

# CREATING A BETTER TOMORROW





**16**  
**YEARS**  
OF PURPOSEFUL  
EDUCATION

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**Our singular goal** is to enable students to achieve their individual purpose in life, through the guiding light of knowledge.

Students are empowered to pursue their dreams and **PASSIONS** in a meaningful and responsible manner.

Students are encouraged to foster professional development through imagination, **INNOVATION**, specialised knowledge and critical-thinking.

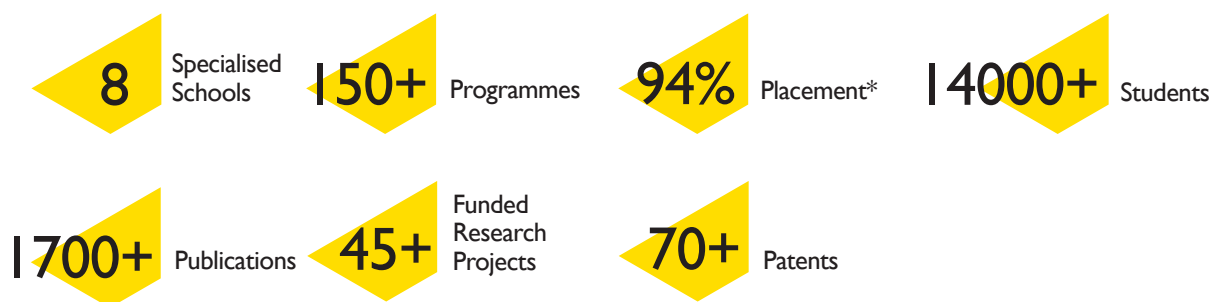
Students are **ENTRUSTED** to become active participants in transforming the society, to **RESPECT** and **INCLUSIVELY** contribute in a pluralistic world.

Thus, enabling them to choose life-pathways that fulfil their individual purpose emphatically.

## UPES – UNIVERSITY WITH A PURPOSE

UPES is a UGC recognised, multi-disciplinary university, with a sprawling 44-acre campus in the safe and scenic environs of Dehradun. It offers unique and specialised undergraduate and postgraduate programmes. At UPES, students are offered world-class academic infrastructure, multimedia-enabled classrooms, modern research labs, large expanse of sports fields all around the campus, food courts, hostels and other facilities for curricular and extracurricular activities. With industry-alignment and emphasis on holistic development, UPES graduates have been the preferred choice for employers, reflected in its superior track record of over 90% placements year on year. Thus, the university develops and hones future leaders for diverse high-growth sectors, both in India and overseas.

### THE USP @ UPES



### ACCREDITATIONS

- UGC recognised
- NIRF Ranked
- Accreditation by National Board of Accreditation (NBA) for Automotive Design Engineering programme and Chemical Engineering (Specialisation: Refining and Petrochemicals) programme
- UPES Centre for Innovation and Entrepreneurship (UCIE) recognised as an incubator by Government of Uttarakhand.
- First Indian university to be awarded QS 5-star rating for employability and infrastructure; QS 4-star rating for teaching and learning
- MBA (Oil & Gas) and MBA (Logistics and Supply Chain Management) accredited by IACBE
- Member of Association of Indian Universities (AIU)
- Recognised by Department of Scientific and Industrial Research
- Approved by Bar Council of India and Pharmacy Council of India
- Certified under ISO 14001: 2015, ISO 9001: 2008, ISO 14001: 2004 and OHSAS 18001: 2007
- R&D Centre recognised by DSIR
- Knowledge partner of Niti Aayog in the energy sector

# THE UPES EDGE

## ◀ **LEARNING +**

- AI and ML experience
- Design Thinking powered by IBM
- Free access to 3800 + global courses on Coursera

## ◀ **INDUSTRY-ALLIANCES**

- Courses co-developed and co-delivered by IBM, Xebia, Cisco, Tata Power, L&T, and many more

## ◀ **GLOBAL EXPOSURE**

- Free 4-week study abroad programme
- 50% scholarship for PG programmes in academic partner institutes in UK, Europe, USA, and Canada

## ◀ **ALUMNI ADVANTAGE**

- Placement support for up to 5 years after graduation
- Incubation, funding, and workspace support
- Upskilling and career guidance
- Special scholarships for PG programmes in academic partner institutes

# A FEW OF OUR RECOGNITIONS

Over the years, UPES has received many awards and accolades, including:

- Leading University for International Student Experience at the UniAgents Annual Summit 2019
- 'Excellence in Open & Distance Education' award at the World Education Summit 2019
- 'Best Academic-Industry Interface' award by DNA (a leading Indian media house) in 2018
- 'Best Industry-Academia Interface' award at the 12th World Education Summit by Digital Learning & Elets Technomedia Pvt. Ltd. in 2018
- 'Best University for Placements and Employability' award by Times Now - National Education Excellence Awards 2018
- 'Great Place to Study' award as per the Great Indian Institutes 2018 list by Forbes India
- Ranked amongst the world's top 30 universities for Oil, Gas and Petroleum engineering by CEO World Magazine (USA) in 2017
- International Accreditation Council for Business Education (IACBE) accredited MBA programmes (2017)
- 'Best Training Institute' award for the Port and Shipping Management programme at International SHIPTEK conference held in Dubai in 2016
- Five stars for employability and campus facilities and four stars for teaching methodologies by globally-acclaimed QS Ratings in 2016
- 'University with Best Industry Academic Partnership' by India Today TV-Higher Education Excellence Awards
- 'India's Best University for Innovation and Value based Education' by the Corporate Council for Leadership & Awareness (CCLA)





L I F E  
@ U P E S



At UPES, students will discover that there are several facets to the campus, beyond projects, classes and examinations. Because we give equal importance to life outside the classroom. Thus, making sure students have ample opportunities to unwind. We have a host of extracurricular activities, ranging from concerts to sports, that keeps the fun quotient high. And it doesn't end here. Our university cultural festival – Uurja – is one of the most talked about events of the year.





# INDUSTRY CONNECT

Partnerships with leading organisations provide a unique model of collaboration between industry and UPES as follows:

- Co-Design: Jointly identify methods to enhance the existing curriculum
- Co-Develop: Develop and design new modules to be incorporated into the curriculum
- Co-Deliver: Modules delivered by subject matter experts from partner industries
- Co-Certify: Co-branded certificate awarded on successful completion of the programme



## A FEW OF OUR ALLIANCES

### INDUSTRY ALLIANCES



UPES joined hands with Xebia in 2016 to launch two new co-branded programmes in DevOps and Big Data verticals.



The UPES collaboration with industry giant Larsen & Toubro is in the area of Civil Engineering and principally impacts B.Tech. Civil Engineering with specialisation in Infrastructure Development.



UPES and BSE have together identified two compulsory modules in the area of Finance & Accounting and Corporate Finance which have been incorporated in the curriculum of MBA programmes offered by UPES.



UPES is the first university in the world to partner with IBM to co-brand 13 super specialised programmes delivered through the joint establishment of the Centre of Information Technology. Currently, IBM-UPES is the largest partnership of this nature, with over 2,000 enrolled students.



UPES has entered into a collaboration with Essar Oil to co-design and co-deliver its programmes in B.Tech. – Applied Petroleum Engineering and MBA – Oil and Gas. Essar Oil will also extend help in students' placements and internships and joint research and development.



The students of B.Tech. Mechanical Engineering, B.Tech. Electrical Engineering, and MBA Power Management get to benefit from the experts in the power sector.



Infosys has collaborated with UPES to contemporise B.Tech. Geo Informatics Engineering programme by introducing industry modules and best practices in the field.



Grasim Industries Limited (Pulp and Fibre Business, Aditya Birla Group) has introduced Cellulosic Material research programmes. Grasim R&D provides opportunity for UPES students to intern at their state-of-the-art research facilities. Technical experts and scientists from Grasim R&D provide support for curriculum design for the programmes.

### SYNERGY INSTITUTE OF MEDICAL SCIENCES



UPES School of Health Sciences collaborated with Synergy Institute of Medical Sciences to give experiential training at the Synergy School of Medical Sciences campus. The tie-up also entails an orientation programme to familiarise the students with the policies and procedures of the hospital. Additionally, there will be guest faculty lectures by medical practitioners of the Synergy Institute of Medical Sciences.

### ACADEMIC ALLIANCE



With the constant evolution of legal education, it is necessary to keep abreast of the changes and broaden our horizons. It has led to UPES collaborating with The University of Law, UK. This tie-up gives UPES students and faculty access to the best practices adopted by The University of Law.

## CAREER SERVICES

The university boasts of a robust and successful career services programme. Our partnerships with industries ensure that our students have adequate exposure and get naturally and rapidly absorbed into professional roles on completion of their studies. At UPES, we focus on developing a world-class pool of young and talented professionals ready to hit the ground running in their respective fields. Our learning environment and practical hands-on approach helps students forge ahead on their chosen career paths with a positive attitude, the right skill sets and practical know-how. Because we impart relevant and 'real world' education and 'on the job' exposure, the industry-readiness of our students becomes one of our key differentiators. It is also the reason why a stupendous 94% of our students receive offers from national and international organisations of repute.

## SOME OF OUR PROMINENT RECRUITERS

Airbus

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Mahindra Aerospace

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EY

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FedEx

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Hindustan Coca Cola

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KPIT

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Nestlé

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PwC

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HDFC Bank

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Sriram General Insurance

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General Motors

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Cummins India Ltd.

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L & T

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LG Electronics

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Panasonic

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Sony India

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Haier

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Accenture

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Boston Analytics

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Capgemini

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Dell India

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Fiserv

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Flipkart

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HCL

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Adobe

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Commvault

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Persistent

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Amazon

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IBM

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Infosys

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Microsoft

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ITC

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SAP Labs

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Sapient Consulting

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Sify Technologies

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TCS

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Unisys

Wipro

PCBL

Rockwell Collins

Adani Group

Aditya Birla

Grasim Industries

Dr.Reddy's

Novartis

SKF

CRISIL

Grant Thornton

Mott MacDonald

Exxon Mobil

Samsung

Lakshmikumaran & Sridharan  
Attorneys

Amarchand Mangaldas

Jurisperitus Law

Khaitan & Co.

Merritz Law Firm

Parsoon Law Associates

Royal Enfield

Wadia Ghandy

Warsi Associates

Bajaj Auto

Blue Star

Caterpillar

Delphi

Escorts

Hindustan Motors

Maruti Suzuki

Honda Cars

Ashok Leyland

Hi-Tech Robotics

Honda

Hyundai Motors

JBM

Jindal Steel

JK Tyres

Mahindra & Mahindra

Denso

Thyssenkrupp

Cairn

Schlumberger

Deloitte

Genpact

Halliburton

Honeywell

Linde

Pidilite

Reliance

Shell

Siemens

Vedanta

Weatherford Drilling

WorleyParsons

DB Schenker

DHL

Future Supply Chain

GVK

Indigo

Spicejet

Maersk

NYK

Toyota Kirloskar Motor

Transocean

Zensar





# OFFERINGS

## SCHOOLS

- School of Engineering
- School of Computer Science
- School of Design
- School of Business
- School of Law
- School of Health Sciences
- School of Modern Media
- School of Smart Agriculture

## DOCTORAL PROGRAMMES

- School of Engineering
- School of Computer Science
- School of Business
- School of Law
- School of Design

## CORPORATE ENGAGEMENTS

- Corporate Learning and Development Solutions
- Abhigyat
- Patents, Research, and Development



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**T H E F U T U R E I S H E R E !**



# SCHOOL OF ENGINEERING

## **ENGINEER A BRIGHT FUTURE**

By applying the principles of mathematics and science, engineers find solutions to the world's biggest technical issues. UPES School of Engineering, is at the forefront of delivering education that makes sure students are job-ready as soon as they graduate.

Backed by sound knowledge, integrity, cutting-edge research and innovation, they are ready to make a mark. Students are guided by sector-centric knowledge, along with theories pertinent to the future of core industries. Our infrastructure comprises learning tools for domain-specific engineering studies and an exhaustive e-library with digitised resources. Students also get access to global alliances, industry, and alumni network which prepares them for nation-building.

CANSAT 2017



WINNER OF  
THE SAFETY IMPACT  
FILM 2019



## SOME OF OUR STELLAR ENGINEERING ACHIEVEMENTS

### UPES STUDENTS WIN GLOBAL AEROSPACE COMPETITION, CANSAT

UPES Team Astral, comprising engineering and design students, secured first rank globally at CanSat 2017, organised by AAS and AIAA.

### UPES STUDENTS CREATE SOCIAL IMPACT WITH HUNGER AND FOOD WASTAGE SOLUTIONS

Ms. Nishi Khetwal, Mr. Basant Singh Bhaskar and Mr. Udayveer Mittal won the '5th Students Project Exhibition on Engineering Design – SPEED 2018-19' organised by GD Goenka University.

### ACCOLADES AT DRONATHON @ DRONANAGARI - INDIA DRONE FESTIVAL 2018-19

A. Manoj Kumar won the award for the 'Best Project – Maximum Take-Off Weight in the 'Dronathon @ Dronanagari - India Drone Festival'


### STUDENTS SELECTED BY INTERNATIONAL UNIVERSITIES FOR FULLY-FUNDED PHD AND MS PROGRAMME

UPES students got selected for a fully-funded PhD & MS at Georgia Institute of Technology, Atlanta, Georgia USA, and University of Groningen, Netherlands, respectively.

### WINNER OF THE SAFETY IMPACT FILM 2019

Lakshya Gupta and Jaldeep Giniya designed a Sleep Detector Device which uses the camera to detect signs of drowsiness in the eyes and facial features of the driver, helping prevent major road accidents.





# SCHOOL OF COMPUTER SCIENCE

## **CODE YOUR WAY TO SUCCESS**

Right from being a games developer to an IT and communications services manager, there are a range of career opportunities that a computer science graduate can explore these days. UPES School of Computer Science equips students with all the requisite skills for a successful career in computer science, aligned with industry requirements. The infrastructure comprises advanced computing centre with round-the-clock wi-fi connectivity and an environment conducive to learning.

Tie-ups with industry leaders like IBM and Xebia enable students to access cutting-edge technology and tools. Supplementing all this is a multi-disciplinary and industry-oriented approach to learning. Academic initiatives, creative learning and innovation play a big role at the UPES School of Computer Science. A passion for lifelong learning and innovation through practical and industry-level exposure becomes second nature to students by the time they graduate.

NULLCON  
INTERNATIONAL  
SECURITY  
CONFERENCE, GOA



GOOGLE  
CROWDSOURCE  
INFLUENCER



## **SOME OF OUR OUTSTANDING COMPUTER SCIENCE ACHIEVEMENTS**

### **UPES STUDENT REPRESENTS SCHOOL OF COMPUTER SCIENCE AT GNOME ASIA SUMMIT 2019**

Gaurav Agarwal was invited to the GNOME Asia Summit 2019 organised at Muhammadiyah Gresik University, Gresik, East Java, Indonesia.

### **2<sup>ND</sup> RUNNER UP AT NULLCON INTERNATIONAL SECURITY CONFERENCE, GOA**

UPES team competed with multiple teams and bagged the 2<sup>ND</sup> Runner Up award at Nullcon International Security Conference in 2019.

### **B.TECH. STUDENTS WIN 1<sup>ST</sup> PRIZE IN NATIONAL APP. DEVELOPMENT COMPETITION**

Engineering students, Raj Kumar Das, Pushpendra Tomar, Aditya Bhardwaj, and Vidushi Aggarwal won the prestigious competition.

### **GOOGLE CROWDSOURCE INFLUENCER**

Ujjawal Gupta, a final year UPES student, conducted an interactive session on crowdsourcing application in a gamified way.

### **BIG WIN AT IBM MASTER THE MAINFRAME, 2018**

Abhinav Prakash was ranked number one in Asia Pacific Region at IBM Master the Mainframe, world's largest student developer contest for mainframes.



# SCHOOL OF DESIGN

## **DESIGN YOUR GOALS WITH CREATIVE THINKING**

The employment opportunities in the field of design are rising and the future will see a high demand for designers who possess the skills required for innovative execution and are well-versed with modern design tools and concepts.

A creative learning ecosystem, that spans global technologies and tools, is the prime focus at the UPES School of Design. Digital transformation, design thinking, branding and creative strategies are the various components that enrich the curriculum. The faculty takes special care in nurturing young, feisty and creative talent, guiding them and directing them to their true potential in creating innovative designs. Designs and solutions that are not just part of their own creative psyche, but those that add value to the society as well. The infrastructure comprises high-end computer workstations, vacuum-forming machines, and spray-painting booths, among other creative learning aids.

INDIA DESIGN  
CHALLENGE



STUDENTS  
DESIGN CLAY  
MODEL OF  
LAMBORGHINI  
URUS



## SOME OF OUR AMAZING DESIGN ACHIEVEMENTS

### AUTODESK FUSION CERTIFICATION

18 students of design courses have successfully accomplished the Autodesk Fusion 360 certification to become certified users.

### STUDENTS CONFERRED WITH AWARDS

Swetashree Pendalya and Zeeshan Ali won the 1<sup>ST</sup> prize in the India Design Challenge, Autodesk 2018, and 2<sup>ND</sup> Prize in Electric Island Project Challenge-Island EV Challenge by Local Motors in 2018.

### STUDENTS DESIGN CLAY MODEL OF LAMBORGHINI URUS

UPES design students learned the basics and application of industrial clay to prepare scale model vehicles. They designed a 1:2 scale model of the Lamborghini Urus.

### M.DES. STUDENT SELECTED AMONG THE FINALISTS IN DESIGN CONTEST HELD IN CHINA

Vignesh Vasukuttan was one of the top 20 finalists of the International Train Design Contest held in China.

### AMONG TOP 25 IN INDIA DESIGN CHALLENGE

2 Teams from M. Des. Transportation Design course were selected among Top 25 in the India Design Challenge organised by Maruti Suzuki in collaboration with Autodesk.

# SCHOOL OF BUSINESS

## **STRATEGIZE TO SUCCEED**

Organisations today require managers who possess pragmatic decision-making abilities and skills to comprehend and analyse large amounts of information and develop sound business strategies. At UPES School of Business, students are groomed to excel in highly-competitive business sectors such as the tech and finance, amongst others. They are trained to become strong team players and eventually global managers who are well-versed with business concepts.

UPES School of Business collaborates extensively with industry experts to implement the most up-to-date curriculum and provides an ecosystem that promotes entrepreneurial development and best practices in the industry. The School of Business infrastructure comprises modern instructional facilities, exhaustive online resources and much more to create a modern learning environment.

INTERNATIONAL  
CONFERENCE  
ON BUSINESS,  
INTERNET, AND  
SOCIAL MEDIA 2017



SPEAKER AT  
INTERNATIONAL  
CONFERENCE



## **SOME OF OUR PHENOMENAL BUSINESS ACHIEVEMENTS**

### **UPES STUDENT ATTENDS 7<sup>TH</sup> INTERNATIONAL CONFERENCE ON SUSTAINABLE DEVELOPMENT, 2019**

Dibyajyoti Dash represented UPES at the 7<sup>TH</sup> International Conference on Sustainable Development, 2019, organised by Columbia University, New York.

### **BEST PRESENTATION AWARD AT FEDERATION OF INDIAN PETROLEUM INDUSTRIES 9<sup>TH</sup> ANNUAL CONVENTION 2019**

Students Kunal Newalkar and Ankit Verma won the Best Presentation award for 'How Digitalization can help in Improving Efficiency, Safety & Environment Protection in Oil & Gas Sector' at FIPI Annual Convention 2019.

### **MENTOR OF CHANGE NITI AAYOG FOR 2019-20**

Mr. Akhil Damodaran has been selected as the Mentor of Change NITI Aayog in the government of India's flagship programme Atal Tinkering Labs.



# SCHOOL OF LAW

## SET YOUR BAR HIGH

As companies become more global, the need for continuous legal consultation becomes a pressing necessity. This, in turn, fuels the need for legal professionals who understand the law as well as the allied domains. UPES School of Law prepares students for rewarding careers with its exceptional pedagogy, carefully-crafted curriculum and unique instructional methods modelled after global trends in law education. It is fully equipped with state-of-the-art infrastructure and an in-house moot court for experiential learning.

Students find an academically-stimulating environment and a collaborative learning ecosystem that sharpens their understanding of legal institutions and helps them emerge as first-rate lawyers.



TILA  
INTERNATIONAL  
ENERGY LAW  
MOOT COURT  
COMPETITION



INTERNATIONAL  
MEDIATION  
COMPETITION  
SINGAPORE

## **SOME OF OUR EXCEPTIONAL LAW ACHIEVEMENTS**

### **A FEST TO BUILD CONNECTIONS**

Students from across the country thronged our campus for Vidhiotsav Autumn Edition organised by the School of Law.

### **UPES STUDENT BAGS 1<sup>ST</sup> RANK AT 'NATIONAL CYBER DISEASE 2019' COMPETITION**

Keshav Kumar (B.Tech. + LL.B.) won 1<sup>ST</sup> Prize at India's 2<sup>ND</sup> Largest National Ethical Hacking Competition 'National Cyber Disease 2019' by Radiance, IIT Bombay, in collaboration with i3india Technologies.

### **GOLD MEDAL AT INTERNATIONAL MEDIATION COMPETITION SINGAPORE (IMSG)**

UPES student Sahil Bhatia won a gold at the international moot organised in Singapore by the National University of Singapore. The competition focused on mediation advocacy and mediation.

### **RANKED NUMBER ONE AT TILA INTERNATIONAL ENERGY LAW MOOT COURT COMPETITION, 2018**

Five students from the School of Law emerged as winners at the TILA International Energy Law Moot Court Competition, 2018, organised by Banasthali University, Rajasthan.

### **BEST TEAM AWARD IN ALTERNATE DISPUTE REDRESSAL COMPETITION**

Team of five members from UPES School of Law won the Best Team award at 2<sup>ND</sup> Amity National Alternative Dispute Redressal Tournament, 2018.



**A VISION  
TO PREPARE  
SPECIALISTS  
FROM  
OUR NEW  
SCHOOLS.**



# SCHOOL OF HEALTH SCIENCES

## **GIVE YOUR CAREER THE VITAL DOSE**

Health Sciences are of primary importance in the overall wellness ecosystem. Every year there is an influx of new methods, new technologies, new medicines and new treatments in the system. UPES School of Health Sciences nurtures a culture of research and education through experiential learning that prepares students for tomorrow.

Besides classroom teaching, students are given clinical and community exposure. Students are also given access to the latest technology and updates in their chosen field through discussions and seminars. UPES is committed to developing professionals and healthcare experts who will be active change makers and solution providers for the healthcare sector.

# SCHOOL OF MODERN MEDIA

## SCRIPT A WINNING STORY

The media landscape is ever evolving and it is estimated that the media industry would require an employable workforce of 1.5 lakh per year for the next five years, with majority of the career opportunities emerging in the digital media and analytics space. Promoting the teaching and learning of media literacy to students is today more important than ever before due to the deluge of information on various media platforms. The internet generation needs to be taught to separate fact from fiction and verify content sources in this dynamic environment.

UPES School of Media prides itself on the state-of-the-art labs, industry-aligned curriculum and employment-relevant training in new media, thus equipping students with all the requisite skills to stay ahead of the curve.





# SCHOOL OF SMART AGRICULTURE

## **CULTIVATE IDEAS, HARVEST DREAMS**

The transition from traditional to modern agriculture requires scientists and innovators. A new India needs smart agricultural solutions for its growing population. At the UPES School of Smart Agriculture, we are systematically redefining how agriculture is taught and learned.

Our students are mentored in state-of-the-art technologies, ranging from Internet of Things to Big Data, AI Sensors to Unmanned Aerial Vehicles and GPS Robotics. Technological advancements such as these prepare our students to face the unseen future and be ready for game-changing innovations and precise, resource-efficient approaches.

With expertise and infrastructure aided by School of Engineering and School of Computer Science, we prepare students who are future-ready.

# PROGRAMMES OFFERED

## ◀ SCHOOL OF ENGINEERING

### B. Tech.

- Applied Petroleum Engineering (Upstream)
- Applied Petroleum Engineering (Gas Stream)
- Geo Informatics Engineering
- Aerospace Engineering (Avionics)
- Aerospace Engineering
- Fire & Safety Engineering
- Chemical Engineering (Refining & Petrochemicals)
- Mechanical Engineering
- Automotive Design Engineering
- Mechatronics Engineering
- Electronics & Communication Engineering
- Civil Engineering
- Electrical Engineering
- Metallurgical & Material Engineering

### B. Sc. (Hons.)

- Chemistry
- Mathematics
- Physics
- Geology

### M. Tech.

- Petroleum Engineering
- Chemical Engineering (Process Design)
- Pipeline Engineering
- Rotating Equipment
- Computational Fluid Dynamics
- Automation & Robotics Engineering
- Structural Engineering
- Health Safety & Environmental Engineering (Disaster Management)
- Health Safety & Environmental Engineering
- Energy Systems
- Renewable Energy Engineering

### M. Sc.

- Chemistry
- Mathematics
- Physics
- Petroleum Geosciences
- Geo Informatics

## ◀ SCHOOL OF COMPUTER SCIENCE

### B. Tech. Computer Science & Engineering (Hons.)

- Blockchain Technology

In academic collaboration with 

- AI & Machine Learning
- Cloud Computing & Virtualization Technology
- Open Source & Open Standards
- Mainframe Technology
- Oil & Gas Informatics
- E - Commerce
- IT Infrastructure

In academic collaboration with 

- DevOps

### BCA (In academic collaboration with Oracle)

- Internet of Things

### M. Tech.

- M.Tech. Computer Science & Engineering

- Computational Sustainability

- Business Analytics and Optimization
- Banking, Financial Services & Insurance
- Cyber Security & Forensics
- Graphics & Gaming
- Internet of Things and Smart Cities
- Mobile Application Development

- Big Data

- Banking, Financial Services and Insurance

- M.Tech. by Research

## ◀ SCHOOL OF DESIGN

### B. Des.

- Industrial and Product Design
- Transportation and Mobility Design
- Game Design
- Animation and VFX
- Graphics and Communication Design
- User Experience and Interaction Design
- Interior and Retail Spaces
- Fashion Design

### M. Des.

- Product Design
- Transportation and Mobility Design
- User Experience and Interaction Design
- Fashion Design

## ◀ SCHOOL OF BUSINESS

### BBA

- Oil & Gas Marketing
- Logistics Management
- Auto Marketing
- Aviation Management
- Digital Marketing
- Financial Analysis & Services
- Foreign Trade
- Tourism & Hospitality Management
- Analytics and Big Data
- Family Business and Entrepreneurship
- BBA with specialisation in Human Resource/  
Marketing/Operations

### BA

- Public Policy and Administration
- Energy Economics (Hons.)
- Economics (Hons.)

### B. Com. (Hons.)

- B.Com
- Banking, Insurance and Management
- Taxation

### MBA

- Oil & Gas Management
- Logistics & Supply Chain Management
- Power Management
- Aviation Management
- International Business
- Business Analytics (in academic collaboration with IBM)
- Family Business and Entrepreneurship
- Agri-Business Management
- Banking Financial Services & Insurance
- Digital Business
- Energy Trading
- MBA with specialisation in Human Resource/  
Marketing/Finance/Operations

### MA

- Economics (Energy Economics)
- Economics

### B. Sc.

- Actuarial Sciences

## ◀ SCHOOL OF LAW

### LL. B. (Integrated 5 years programme)

- Energy Law
- Labor Law
- Corporate Law
- Banking, Finance & Insurance Law
- Media & Entertainment Law
- Intellectual Property Rights
- Medical and Forensic Law

- Criminal Law
- Constitution Law
- International Trade & Investment Law
- Taxation Law
- Legal Compliance and Secretarial Practice
- Food, Health & Environment Law
- Cyber Law

## **LL. M. (1 year programme)**

- Energy Law
- Law and Technology

- International Economic Law
- Business Law

## **SCHOOL OF HEALTH SCIENCES**

- B. Pharmacy
- B. Physiotherapy

### **B. Sc.**

- Food, Nutrition and Dietetics
- Microbiology

### **M. Sc.**

- Clinical Research
- Nutrition and Dietetics

### **BBA**

- Hospital and Healthcare Management

- D. Pharmacy
- B. Optometry

- Clinical Research

- Microbiology
- Pharmaceutical Chemistry

### **MBA**

- Healthcare Management

## **SCHOOL OF MODERN MEDIA**

### **BA**

- Journalism and Mass Communication
- Digital and Mass Media
- Advertising and Digital Marketing

### **BBA**

- Events, PR and Corporate Communications

### **MA**

- Journalism and Mass Communication
- Digital and Mass Media
- Advertising and Digital Marketing
- Photography

### **MBA**

- Events, PR and Corporate Communications
- Media and Entertainment

## **SCHOOL OF SMART AGRICULTURE**

- B. Sc. (Hons.) Agriculture
- M. Sc. Ag. (Agronomy)
- B.Tech. Food Technology





# DOCTORAL PROGRAMMES

UPES has taken a leadership position in offering doctoral programmes in various domains of study. Currently, a student base of over 600 scholars is pursuing doctoral programmes, with degrees being awarded to 148 scholars.

These doctoral programmes have been designed keeping the global research requirements in mind and are supported by the learning management systems, residencies, supervisor interaction, etc.

## DISTANCE LEARNING MBA PROGRAMMES FOR WORKING PROFESSIONALS

### Domains-

- Aviation
- Logistics and Supply Chain
- Oil and Gas
- Power
- International Business
- Infrastructure

## PGP / DIPLOMA / CERTIFICATE PROGRAMMES

### Designed specifically for-

- Oil and Gas
- Logistics and Supply Chain
- Data Science
- Happiness Blueprint
- Power
- HSE
- Business Analytics
- Healthcare Management
- Aviation
- Renewable Energy

## COMPETENCY ENHANCEMENT PROGRAMMES

Enjoy the highly interactive design of our programmes created to ensure maximum learning through a unique blend of online lectures, on site sessions, group discussions and challenging business simulation workshops.

## CONSULTING

### Our consulting portfolio includes –

- Strategy Consulting
- Process/Operation Consulting
- Project Planning And Implementation
- Energy Audit

## HOW DO WE PARTNER WITH CORPORATES?

We function as your partner in growth with various levels of engagement

### ENGAGEMENT MODEL

- Corporate Sponsorship Model
- Employee Self-sponsorship Model
- Jointly Certified programme

### DELIVERY MODEL

- Dedicated Corporate Batch
- Multi-location Delivery Through Technology
- For Smaller Batch Size Nomination To Open Batch

## WHY PARTNER WITH US?

A unique university that specialises in domain focussed programme

### WE UNDERSTAND YOUR INDUSTRY

- The only university imparting training for your industry domain for last 15 years
- Deep research and insights to understand critical skills to succeed

### MEASURABLE OUTCOMES

- Demonstrable improvement in holistic understanding of industry
- Specific skill building
- Impact on both functional and soft skills



# ABHIGYAT – INDUSTRY IMMERSION PROGRAMME

UPES sets the bar high and distinguishes itself from other universities by encouraging faculty members to take up industry internships and immerse themselves in their domain. They are further supported to stay at the cutting-edge of their respective fields by keeping abreast with the latest trends and best practices in the industry.

This experience translates into:

- Enriched classroom teachings
- Joint research opportunities
- Case studies as learning tools for students
- Research papers
- Management development programme
- Student internships
- Guest lectures by faculty to industry and vice-versa
- Industrial tours for students
- The faculty runs consultancies that provide opportunities for students to work on real-life industry projects.





# PATENTS, RESEARCH AND DEVELOPMENT

UPES conducts research and development in diverse areas, spanning all schools to cover the full spectrum, from fundamental and theoretical studies to research and practice-based studies in the energy sector. Each area is supported with cross-cutting functions, including industry partnerships, knowledge and technology transfer, analysis, and programme integration.

UPES has formed 11 virtual centres/institutes of research. These centres/institutes represent our view of the integrated solutions to most pressing energy challenges for the society.

1. Centre for Computational Research
2. Centre for Alternate Energy Research
3. Centre for Energy Economics Research

In a span of five years, UPES has acquired 70+ patents for its research in varied domains of Electronics, Biodiesel, Monitoring Systems, and so on.



UNIVERSITY WITH A PURPOSE

## UNIVERSITY OF PETROLEUM & ENERGY STUDIES DEHRADUN

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