

ADMISSIONS OPEN



## PROGRAMS IN ENGINEERING & SCIENCE

B.Tech. | BCA | B.Sc. | M.Tech. | MCA | M.Sc. | Ph.D.

# About UPES

Established in 2003 through the UPES Act, 2003 of the State Legislature of Uttarakhand, UPES is a UGC-recognized university and has been accredited grade 'A' by NAAC. National Institutional Ranking Framework (NIRF), Ministry of Education, has ranked UPES 65 among colleges and institutions across India, School of Engineering at UPES is ranked 61, School of Business is ranked 41 amongst management institutions and School of Law is ranked 21 in India. The university has received 5-Stars on Employability (placements), by globally acclaimed QS Rating, with 90%+ placements over the last few years.

UPES offers industry-aligned and specialized graduate and postgraduate programs through its eight schools: School of Advanced Engineering, School of Computer Science, School of Design, School of Law, School of Business, School of Health Sciences & Technology, School of Modern Media and School of Liberal Studies.

Given its industry-oriented programs and emphasis on holistic development, UPES graduates are a preferred choice for recruiters.

UPES faculty members are an illustrious group, with over 750+ academicians from world-renowned institutions such as Oxford, Cambridge, Harvard, Stanford, UC Berkeley, Yale, MIT, Cornell, Columbia, Imperial College London, IISc, IITs, IIMs, National University of Singapore, Tokyo etc. and includes Rhodes, Fulbright, Commonwealth, Chevening, DAAD, Eiffel and Erasmus scholars. 25 UPES faculty members are on the list of top 2% researchers in the world, popularly known as Stanford list and four of the faculty members at UPES have found a place in one of the most coveted "Highly Cited Researchers" list published by Clarivate.

UPES is driven by its core philosophy and purpose of delivering outstanding student outcomes. In 2021, it was awarded the 'University of the Year-North' by ASSOCHAM and 'Institution of Happiness' award by QS I-Gauge in association with ASSOCHAM.



Ranked 65<sup>th</sup>  
University in India



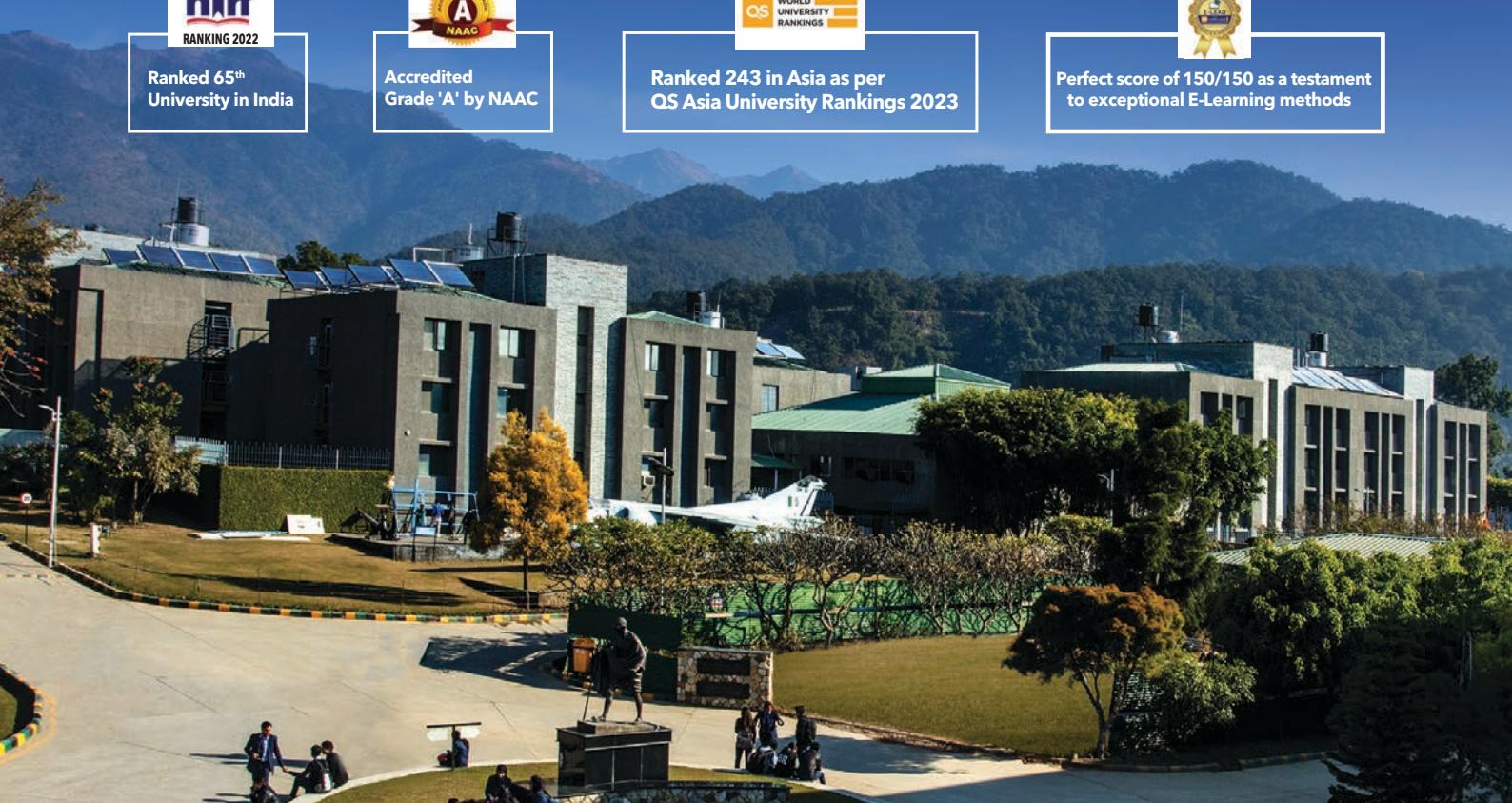
Accredited  
Grade 'A' by NAAC



Ranked 243 in Asia as per  
QS Asia University Rankings 2023



Perfect score of 150/150 as a testament  
to exceptional E-Learning methods

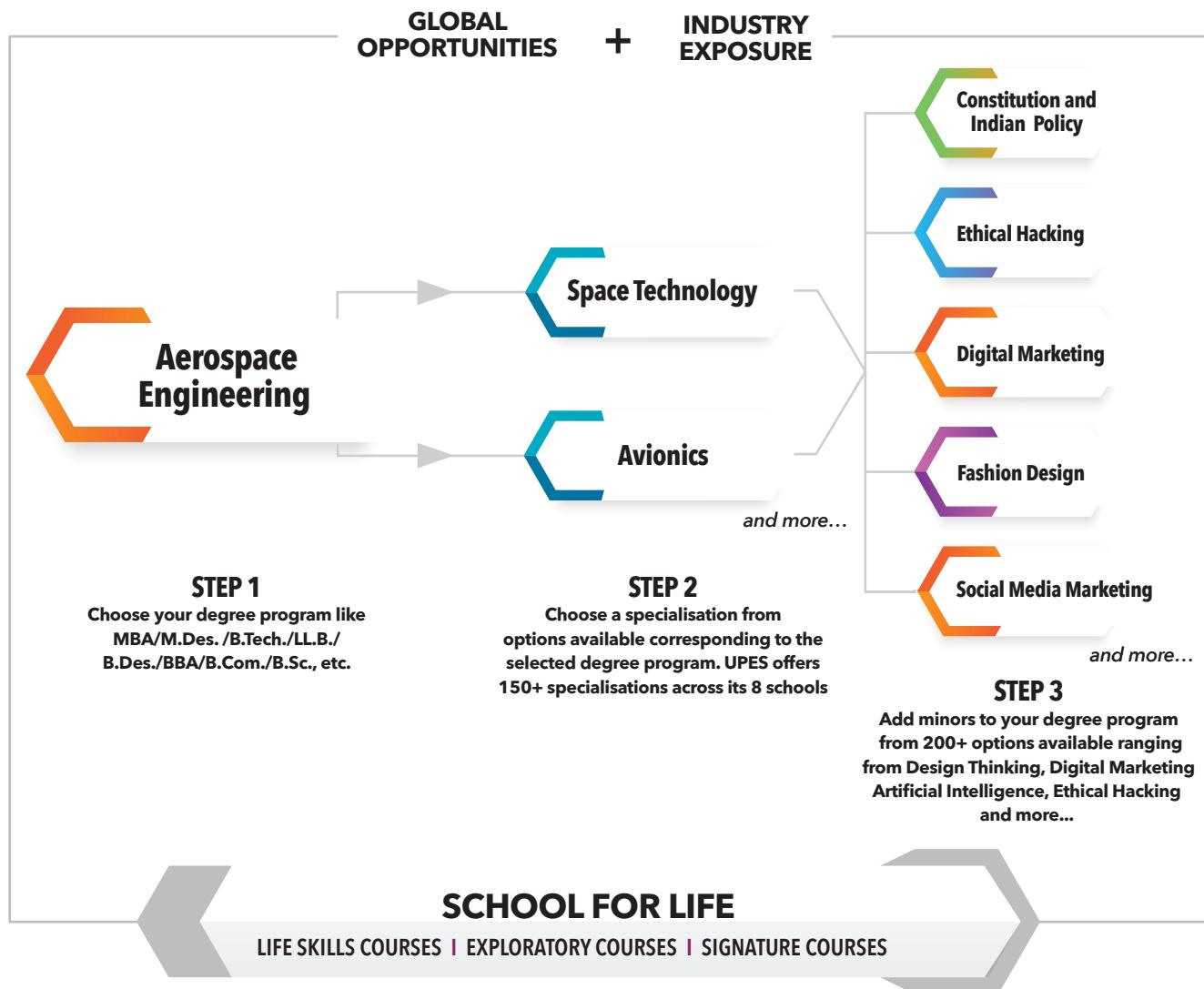


# Design Your Own Degree

UPES curriculum framework is holistic in its overall structure and yet focuses on the individual needs of the students to discover, experience, explore and challenge. Along with the core subjects, students can choose from subject-focused specialisations. They are also allowed to choose minor/exploratory subjects from other schools at UPES that are: School of Advanced Engineering, School of Computer Science, School of Law, School of Business, School of Health Sciences & Technology, School of Design, School of Modern Media and School of Liberal Studies.

The curriculum also offers Signature and Life-Skills courses through School for Life. To round off this learning experience, students are required to do mandatory internships in the social sector, government/public sector and industry.

The combinations available for students to pick and choose from are endless, ensuring both depth and width of knowledge.



# Holistic Development at UPES



School  
for Life

What is the purpose of education? Is it merely to make students employable, remove ignorance and impart knowledge? Or is it to create a better world? The seismic shifts taking place globally, necessitate action to ensure a secure and equitable future for all. Learners today are, therefore, required to be creative, collaborative and communicative. They must develop skills to solve complex problems that plague humanity, work towards equity, uplift the underserved, live healthy, happy, and productive lives. UPES School for Life (SFL)

was established with the intention to create true changemakers. Students learn to apply an in-depth understanding of attained life skills and broad-based subject competencies along with core subject qualifications to take advantage of educational and employment opportunities. This broad-based learning experience helps them evolve throughout their professional and personal lives.

The undergraduate programme at UPES offers four clearly demarcated, yet academically integrated areas, covering Core Specialisation courses, Exploratory (Interdisciplinary Electives), Signature and Life Skill courses, all of which are credited and are the basis of the degree awarded. School for Life offers the latter three selections of courses, which are structured to be read alongside the students' core academic curriculum.



## EXPLORATORY

(Interdisciplinary Electives)

give students the freedom to read a variety of courses from different schools for an all-round learning experience.



## SIGNATURE COURSES

include areas that are not specifically linked to a vocation and focus on 21st-century learner skills, empowering students to become global citizens of the future. It includes courses such as History and Constitution of India, Theory of Everything and Digital Transformation.



## 'SRIJAN' SOCIAL INTERNSHIPS

offered as part of SFL, are full-time, 8-week-long internships with social sector organisations. These internships are mandatory for all first-year students. Through these internships, the students get exposed to social sector challenges and find ways to overcome them. In the process, they build empathy and learn valuable leadership skills.



## LIFE SKILL

courses allow students to pick additional skills with a focus on enhanced employability and communication, along with management and professional skills, including critical thinking, problem-solving and creativity.

# Unmatched Global Opportunities

Credit Transfer  
Programme  
Facilitating  
Progression  
Opportunity  
to the  
**University of Queensland-Australia and University of New South Wales (UNSW)**



Student exchange opportunities at the World's Top Universities such as  
**University of Adelaide - Australia**  
**University of Essex - UK**  
**Taylor's University - Malaysia**,  
**Universiti Teknologi Petronas - Malasiya**  
**Polytech Nantes - France**  
**National University of Kaohsiung - Taiwan**  
**ECE Paris - France**  
**Memorial University of Newfoundland - Canada**  
**University of Unifacvest-Brazil**  
**ECAM - EPMI - France**

Study Masters in **Nottingham Trent University** after completing Bachelors from UPES



Study abroad opportunity at **the University of California-Berkeley**



Assistance for **International Internships/Projects**



Guidance and counselling for application to various **International Scholarship Opportunities**

# Industry in the Classroom

## Industry-alliances

- Courses co-developed and co-delivered by industry partners
- UPES has tie-ups with Microsoft, Phillips Carbon Black Ltd., HPCL, Infosys, Tata Power, Xebia and many more



and more

## Masterclasses

- UPES hosts industry interactions where experts talk about the latest developments in their respective fields. Students get an up-close and in-depth exposure of the industry, enabling the development of skillsets required for a successful career.

These classes have been moderated by stalwarts like:

- Dr. Deepak Vohra, Ambassador, Made in India
- Dr. K Sivan, Former Chairman, Indian Space Research Organization (ISRO), Govt. of India.
- Anand Kumar, Mathematician-Academician Super 30, and more

## Experts on Advisory Board

- Mr. Somraj Samin Roy, CHRO, KEC International Ltd., RPG Group
- Mr. Amaresh Singh, Head HR, GE T&D India Ltd.
- Mr. Alok Sinha, Senior Vice-President, Projects (Strategy & Planning), Reliance Industries Ltd.
- Mr. Amrit Raj, India Country Manager, Landmark Halliburton
- Mr. Jayant Kumar, Managing Director, Hilti India
- Mr. Sanjay Kumar, Director, Global Solution Engineering, Dell EMC
- Mr. Sam Varughese, Head, Infosec Strategy and Privacy, Reliance Jio and more



# Engineering Solutions for Tomorrow

## School of Advanced Engineering

School of Advanced Engineering (SoAE) aims to enhance its activities to embrace real-world engineering approaches. The focus is on equipping students with competencies for meeting the modern-day industry challenges, particularly those in the manufacturing sector.

The global manufacturing landscape is continually being reshaped by rapidly-evolving technologies. Manufacturers are adopting the latest advances in technologies to stay competitive in Indian and international markets. Future engineers, therefore, need to have the core theoretical knowledge as well as the acumen to apply it to solve practical problems. They also need to have the mindset to ensure they stay up-to-date in their core domain and remain industry relevant. Above all, they must have the intellectual acuity to hone their skills and innovate to create smart solutions for tomorrow.

School of Advanced Engineering seeks to encourage learning that reacts to the evolving needs and demands of the world; learning that uses a combination of technology; and human power to take engineering a notch higher every day.

Dr. Ram Sharma

Dean, School of Advanced Engineering

## Building a Smarter World

## School of Computer Science

Smart technology holds immeasurable benefits for the world we live in. Today, computational power has pervaded almost all aspects of human existence.

A wide range of sectors, including power, healthcare, infrastructure, consumer electronics, mobile communication, smart home devices and automobiles, among others, are using intelligent systems and technologically-advanced machines. Artificial Intelligence, Machine Learning and Big Data are increasingly being used to provide cognitive awareness to objects that were hitherto considered inanimate.

Currently, there is a huge industry demand for people who understand intelligent systems technology and know how to apply it to real-world problems.

UPES School of Computer Science prepares students to understand and integrate knowledge from various subject areas, including programming, data structures, algorithms, pattern recognition, blockchain technology, machine learning 2.0 and artificial intelligence 2.0, and apply them to address some of the most critical societal challenges of the 21st century. School of Computer Science has a progressive curriculum that emphasises diversity, interdisciplinary teamwork, entrepreneurial thinking and inventiveness. Through long-standing partnerships with some of the leading technology companies, School of Computer Science graduates from UPES are equipped to pursue advanced positions in global organisations that thrive on constant innovation and shape the future of the world.

Dr. S. Ravi Shankar

Dean, School of Computer Science

### Ranking

- Ranked 61 in Engineering, NIRF Ranking 2022
- Ranked No. 1 Private Engineering College in Uttarakhand by India Today Best Colleges Survey 2021

Credit Transfer Program Facilitating Progression Opportunity to the University of Queensland and UNSW, Australia

NBA-Accredited\* B.Tech. programs

\*Applicable on selected programs

# Programs Offered

B.Tech.- School of Advanced Engineering

CORE	SPECIALISATIONS*	MINORS* (Indicative list) (Choice based in 2 <sup>nd</sup> year)
Applied Petroleum Engineering	Energy Systems and Storage	
	Gas Engineering Informatics	
	Intelligent Petroleum Systems	
Aerospace Engineering	Space Technology	AI & ML
	Avionics	IoT
	Defence Technology	Blockchain
Chemical Engineering	Energy Systems and Storage	Data Science
	Gas Engineering Informatics	Bio-Mimetics
	Digitization of Process Technology	Sustainability Engineering
Electrical Engineering	Microelectronics	Climate Change
	5G and 6G Technology	Disaster Management
	AI and ML Applications	Reclaim Engineering
	Wearable Devices	Astronomy & Astrophysics
	Industrial Drives	Space Engineering
Mechanical Engineering	Advanced Manufacturing	Statistics & Probability
	Thermofluid Systems	Economics
	Defence Technology	
Sustainability Engineering	Circular Economy	
	Sustainability Management	
Automotive Engineering	E - Mobility	
Electronics & Computer Engineering	Microelectronics	
	5G and 6G Technology	
	AI and ML Applications	
	Wearable Devices	
	Industrial Drives	
Civil Engineering	Transportation Engineering	
	Environmental Engineering	
	Construction Management	
Fire and Safety Engineering	-	

Global Programs - 2 years in UPES + 2 years in overseas University

Chemical Engineering	Specialisation as per partner University -University of Queensland	
Electrical Engineering	Specialisation as per partner University -University of Queensland	
Mechanical Engineering	Specialisation as per partner University -University of Queensland -University of Aberdeen	
Applied Petroleum Engineering	Specialisation as per partner University -University of New South Wales -University of Aberdeen	
Civil Engineering	Specialisation as per partner University -University of Aberdeen	

\*Specialisation & minors to be opted after 1st year depending on the selected program. Credits would depend on the minor/exploratory courses chosen during the program duration.  
The program offerings are subject to approval of the UPES Academic Council and the University reserves the right to add, drop and modify programs at its discretion at any point of time without prior notice.

## B.Sc. School of Advanced Engineering

<b>CORE</b>	<b>SPECIALISATIONS*</b> (Choice based in 3 <sup>rd</sup> year)
B.Sc. (Hons.) Chemistry	Polymer Chemistry
	Industrial Chemistry
B.Sc. (Hons.) Physics	Astronomy and Astrophysics
	Computational Physics
	Material Science and Nanotechnology
B.Sc. (Hons.) Mathematics	Data Science
	Computational Mathematics
B.Sc. (Hons.) Geology	Geoinformatics
	Groundwater Exploration and Management
B.Sc. (Physics by Research) (4 year)	Astronomy and Astrophysics
	Computational Physics
	Material Science and Nanotechnology
B.Sc. (Chemistry by Research) (4 year)	Polymer Chemistry
	Industrial Chemistry
B.Sc. (Mathematics by Research) (4 year)	Data Science
	Computational Mathematics

## M.Tech. School of Advanced Engineering

<b>CORE</b>	
Construction Technology & Management	Computational Mechanics (Integrated with optional Ph.D.)
E-Mobility	Chemical Engineering (Integrated with optional Ph.D.)
Robotics Engineering	Petroleum Engineering (Integrated with optional Ph.D.)
Health, Safety and Environment	Sustainability Engineering (Integrated with optional Ph.D.)
	Renewable Energy (Integrated with optional Ph.D.)

## M.Sc. School of Advanced Engineering

<b>CORE</b>	<b>SPECIALISATIONS</b> (Choice based in 2 <sup>nd</sup> year)
M.Sc. (Chemistry) (Integrated with Optional PhD)	Organic Chemistry
	Instrumental Chemical Analysis
	Polymer Science
M.Sc. (Physics) (Integrated with Optional PhD)	Material Science and Nanotechnology
	Astronomy and Astrophysics
M.Sc. (Mathematics) (Integrated with Optional PhD)	Applied Mathematics
	Pure Mathematics
M.Sc. (Petroleum Geosciences) (Integrated with Optional PhD)	

\*Specialisation & minors to be opted after 1st year depending on the selected program. Credits would depend on the minor/exploratory courses chosen during the program duration. The program offerings are subject to approval of the UPES Academic Council and the University reserves the right to add, drop and modify programs at its discretion at any point of time without prior notice.

## B.Tech. (Hons.) - School of Computer Science

<b>CORE</b>	<b>SPECIALISATIONS**</b> (Choice based in 2 <sup>nd</sup> year)	<b>MINORS**</b> (Indicative list) (Choice based in 2 <sup>nd</sup> year)
B.Tech. (Hons.) Computer Science and Engineering	DevSecOps Bigdata Full Stack AI Artificial Intelligence and Machine Learning Blockchain Technology Data Science Cloud Computing and Virtualization Technology Computational Sustainability Cyber Security and Forensics Graphics and Gaming Internet of Things Open Source and Open Standards	Data Science Game Design Cognitive Technologies Image and Signal Processing Computing for Sustainability Internet of Everything Privacy and Security Human Computer Interface Cloud Computing
	Global Programs - 2 years in UPES + 2 years in overseas University	
Computer Science	Specialization as per partner university: - University of Queensland	

## B.Sc.

<b>CORE</b>	<b>SPECIALISATIONS*</b> (Choice based in 1 <sup>st</sup> year)	<b>MINORS*</b> (Choice based in 2 <sup>nd</sup> year)
B.Sc. (Computer Science)	Artificial Intelligence and Machine Learning  Cyber Security and Forensics  Data Analytics	Data Science Game Design Cognitive Technologies Image and Signal Processing Computing for Sustainability Internet of Everything Privacy and Security Human Computer Interface Cloud Computing

## BCA

<b>CORE</b>	<b>SPECIALISATIONS*</b> (Choice based in 2 <sup>nd</sup> year)	<b>MINORS*</b> (Choice based in 2 <sup>nd</sup> year)
Bachelor of Computer Application (BCA)	Internet of Things  Artificial Intelligence  Cyber Security	Data Science Game Design Cognitive Technologies Image and Signal Processing Computing for Sustainability Internet of Everything Privacy and Security Human Computer Interface Cloud Computing

## M.Tech.

<b>CORE</b>	<b>SPECIALISATIONS</b> (Choice based in 2 <sup>nd</sup> year)
M.Tech. (Computer Science and Engineering)	Artificial Intelligence Cyber Security and Forensics
M.Tech.	By Research

\*Specialisation & minors to be opted from 1st year depending on the selected program. Credits would depend on the minors/exploratory courses chosen during the Program duration.  
The program offerings are subject to approval of the UPES Academic Council and the University reserves the right to add, drop and modify programs at its discretion at any point of time without prior notice.

## MCA School of Computer Science

CORE	SPECIALISATIONS*
MCA	Artificial Intelligence and Machine Learning Cloud Computing and Cyber Security Data Science

## School of Health Sciences and Technology

### B.Tech.

CORE	SPECIALISATIONS*	MINORS*
B.Tech. (Food Technology)	Food Biotechnology Food Plant Engineering	School for Life - Exploratory Courses
B.Tech. (Biomedical Engineering)	Medical Devices BioMaterials Prosthetics Medical Diagnostics	Soft skills and entrepreneurship skills are developed through School for Life courses. The students get a feel of real-life business situations through case study teaching, club activities and guest lectures from industry leaders.
B.Tech. (Biotechnology)	Pharmaceutical Biotechnology Genomics and Biosimilars Plant Biotechnology Bioinformatics	

### B.Sc School of Health Sciences and Technology

CORE	SPECIALISATIONS*	MINORS*
B. Sc. (Food, Nutrition and Dietetics)	Dietetics and Holistic Wellness Nutraceutical and Nutritional Policy	School for Life - Exploratory Courses
B. Sc. (Microbiology)	Food and Environmental Microbiology Medical and Pharmaceutical Microbiology	Soft skills and entrepreneurship skills are developed through School for Life courses. The students get a feel of real-life business situations through case study teaching, club activities and guest lectures from industry leaders.
B.Sc. (Clinical Research)	Clinical Pharmacokinetics Regulatory Affairs	

### Ph.D. Programs<sup>#</sup>

School of Engineering	School of Computer Science	School of Health Sciences and Technology
Ph.D. (Physics)	Ph.D. (Computer Science and Engineering)	Ph.D. (Pharmaceutical Sciences)
Ph.D. (Chemistry)	Ph.D. (Computer Science)	Ph.D. (Food and Nutrition Sciences)
Ph.D. (Mathematics)		Ph.D. (Microbiology)
Ph.D. (Geosciences)		Ph.D. (Biotechnology)
Ph.D. (Engineering)		

### SELECTION PROCESS

**UPES-EAT** - UPES Engineering Aptitude Test (Online/Offline)  
 Non exam pathway based on boards merit / JEE / CUET

\*Specialisation & minors to be opted from 1st year depending on the selected program. Credits would depend on the minors/exploratory courses chosen during the Program duration.  
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 #For more details, visit [research.upes.ac.in](http://research.upes.ac.in), email at [phd@upes.ac.in](mailto:phd@upes.ac.in) or call 9997101439

# Scholarships

Up to 30% Merit Scholarship\* based on CUET scores/JEE/Class 12 marks  
(UG programs only)



20% Merit Scholarship\*  
for girl students (UG programs only)



Sports  
Scholarships\*



Freeships\* to  
Underprivileged  
Students

30% Fee Concession\* for Bonafide Uttarakhand Students

\*T&C apply. A student/applicant will be eligible for only one type of scholarship/concession in a given academic semester or year. If student is awarded a particular scholarship/concession but also meets the criteria for one or more than one scholarship/concession at UPES including Domicile (as mandated by regulation), student shall receive the highest of the scholarship/concession offered but not both. Further, for clarity purposes, Domicile or any other scholarship/concession not opted shall be deemed to be waived by the student. Said student shall have no claim on Domicile or other scholarship/concession so waived against UPES. For more details ,visit [upes.ac.in](http://upes.ac.in).



# Global Pathway Programs

Credit Transfer Program Facilitating Progression Opportunity in **Australia & UK**

Start your program journey with UPES (2 year) and complete at Partner University abroad

## **University of Queensland, Australia**



## **University of New South Wales Sydney, Australia**

## **University of Aberdeen, Scotland, UK**



Up to 60%  
Cost Savings



Global Degree from  
Partner University



Post Study  
Work Permit

# Academic Excellence

## Faculty From Renowned Global Institutions

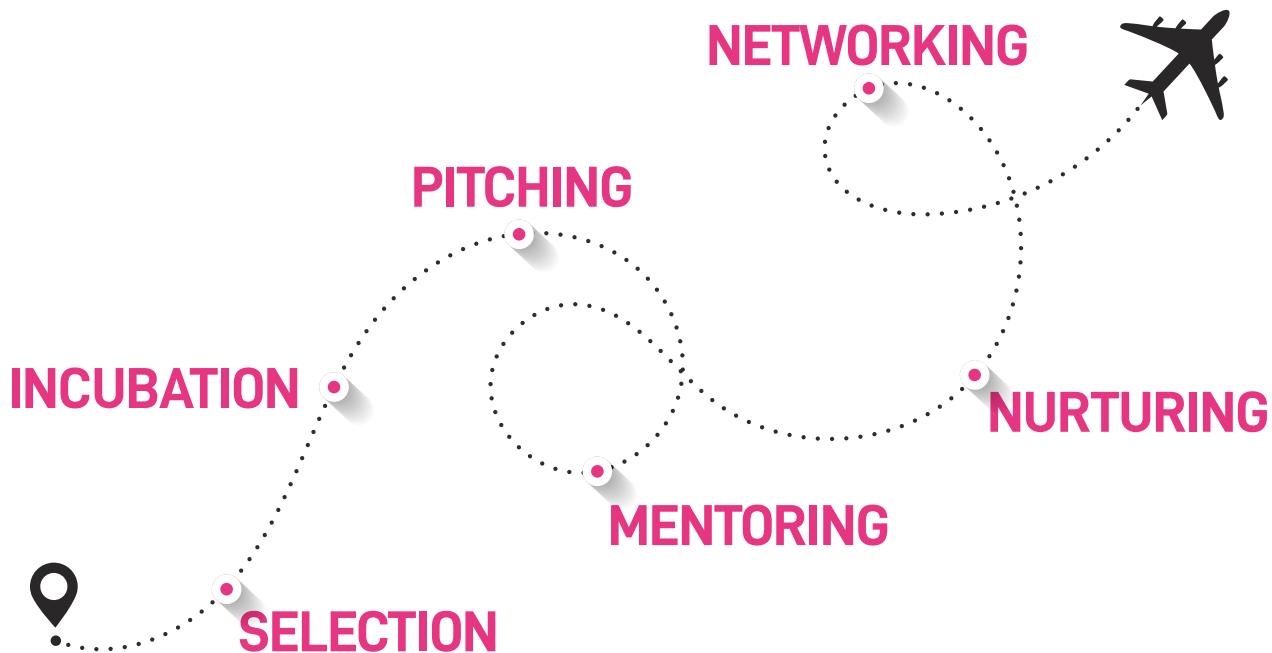


## Leading Scholars as faculty



25

FACULTY MEMBERS AMONG WORLD'S TOP  
2% AND 1% RESEARCHERS AS PER STANFORD  
AND CLARIVATE LISTS RESPECTIVELY



We help start-ups convert their ideas into real and viable businesses.

Our goal is to help brilliant innovators get through the early stages of setting up a start-up and reach a point where they have made a product/service impressive enough to raise money. This will be done through a mix of mentorship, grants and investments, legal and incorporation support, and allocation of space to work.

## OUR FIRST COHORT

About  
**300**  
**Applications**  
Received

About  
**120**  
**Start-Ups**  
Incubated

**1 Lakh**  
Grant given to  
37 Start-ups

# Recruiters

MICROSOFT	CROMA
DECATHLON SPORTS INDIA	BECHTEL INDIA
ACCENTURE	BERGER PAINTS
ADANI POWER	ADANI AIRPORTS
TORRENT GAS/TORRENT POWER	GENPACT ANALYTICS
DELHIVERY	BLUEDART
EVALUESERVE	HFDC LTD.
THINK GAS	INATECH
PHONEPE	WIPRO
PROTIVITI KNOWLEDGE AND INNOVATION CENTER (PKIC)	TRANSWORLD GROUP
BANGALORE INTERNATIONAL AIRPORT LIMITED	INDIA INFRASTRUCTURE
HILTI INDIA PVT. LTD.	AMAZON
GLOBAL DATA	LTI - L&T INFOTECH
IFOS AVIATION	IEX
IHS MARKIT	KPMG
INFOSYS LIMITED	MARKETS AND MARKETS
DELOITTE	JSW STEEL LTD.
NESTLE	ITC LTD.
PXIL	SPICEJET
RELIANCE INDUSTRIES LIMITED	TCIL
TCS	INDIAN OIL ADANI GAS PVT. LTD.

**Highest  
CTC  
50 LPA\***

**100%  
Placement<sup>#</sup>  
2021 -2022**

**Lifetime  
Placement  
Assistance  
for Alumni**

**Top 10%  
Avg CTC  
18 LPA**

\*In School of Computer Science.

<sup>#</sup>Placement statistics refer to the number of students who have opted for and are eligible for placements.



# Success Stories



## Featured for Excellence

Shubham Srivastava, alumnus, got featured by Freshworks Inc. Headquarters, California at NASDAQ, Times Square, New York. Shubham is one of the global employees to get featured for his contribution to the company's growth because of his excellent performance at the domain and organization level.



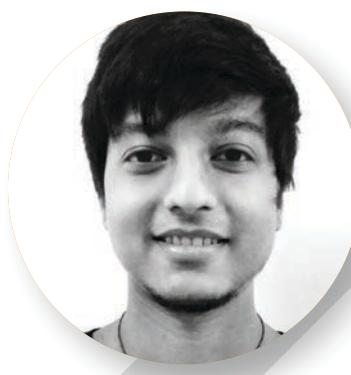
## Developed Sanitizing Machine Prototype

B.Tech. student Udayveer Mittal developed compact, contactless, battery-operated, sanitizing machine prototype under the guidance of the UPES faculty.



## Runner-up @ GitHub

Nishkarsh Raj, B.Tech. (CSE DevOps) student, was ranked No.2 in India at GitHub. His dedication and perseverance made him one of the most active GitHubbers in India in terms of overall contribution, as stated by Commits.top.



## Developed an e-learning web-app

Abheesht Singh, B.Tech. CSE (IT Infrastructure), developed an e-learning SaaS platform 'CavenX' for students and institutions. Designed to facilitate online learning, it is equipped with a centralized dashboard and a fully responsive interface that can accommodate 1,000 students at a time.

# Faculty Feats



## Featured in the list of the top 2% researchers in the world released by Stanford University

Dr. Manish Kumar's research focuses on ascertaining, broadening, comprehending, and developing various dimensions of the fate, transport, and remediation of geogenic, micro, microbial, and emerging contaminants in freshwater systems. He has led and worked on relevant projects for today's climate and water contexts such as a pilot scale in-situ application for arsenic and fluoride removal from the groundwater for a safe drinking water production perspective alongside the WIN Foundation, in the US.



## Honoured with Himalayan Nari Shakti Samman

Dr. Neelu J. Ahuja has been conferred with the Nari Shakti Award (March-2020) by Govt. of Uttarakhand and the IGEN-Women Achievers award (March- 2021) by the Institute of Green Engineers for research contributions. Specific mention is successfully executed R&D project focused AI-based tutoring tools for children suffering from learning disabilities, funded by DST, GoI.



## Automated Monitored Hand Hygiene System

Dr. Ashish Karn engineered an Automated Monitored Hand Hygiene System. The four-pronged structure is built to provide hand sanitization to four persons at a time while ensuring adequate distancing.



## Sanirobo - Designed by UPES Faculty for Contactless Sanitization

Ms. Shubhi Sharma, faculty at the UPES School of Computer Science and Neel Advani, student, B.Tech. CS, together developed a self-powered 'Sanirobo', which uses a high-end microcontroller, accompanied by a camera. which can be controlled from any part of the world.

# Student Projects



## **Sanirobo - Designed for the Greater Good**

The self-powered, camera-featured model titled 'Sanitizing Apparatus and Method for Dispensing Sanitizer Solution', automatically sanitizes small pockets and densely-populated areas, protecting frontline workers.



## **Sorting Machine**

This invention, which has applications in food processing, won its maker the Best Rural Innovator Award bestowed by the National Institute of Rural Development (NIRD), India.



## **Automated Monitored Hand Hygiene System**

The four-pronged hand hygiene system is built to provide hand sanitization to four persons at a time while ensuring adequate distancing amongst them.



## **Quad Bike - All-Terrain Vehicle**

Students developed this light utility vehicle with a 250 cc engine and a 12-inch ground clearance. It travels on low-pressure tyres and has handlebars for steering control.



## **Solar Tree and Electric Bicycle**

With a commitment to creating green energy sources, a team of researchers at UPES developed a self-powering Solar Tree and a model bicycle with an electric motor.



## **The COVID-19 Visualizer**

UPES students of Graphics and Gaming built a great tool that can visualise COVID-19 data using Augmented Reality. The tool creates a live feed using real-time data from around the world and visualizes them in an interactive way.

# Life @UPES

- Life at UPES is about creating unforgettable memories. It is about young learners **discovering themselves through activities** that enrich their understanding of the world.
- There are twenty student chapters – such as the **Cloud Security Alliance, the Society of Law and Literature, IEEE Branch and Moot Court Association - and several clubs** including National Service Scheme, Vultus and Sanskriti.
- Events such as **Uurja**, the annual youth festival, and '**Wow Wednesday**', a mid-week activity for showcasing talent, bring together students from across all the schools on one stage.



Enhance your well-being through sports



Become your most creative self



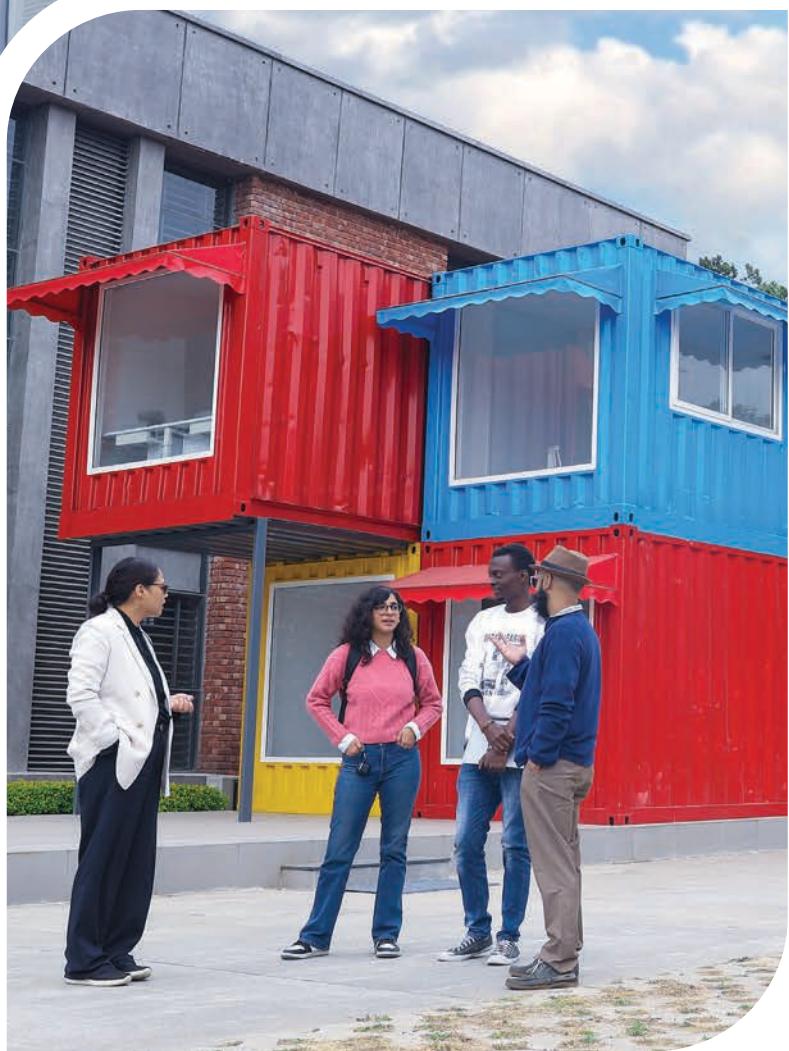
Accomplish fitness goals together



Create rhythms from the soul



Explore learning without limits



# The Allure of Dehradun



Just a few kilometres away from the bustling yet charming city life of Dehradun, UPES campus is close to trekking trails, rock climbing and picnic spots, monasteries, water bodies, rafting and the popular hill station of Mussoorie. The mighty Himalayas and thick pine forests surround this pristine campus.

Life at UPES is nothing short of a getaway that helps liberate our students from the mundane monotones and pollution hazards of a city life.

**A home away from home. A bright and fresh start. A rewarding second life.**



The foodie culture



Travellers' haven



Camp your nights away



Leisure times

**International students write to us at: [international.admissions@upes.ac.in](mailto:international.admissions@upes.ac.in)**

**1800 102 8737 (10 am to 7pm) | [enrollments@upes.ac.in](mailto:enrollments@upes.ac.in) |  
Energy Acres: Bhidoli via Prem Nagar, Dehradun-248 007 (Uttarakhand), India**