready Candidates with the right skills, knowledge, and attitude before offering them a job. Thus, **TCS iON** presents **TCS** National Qualifier Test –a nationwide assessment that enhances the visibility of job seekers among top corporates and open doors to thousands of job opportunities from across the industry at PAN India level, with TCS and **650+ Corporates**.

This unique test assesses Cognitive skills, Industry knowledge, Job specific skills and Workplace attitude for job readiness. The **NQT** score showcases skills that recruiters seek in a candidate, offer multiple test attempts, no pass or fail criteria, best score being considered, score validity for 2 years and acts as a gateway to thousands of jobs across top corporates in India and ensures better campus placements by increasing the brand value for candidates





SCHOLARSHIPS

Merit-Based Scholarship

Civil Engineering, Computer Engineering and Information Technology Engineering branches only 20% Merit-Based Scholarship for students with 90% or more score in the qualifying examination i.e. the CET.

FE Civil Engineering Scholarship

Score of more than 75 at CET: shall be awarded scholarship of 30% in fees payable by the student, between 74.99 to 70: 25%, 69.99 to 60: 20% and others 10%

COMMUNITY LIFE @UCOE

VYRO 2K22

VYRO 2K22 was conducted on 1st April 2022. This event was a grand success with four months of hard work and sheer dedication. More than 300 VYRO members put their heart and soul into the event. Ten committees were formed, and each committee had a good bonding which is one of the reasons for the event's success. Mr Chandan Jaiswal, the chairperson, and his team broke the record in Footfall, as it marked the record of 2371. The theme of the event was music.

AURORA 2022

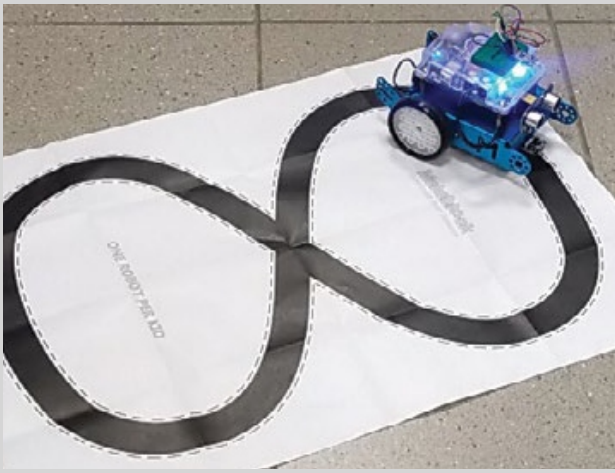
AURORA is a blend of sports and cultural events which comprises the departmental battle for the shield and the department which knocks off the highest point getsthe shield. The event is an amalgamation of several breath-taking activities for boys and girls.We organized many sports events such ascricket, kabaddi, kho-kho, and tug of war, which created enthusiasm. Apart from this, cultural events like cartooning, quiz, blog writing, stand-up comedy, storytelling, instrumental, mock band, debate, flashmob, solo singing, and drama added cherry to the cak

Codechef <UCOE> Chapter

CodeChef was started in 2009 as an educational initiative for the programming community by Directi, an Indian software products company.
College Chapters are programming clubs targeted specifically towards competitive programming, which are guided and mentored by CodeChef.
The idea behind forming College Chapters is to create a strong culture of competitive programming across all colleges and schools in India

e-Yantra

e-Yantra lab, associated with IIT Bombay was established on 28th July 2016 in UCoE.
e-Yantra Lab Setup Initiative (eLSI) is a college-level program under which colleges are encouraged to set up robotics labs. It is designed as a scalable and sustainable approach that addresses infrastructure creation and teacher/student training –to create an eco-system at the colleges to impart effective engineering education.



Women's Development Cell

The Women's Development Cell (WDC) aims to promote awareness of gender equality and gender sensitisation in society and among students. Towards this end, the students are encouraged to undertake various research projects, participate in debates and awareness campaigns. In keeping with the goal ofwomen empowerment, the cell conducts self-defence programmes for girl students and operates a Grievance Cell for urgent and effective handling of any gender related issues.

Hackstomp

Department of Information Technology of UCoE organised the event Hackstomp under ITSA . The major goal of the hackstomp was to challenge the Engineering students all over Maharashtra with 24hrs non-stop coding competition. Every year students from various colleges participate in this event.
In 2019-20 the footfall of the event was 49 teams-194 participants.

PLACEMENTS

Overall Placements Record

ATTRIBUTES	BE 2015-2019 BATCH	BE 2016-2020 BATCH	BE 2017-2021 BATCH
Total no. of students eligible for placements	175	193	219
Unique offers	150	180	179
Average Package [LPA]	2.87	4	3.64
Max. Package [LPA]	10	12	10
Placement %	86%	93%	82%

Placements Companies

MEET OUR FACULTY

DR. J. B. PATIL
Campus Director

Ms. Hezal Lopes
Artificial Intelligence & Machine Learning Department

Ms. Vishakha Shelke
Data Engineering Department

Mr. Rajesh Dubey
Civil Engineering

Dr. Jitendra Saturwar
Computer Engineering

Dr. Yogita Mane
Information Technology

Mr. Sandeep Dubey
Electronics & Telecommunications / Electronics Department

Universal College of Engineering

We Engineer Passion

UCoE Office
Near Bhajansons & Punyadham,
Kaman Bhiwandi Road,
Vasai, Palghar-401208.

info.ucoe@universal.edu.in

Have a question about UCoE Admissions and Scholarships?

+91 8007045755

ucoe.edu.in

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