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1.4.2 Does your university as a body provide financial assistance to the local community assisting the start-up of sustainable businesses?

Runway Incubator

https://upes-production-cvb3e7frghdda0a4.z01.azurefd.net/drupal-data/2023-09/school-of-health-sciences-and-technology-2023.pdf

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 the 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.

Runway Start-up Incubator

https://twitter.com/UPESDehradun/status/1643209838317690881

With 120 start-ups pre-incubated & 37 receiving grants from #UPES, Runway - our start-up incubator helps ventures with an intensive program.

We support your ideas so you can say to the world, 'I am an innovator. I am Tomorrow'.

Visit: https://runwayincubator.com

Runway Incubator

https://www.runwayincubator.com/about

We work with start-ups on their ideas and help them transition into strong, scalable, and successful businesses

Our goal is to help brilliant innovators get through the early stages of setting a start-up and reach the 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 team comprises entrepreneurs, investors and mentors and SMEs (subject matter experts) who are experts at building solutions that people want.

Start your start-up journey

Runway is not a traditional classroom; it is an intense, mentor-driven incubation program designed for those who are keen to build their businesses. Throughout the program, start-ups will refine ideas and business models, develop prototypes, and identify key customers and investors.

Since its inception, Runway has worked with several start-ups from different sectors. They have gone on to create compelling products and made a difference to society.

At Runway, we help your start-up take-off

Runway is an incubation initiative by the UPES Council for Innovation and Entrepreneurship (UCIE). UCIE has been established under the aegis of UPES and the Hydrocarbons Education & Research Society (HERS). It has been recognised by the Government of Uttarakhand as a business incubator and state nodal agency to encourage entrepreneurship and help incubate organisations in the state.

About

UPES Council for Innovation and Entrepreneurship (UCIE) has been incorporated as Section 8 company under the Companies Act 2013. It has been recognised by the Government of Uttarakhand as a business incubator and state nodal agency to encourage entrepreneurship and help incubate organisations in Uttarakhand with mentoring, providing flexible space and access to a network of resources, and other business services designed to accelerate their success, create jobs and revenue for the region.

UCIE is a member of the University Business Incubator (UBI) Global, an international platform, which connects corporations and governments with innovative thinkers and doers globally. This collaboration provides UCIE with a unique opportunity to understand, explore and visualize the state and impact of India's incubation ecosystem in a more efficient manner.

Runway Team

We have the expertise to help you build a great company. Check out the senior leadership on the team below.

Mentor

We have the expertise to help you build a great company. Check out the senior leadership on the team below.

Startup Journey Support

https://twitter.com/UPESDehradun/status/1625099083194028032

Are you an aspiring entrepreneur with a great idea but don't know where to start? UPES #RunwayIncubator is here to support your startup journey.

#DoYourThing

Last date for applications - 15th Feb 2023

https://runwayincubator.com

UPES faculty member develops mobile robot with combat support applications

https://blog.upes.ac.in/upes-faculty-develops-mobile-robot-with-combat-support-applications/

PRADEEP JAGWAN · JANUARY 23, 2021

Dr. Abhishek Sharma, research scientist from the School of Engineering, has created mobile robots that can detect and trace the target or victim's location and position to prevent casualties in war and other terrorist attacks

Technological innovations impact all aspects of our world – from agriculture to transportation to how we communicate with each other. As an educational institution, UPES has always focused on providing an environment that encourages innovation.

The latest in the long line-up of innovations at UPES are mobile robots created by Dr. Abhishek Sharma, a Research Scientist from the School of Engineering. **He received a funding of INR 1 lakh from UPES for the project.**

Abhishek was part of the rescue operation by mobile robots in disaster-prone areas using swarm intelligence techniques. He started working on the project while he was pursuing his Master's in Israel. The loss of human lives in the Mumbai terror attack and Uri made Abhishek work relentlessly on the robots and other prototypes that had defence applications.

Search and rescue operations were performed by the aerial and mobile robots. They used swarm intelligence optimisation techniques for correlation and communication between each other and the user mainframe. Aerial and mobile robots used thermal imaging cameras and sensors to detect and trace the target or victim's location and position and update the mainframe. These robots use path planning and path detection techniques to reach the victim and perform the rescue operation.

The total weight of the robot without any extra load of ammunition is one-and-a-half kilogram. The speed of the robot is ten-meter per second. Carbon fibre was the material used and for quick movement of the robot, the wheels were placed in an omni direction without any directional movements. The maximum time that the robot would take to identify the target would be 30 minutes. Also, the robot can be used in the beaten tracks or on multi-terrain floors.

When asked about this invention, Abhishek says, "I wanted to join the Indian Army and gave entrance examinations for the same. But destiny had other plans for me. Unable to join the Indian Army, I wanted to do something for the nation. Therefore, I decided to make technical prototypes beneficial for the defence sector."

Further adding to the intention behind this project, Abhishek said, "Indian Army had to depend on Israel for equipment and robots which were extremely expensive. I learnt a lot while I was in Israel working on many drone prototypes and mobile robots. Thereafter, I decided to make robots for my own country that can prevent the casualties in war and other terrorist attacks. It would be great if the Indian Army and scientists from Defence Research and Development Organisation (DRDO) could implement this."

Dr. Abhishek Sharma was recently bestowed with the Emerging Scientist Award 2021 for Engineering Science and Medicine. Adding to the list of his achievements, Abhishek has also published a book on Applied Soft Computing and Embedded System Application in Solar Energy (Mathematical Engineering, Manufacturing and Management Science).

Says he, "Young researchers should be determined and consistent, set high goals for themselves, never lose hope and get involved in a lot of research. They can also seek help from open-source platforms such as Robotics Worldwide."

"I would like to further develop similar robots with unique capacities such as aerial robots and marine robots to work in extreme circumstances in order to prevent disasters," he signs off.

Career coaching start-up founder raises INR 20 lakh

https://blog.upes.ac.in/career-coaching-start-up-founder-raises-inr-20-lakh/

EKTA KASHYAP · MAY 6, 2022

Pooja Khanna, Assistant Professor, UPES School of Liberal Studies

Pooja Khanna, Assistant Professor at UPES School of Liberal Studies, has raised INR 20 lakh through Runway incubator for her start-up 'Find Your True North'. A Natural Language Programming-based career coaching system, it provides recommendations to people at different levels of their career paths – students, early/mid-career professionals, and even those about to retire

How often does one feel lost or stuck in life? Many people experience the paradox of choice when they get overwhelmed by the barrage of information available; other times, they have nowhere to look and no one to guide them while making a crucial decision, especially about their career. And one misstep can lead to a loss of invaluable time and resources.

This is where 'Find Your True North' (FYTN) helps people find their calling. Created by UPES faculty Pooja Khanna, the start-up is a Natural Language Programming (NLP)-based career construction, development and mentoring system. Recently, it received a funding of INR 20 lakh as seed investment through the Runway incubator.

Pooja, Assistant Professor at UPES School of Liberal Studies, has been working in the education sector for the past 15 years. She saw students struggling and being traumatised because their career choices and preparation did not align with their values, interests and personalities (VIP). "It led to internal and external conflicts, disengaged behaviour with family and society, substance abuse and suicides," she says.

Deeply saddened by this scenario, Pooja wondered if she could do anything. "I wanted to help, and it propelled me into research. I realised that the problem was that we, as university professors, are limited in capacity to support because we meet the students after they have already made a career decision. And going back on these decisions is not only difficult, but also expensive," she explains.

Through FYTN, Pooja wants to support the youth in finding meaningful work, which aligns with their VIP for a fulfilled life. "The emotional trauma of what I want to do, what I can do, and what I could do is hampering, even paralyzing. Self-awareness and finding your direction at a young age can support immensely in creating a personal development plan. FYTN helps people find the best fit for them," says Pooja, adding that "adaptability and resilience are key for survival in this dynamic world and FYTN makes navigating change possible, if not easy," she says.

The proprietary career coaching platform uses a dynamic, non-linear process to help people create their identity through articulating their life stories with the help of a coach. It provides appropriate recommendations based on the complete analysis of an individual's values, interests and

personality, along with their industrial experience(s) and educational background rather than giving standard recommendations based on superficial analysis. The system can add value to people at different levels of their career paths – students, early or mid-career professionals, and even those about to retire. "FYTN becomes your GPS on the journey of your professional life," Pooja says.

Pooja, in her own words, is the perfect example of a lost soul. She says, "Being a first-generation college-goer, I had no one to guide me. I studied STEM in higher secondary as my father wanted me to be a doctor. I was lost in the classroom of 90 girls, and nobody rescued me from monster mathematics. I shifted to humanities despite my father's disapproval. For post-graduation, I cleared the entrance test for Master of Mass Communication (MMC) at Panjab University, but my father refused to send me to a hostel in a city that far."

She adds, "I did my MBA in 2000 and got married in the same year. That year, I got my first professional shock, and my career halted before it took off. I went back to college in 2004 to learn to be a teacher. I managed my responsibilities as a mother along with my aspirations for a career. I kept on working and learning side-by-side. Experimenting and reflecting on the way, I stumbled upon my purpose."

Pooja realised that more than a teacher, she was a motivator and a creative problem solver. "It led me to life skill training and coaching. It has been 10 years now in this field. My own struggle to create my career and my Ph.D. research on career construction led to the birth of FYTN," she recounts.

"I realised that a nudge at the right time, empathetic listening and guidance can help individuals navigate this cultural programming of 'Life is a race' funda. My endeavour intends to raise self-awareness for listening to the inner voice in this deluge of external noises," Pooja says.

Given the abundance of career coaching platforms in the market, how will FYTN differentiate itself from the competition? "Most of the career coaching platforms or companies focus on K-12 students helping them to choose subjects for higher education and study abroad. FYTN is a career construction platform, which has solutions not only for K-12 students but also for undergraduates and post-graduates, helping them align their passion and purpose to the right domain, industry, job profile as well right location," Pooja says.

FYTN makes pivoting easier for early and mid-career professionals also. "Gradually, we will extend our services to professionals planning careers post-retirement as the average lifespan has increased owing to better healthcare and medical innovation," she adds.

FYTN provides multiple solutions to all, depending on which stage of their career they are. Its machine learning-based aggregator supports the identification of available opportunities along with the challenges presented by the environment. The transition training courses help to acquire the right career resources.

For increasing the reach of her start-up to a wider audience, Pooja is leveraging technology. "We intend to offer our services pan India through our team as well as collaborations. We envision ourselves offering support to people 'everywhere, anytime' soon. The globe will not be far behind," she says.

Pooja intends to offer FYTN services to individuals, schools, colleges, universities, corporates, NGOs and government bodies. "50% of the Indian population is below the age of 25 years. These figures show how India is a land of youngsters waiting to be up-skilled and explored. The 'India Skills' report states that only 45.6% of youth graduating out of colleges in India are employable. I see a major

reason behind this gap is learning what others asked us to. Out of the 250+ available career options in India, our kids are aware of only a handful. There is immense scope to make parents and youth aware of the various opportunities available," she says.

Currently, FYTN is at the ideation stage; the Minimum Viable Product is being built and will soon be out for testing. Pooja reveals that the initial research and patenting process of FYTN were bootstrapped. The funding of INR 20 lakh will, thus, give a major push to the start-up. She says, "I am grateful for the support I received from UPES and Runway, especially Runway's Chief Executive Officer Rahul Nainwal. He has been pivotal in my entrepreneurial journey as it was he who asked me to take my coaching practice to a larger audience. The funding support is a big boost as it enables us to speed up. It will help us build our team and market the platform."

Training and Preparation
https://www.upes.ac.in/placements

UPES believes in imparting skills that are high in demand and extremely important for a successful career. These soft skills will set you apart from the rest.

EDGE, a platform for limitless possibilities, is an acronym for Enhanced Development Growth and Enrichment program. EDGE supports students in their chosen field with a focus on key action areas, such as Entrepreneurship, Exam Pathways, and Employability. This exposes students to a wide array of activities that help them prepare for various competitive exams and excel professionally. Some added benefits of this program are focusing on enhanced reading, comprehending and analytical writing capability, developing critical reasoning analysis, and understanding analogies and their implementation. These skills help students transform into a specialised workforce with a more focused, holistic thought process and entrepreneurship skills. EDGE helps students stand out in a crowd.

Placement Process
Through insightful workshops, seminars and training programs, EDGE prepares students to face professional challenges; it nurtures students with comprehensive training. Additionally, EDGE gives students aptitude and comprehensive training, access to T.I.M.E center on campus, pre-post training assessment, pre-internship training, life skills training, graduate career guidance, thinking skills,

communication workshops, resume workshops, LinkedIn profile workshops, personal branding and pitching workshop, tech talks, mock interviews, employability boot camp, industry mentoring by alumni, counselling for competitive exams, E-cell for aspiring entrepreneurs and soft skills training.

Incredible, but true! 700+ UPES students receive more than one job offer despite economic gloom

https://blog.upes.ac.in/incredible-but-true-700-upes-students-receive-more-than-one-job-offer-despite-economic-gloom/

Disproving the job market trends, UPES witnessed a strong placement season with students receiving multiple offers from reputed companies such as Wipro, TCS, Indian Oil, Dell and Accenture, to name a few

As the pandemic continues to disrupt the world, several sectors, especially education, have been severely affected. In their quest to provide uninterrupted learning, higher educational institutions have been facing two of the biggest challenges – online classes and placement drives on campus. Despite many hurdles, however, UPES witnessed a strong placement season by giving much-needed support to its students. As a result, UPES students received multiple offers from reputed companies through the campus placement drive.

A premier institution of learning, UPES always equips its students with the ability to address real-world problems and social challenges through immersive industry engagement and participation. The university is determined to enhance employability skills by providing graduates with industry exposure, a practical hands-on approach, and relevant knowledge which enhances their overall employability. From holding masterclasses to conducting online tests and interviews, UPES did not leave any stone unturned to ensure that their students have a job.

Constant and regular intervention in terms of training is crucial for an enhanced learning experience leading to better career opportunities. Therefore, UPES' Career Services Department focuses on creating well-rounded graduates who are prepared for the globalized world.

According to Manish Madan, Director, Career Services and Corporate Relations, UPES, "[700+ students received more than one offer](#). In the current scenario, it is important to inculcate the right skills in students. Upskilling is crucial in the industry. At UPES, we impart skills that are high in demand and are fundamental for a career in the corporate world. This has also helped them to shine bright and grab multiple offers during the placement season."

Noormansha Narula from UPES School of Design says, "Placement season at UPES started in September. I was the first one from my batch to get placed in Dell Technologies. I also got an offer from Accenture. It was difficult for me to choose, but I decided to join Dell Technologies as an Analyst, Product Design. The faculty at UPES are subject matter experts and are friendly and helpful. The placement cell conducts training programs and mock interviews and brings the best companies on campus so that we can land our dream jobs. We were given practical knowledge about the present-day job market, and how to face different scenarios in the interview process. The placement team always supported us and encouraged us even when we failed."

A student of UPES School of Law, Manyata Singhal recalls that the placement training sessions involved resume writing, group discussions, and mock interviews. "The placement cell helped me to lift myself to new heights I never thought I would achieve. I want to express my gratitude to the Career Services Department for helping me improve at every step. Joining UPES was one of the first independent decisions of my life, and I am proud to say that it was also one of the best. I got successfully placed in not just one but two reputed organisations – Legasis Services Private Limited and Effectual Services. Management skills, working under pressure, confidence to face challenges, sincerity, and hard work helped me achieve multiple offers."

Shobhit Kumar from UPES School of Engineering and the Lead Student Placement Representative says, "With the support from my teachers, parents, and the Career Services Team, I was able to secure four offers from top-notch companies such as Wipro, Tata Consultancy Services (TCS), Cognizant Technology Solutions, and Indian Oil. The placement team had prepared us well for aptitude sessions, group discussions, and interviews. The pre-placement talk, seminars, and workshops helped me achieve my aim, which was to start my career with an MNC. The message I want to convey to my juniors is that there will be times when you will feel demotivated but believe in yourself and be confident."

A thrilled Daksh Bana from UPES School of Computer Science says, "I am thankful to UPES for providing me with a platform where I was able to hone my skills, develop my personality, and emerge out with flying colours. The university has been supportive throughout my journey. Ajay Rawat, Assistant Professor at UPES School of Computer Science, and Aditya Singh, Career Services Department always guided and motivated me. The placement department conducted aptitude tests, group discussions and mock personal interviews to prepare us for the final day. I thank the placement team and all my teachers who helped me get a job in four reputed companies: Cognizant Technology Solutions, TCS, Simplilearn, and Pegasystems."

UPES placements buck the trend; rack up 2500+ offers from 480+ companies

https://blog.upes.ac.in/upes-placements-buck-the-trend-rack-up-2500-offers-from-480-companies/

Despite the pandemic, undergraduate and postgraduate students from School of Engineering, School of Computer Science, School of Business, School of Design, and School of Law received 2500+ offers from 480+ companies

Campus hiring is an important platform for students to get noticed in the job market and is a valuable addition to their professional experience. Students who possess relevant skills, and have industry exposure to some extent through internships, have better prospects of landing their dream job, in comparison to those who have had little or no exposure. Merely having a degree is certainly not good enough, the right skills are a must have in today's day and age.

UPES has been focussing on developing a world-class pool of young and talented professionals with relevant 'real world' education and 'on the job' exposure. The industry-readiness of UPES students has been one of the key differentiators for the recruiters.

The university's robust Career Services department ensures that the students have adequate industry exposure and get naturally and rapidly absorbed into professional roles on completion of their degrees.

Manish Madaan, Director, Career Services and Corporate Relations, UPES, says, "In March 2020 when the first nationwide lockdown was imposed, we were in the middle of our placement season for the graduates. The biggest setback was for our final year students as they were the first to experience virtual recruitment process and it was a new way of placements for us as well. We learnt a lot and our learnings helped us in preparing for this placement season. We geared ourselves up with video resumes, elevator pitches and improved our virtual presence. So, at a time when people are losing jobs, salaries are being cut and offers are being revoked, UPES has managed to offer multiple jobs to deserving and meritorious students. Credit for this goes to our faculty, who committed themselves to online teaching, and our students, who, despite all the challenges, ensured that they gave their best."

This year again, for the fifth year in a row, UPES School of Computer Science has achieved 100% placements. UPES students have been placed across various Indian and global corporations, start-ups and unicorns. The highest pay package for the year 2021 is 27 LPA from UPES School of Business.

About the multi-prolonged placement drive, Manish Madan says, "The whole interview process this year is being carried out virtually with the students and corporates participating from

their respective locations. Organisations are giving assignments or taking virtual technical rounds as a part of the recruitment drives. Online assessment tests, virtual group discussions, aptitude tests, domain-specific online tests, and HR rounds are the stages involved in the recruitment process. It is important for us to train our students for all these new ways of recruitment well in advance. To ensure this, we make a series of interventions, such as holding webinars with industry experts, mock interviews to ensure that the student is comfortable during the actual placement drive, besides training them on their domain and soft skills. The university has not left any stone unturned to ensure that students have a job before they graduate."

UPES has been at the forefront of industry-oriented, future-ready, and world-class education, turning crisis into opportunity whenever the need arises. That's the reason it is the preferred choice for corporates for recruiting fresh talent. This year industry giants like Accenture, Adani Power, Amazon, Deloitte, DTDC, TCS, Cognizant, SpiceJet, Infosys, Flipkart, Wipro, Byju's and Vedantu, have already recruited students from UPES. The university not only helps students in final placements, but also ensures that the pre-final-year students have industry exposure through internships on live projects under the guidance of industry mentors in online mode.

Employability Boot Camp

UPES organises a [15-day Employability Boot Camp for its final year students](#). Through insightful workshops, seminars, and training programs, this camp prepares students to face professional challenges; to survive and grow in their job. Additionally, it gives students comprehensive training, equips them with life skills, cognitive and metacognitive skills, oral and written communication skills, competencies to build resume and social media profiles, personal branding, and mock interviews.

Alumni Connect

Owing to its commitment to support the alumni in all aspects of their professional life, UPES has been going the extra mile to ease the burden on the families of its alumni. UPES offers a 35% discount on tuition fees for all post-graduate courses. This is applicable for alumni who have completed graduation from UPES and wish to pursue post-graduate courses at UPES or any other academic partner institution.

Besides successfully meeting the targets of maximum placements over the years, [UPES has been offering special placement assistance](#) to alumni. UPES acts as a bridge between the recruiter and alumni. UPES also supports in upskilling, building portfolios, and enhancing the resume.

Additionally, UPES has launched an initiative called 'Sahyog' that aims to provide help and support to the family of alumni by creating region-wise WhatsApp groups. Currently there are 350 + alumni across 20+ cities supporting this initiative and saving lives of people in need.

UPES gets ₹ 5 crore grant for inclusive-tech business incubator

https://blog.upes.ac.in/upes-gets-%e2%82%b9-5-crore-grant-for-inclusive-tech-business-incubator/
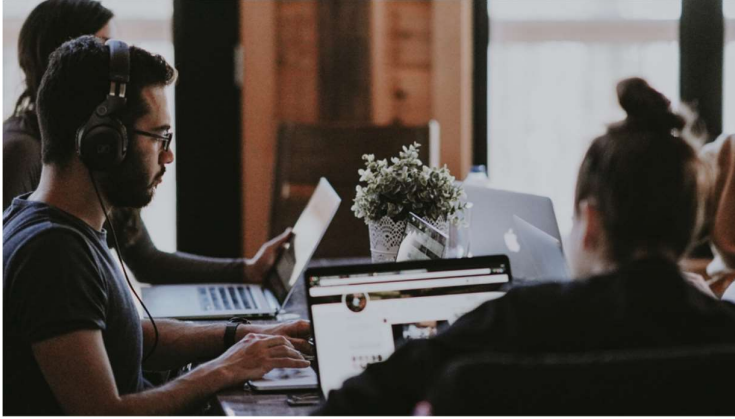
DIANA GEORGE · JUNE 17, 2022

Image courtesy: Unsplash

The i-TBI, or the inclusive-tech business incubator seeks to foster a culture of innovation and entrepreneurship in higher educational institutions by creating a thriving innovation ecosystem buoyed by mentorship and funding for creative projects

In a major milestone for UPES, the National Expert Advisory Committee of the Department of Science and Technology (DST) has recommended the inclusive-tech business incubator (i-TBI), for a funding of Rs 5 crore under the NIDHI scheme. NIDHI (National Initiative for Development and Harnessing Innovations) is an umbrella programme pioneered by the DST, Government of India, for nurturing ideas and innovations (knowledge-based and technology-driven) into successful start-ups.

Speaking about the achievement, UPES Pro-Vice Chancellor Dr Ram Sharma says, "This is the first grant for a i-TBI in Uttarakhand. We are proud that UPES has taken a lead in setting up a i-TBI in the state, since this will create a niche for the university."

Explaining how i-TBI will benefit the region, Dr Ram adds, "Uttarakhand being a hilly region has peculiar characteristics, so technology can be a big enabler here and we believe that setting up a i-TBI will help resolve many of the state's problems by providing technological solutions to the local and regional challenges."

This initiative at the university is being led by Rahul Nainwal, CEO, Runway. Runway is a start-up incubator at UPES that offers mentorship, grants and investments, legal and incorporation support, and allocation of space to work. According to Nainwal, the generous grant will help set up the tech business incubator with the potential to bring about a "massive shift in the technological entrepreneurial mindset of the entire geographical and cultural ecosystem."

"This includes various stakeholders like students, faculty members, research scholars, alumni, as well as the local people in the hills who will benefit from i-TBI, as more technology-driven solutions are incubated and implemented," he adds.

i-TBI is aimed at fostering a culture of innovation and entrepreneurship in higher educational institutions (HEI) and nearby communities of the Host Institution (HI), by establishing partnerships between academia, investors, mentors, industries, and other institutions and creating a thriving innovation ecosystem buoyed by mentorship and financial support for creative projects.

UPES i-TBI will especially focus on innovative ideas which are at the confluence of social, economic, and developmental issues and technology, and provide them with the necessary training, mentorship, and financial aid to enable them to create scalable solutions.

Start-ups in the domain of blockchain, artificial intelligence, machine learning, drones, Internet of Things (IoT), Innovative Mobility Solutions, and manufacturing, amongst others, will be identified for incubation at i-TBI.

Students will benefit from the two-pronged relevance of i-TBI – the presence of the incubator on the campus will give the students the necessary exposure to disruptive thinking and innovative technology, and additionally, motivate students to be a part of i-TBI and work on technological and business problems to find inventive solutions.

The Department of Science and Technology launched the TBI scheme with an intent to support Prime Minister Narendra Modi's vision of 'Atmanirbhar Bharat', by covering all the 5 I's – intent, inclusion, investment, infrastructure, and innovation – to create an ecosystem for the growth of tech start-ups, especially deep-tech start-ups.

i-TBI is expected to be launched by January 2023.

How UPES helped me to become a Data Privacy Analyst at Infosys

https://blog.upes.ac.in/how-upes-helped-me-to-become-a-data-privacy-analyst-at-infosys/

VAISHNAVI SHUKLA · JANUARY 6, 2021

Even during the pandemic, the faculty provided constant support to students. Periodic follow-ups with companies and regular feedback from the college helped me convert my assessment internship into full-time employment and I will be forever thankful to UPES for the opportunity

I hail from a small town in Uttar Pradesh. In 2014, I chose B.Tech Computer Science Engineering and LL.B (Hons.) with a specialisation in Cyber Law. The specialisation had its own peculiarity and advancements, focusing on the present-day needs. Continuous hard work, dedication and passion for six years and the association with cyber laws and technologies gave me some incredible insights and today, I am proud to say, I work as a Data Privacy Analyst at Infosys Ltd.

Just like other higher secondary students, I was worried about my college admissions after board examinations. I was clueless about the best universities for my course and how to proceed with my applications. It was then when I came to know about UPES Dehradun and how it is different from other engineering colleges. The university offered some in-demand specialisations which fascinated me, and I decided to sit for the entrance examination at UPES.

During counselling, cyber law grabbed my attention and I found it interesting. I never thought that I would pursue a career as a Data Privacy Analyst. Long back in 2014 many people were not even aware of data privacy. I tried my hands in different fields such as web development, hard core coding and cyber security. Finally, I developed an interest in Data Privacy. So, I decided to use my technical knowledge and implement it into a legal framework to further develop my career in the Data Privacy stream.

For me, college experience is difficult to express in words. With its sprawling 44-acre campus in the safe and scenic environs of Dehradun, UPES can make anyone fall in love with its scenic beauty and calm surroundings. I will always cherish the time I spent on campus. Going to the riverbed, celebrating birthdays in nearby picnic spots, endless chats with my friends in the hostel, playing in food courts and taking part in various student activities, fests and events made my college life memorable.

Our faculty constantly helped us in dissertations and projects. Dr. Inder Singh from the School of Computer Science guided me in the project: Quantum Cryptography. Akanksha Singh from the School of Legal Studies relentlessly helped every student of cyber law. Jatin Bhagat played an important role in developing my interest in the field of cyber security. My professors always guided me, encouraged me, and most importantly believed in me.

I joined Infosys in February and opted for self-study mode. Therefore, by the end of the semester, I had doubts about the course and curriculum. But UPES faculty arranged quick learning classes and equipped me with all the industry-relevant skillsets. Our professors helped us sail through exams, dissertations, vivas and presentations so that graduating batches could transition smoothly to the workplace. The university also made the examination process fairly easy for us.

Due to the pandemic, online exams were held. Even during these difficult times, the faculty provided constant support to students. Periodic follow-ups with companies and regular feedback from the college helped me convert my assessment internship into full-time employment and I will be forever thankful to UPES for the opportunity.

(The writer is an alumna from UPES School of Law with a specialization in Cyber Law/Intellectual Property Rights)

How a UPES alumna successfully crafted her dream career in Avionics Engineering

https://blog.upes.ac.in/how-a-upes-alumna-successfully-crafted-her-dream-career-in-avionics-engineering/

PRADEEP JAGWAN · AUGUST 14, 2020

Tanya Manchanda is currently working as an Avionics Engineer with Boeing, India. She is a celebrated employee and has been felicitated by the company for her active participation in organisational activities, people management, quality work and efforts on task completion to meet the milestones

Tanya Manchanda, a student of B.Tech. Avionics, class of 2009-13, UPES, has been successful in crafting her dream career. Currently, she is working as an Avionics Engineer with Boeing, India. Talking about her professional experience, Tanya said, "I am working on a project of Onboard Health Management System that provides other Line Replacement Units (LRUs) with a means to effectively communicate fault and airplane health information. I have been felicitated by Boeing India for my active participation in organisational activities, people management, quality work and efforts on task completion to meet the milestones."

When asked about her journey at the UPES Department of Aerospace engineering, she recalled the experience vividly. Tanya said, "It was the year 2009 when I attended the UPES counselling at Delhi and was confused about what to choose. I decided to go for the aeronautical sector as it has a wide scope. I saw the various courses in the UPES brochure. For me, Avionics was a lucrative option as one could choose to go beyond design and development. It is important to note that without pursuing Avionics, one cannot fly the aircraft, at least in the current scenario, and for the future growth of automation development."

She admitted that her journey at UPES was a rich learning experience. Reminiscing about her teachers from the Department of Aerospace and how they helped build her interest in the field, Tanya said, "I learnt many subjects of core aerospace and avionics engineering from various professors. I thank all the faculty members who taught me the concepts so well. I remember in my 6th semester in 2012, one of my teachers Dr. Sudhir Kumar Chaturvedi taught 'Introduction to Automatic Flight Control'. That was the turning point of my life. Under his guidance and mentorship, I wrote research papers, which later got accepted in the International Conference on Microwave, Antenna and Remote Sensing 2012. I learnt a lot during this tenure."

When she sat through the placement process, Tanya got selected in HCL Technologies Limited. "I along with 13 other potential candidates got selected in 2013. I joined HCL technologies the next year and worked on OAPI, a DO-178B standard project, having D-level security. The objective of the project was to develop a custom software tool in support of Flight Test Analysis, allowing more dynamic displays and manipulation of data," she added.

After four years of experience with HCL, Tanya switched to Boeing India, which was her "true calling". Today, she is a celebrated employee with the company. "Boeing India recognised me for taking ownership in FMS, Control Display Unit Verification and Validation tasks and competing on schedule. I am grateful to UPES for making me what I am today," Tanya concluded.

Women deserve every chance to be emancipated

https://blog.upes.ac.in/women-deserve-every-chance-to-be-emancipated/

RASHIKA SRIVASTAVA · MAY 1, 2020

As a businesswoman, I realise that it's important to help other women enhance their skills and be financially independent

I graduated in BBA Aviation Operation programme (2013-2016) from UPES. During this course, introduction to concepts such as management and leadership, business communication, corporate social responsibility, financial management, organisational behaviour and many more helped in my understanding of managing a business with a handful of employees. These courses also enhanced my skills of communicating, decision making and team management.

I firmly believe that theoretical knowledge is incomplete until there is a real-life application. The subjects which we were taught in the programme helped me to apply all those learnings in my life, personally as well as professionally. There were several workshops and projects, such as dissertation and community service, that taught me valuable lessons in team management and collaboration.

The faculty, seniors and career services team at UPES were extremely supportive at every step of my life. I was given a chance to be on the Ignite team as Head of Event Management Department. I was also the class representative so there were many responsibilities entrusted with by our class coordinator Mr. Shubendu Vimal.

The internship was in the summer of 2015 and mine was at RHIAL, i.e. Hyderabad International Airport, on a 12-hour shift. It was my first exposure of the aviation industry where I mastered several skills such as self-control, multitasking and people management.

The education system at UPES works like a well-oiled machine. It helped me in getting admission in one of the renowned universities in London for my Masters, post which I interned in Singapore for one year. This global exposure gave me a whole new perspective of the world around me.

Today, as Director of Rcube Healthcare Industries Pvt. Ltd., all my core competencies are put to test. Quick decision-making, proper communication and financial planning are important for the business that I run.

Being a woman business leader is still a challenge in this country as the patriarchal mindset still prevents men from taking orders from a female boss. In order to change this primitive gender stereotypes, my NGO, Rcube Foundation, is helping women to enhance their skills and be financially independent.

Workplaces should be gender neutral and both women and men should be assessed on merit and the hard work that they put in.

Women can do wonders in any field if they are given the freedom to decide their career paths. My office has more women than men and most of them undertake extensive travel and field inspection duties. Women deserve every single chance to be empowered, educated and be in control of their own destiny.

(The writer is a UPES alumni and Director, Rcube Healthcare Industries Pvt. Ltd.)

UPES alumna at the National Human Rights Commission
https://blog.upes.ac.in/upes-alumna-at-the-national-human-rights-commission/

RACHIYTA JAIN · MAY 7, 2020

A silver medallist of her batch (2012-18), Rachiyta Jain pursued her B.Tech. (Hons.) Computer Science and Engineering with LL.B. in Cyber Law from UPES. She was conferred with the 'Mahila Shiksha Suraksha' award by the Chief Minister of Uttar Pradesh in 2015, along with several other recognitions for spreading awareness about cybercrime. This is her story

'Fate is only an armour we protect ourselves with during a downfall; destiny only intends what you hustle for.'

As both computer science engineering and law were my areas of interest, I joined the B.Tech. Computer Science Cyber Law batch of UPES in 2012. The course allowed me to add to my skills in ways that I could not have imagined. In 2014, I was one of the 36 interns selected for a summer internship under the guidance of Mr. Rakshit Tandon at the Gurgaon Police Cyber Cell. That is when I learnt the ground reality of cyberspace and cybercrimes and realized the lack of awareness about the issue among the public. This further encouraged me to contribute in this field.

In December 2014, my friend sent me a message that he was starting a blog on cyber awareness and that I could edit his blogs and maybe contribute with my posts for the same. That is when we co-founded The Cyber Blog India, which went on to win several national and international accolades.

Initially, when we offered to conduct workshops for schools for free, we were turned down. However, that never stopped us. Our constant efforts paid off and we began conducting training for law enforcement officials of several states and teachers, parents and students of various schools and colleges. We were invited for a session at BITS Pilani and as guest speakers at the Annual Conference of Principals of Schools in UP and Uttarakhand, Gorakhpur Mahotsav. With time, our team grew and we involved many of our juniors with us. The blog flourished and we started India's first WhatsApp helpline for providing pro bono consultation to victims of cybercrime. We also made the helpline a medium to disseminate information.

The then Chief Minister of Uttar Pradesh conferred upon me with the 'Mahila Shiksha Suraksha Award' for my contribution. I was also appointed as the Cyber Cell Ambassador of Saharanpur for the year 2015 by SSP Mr. Nitin Tiwari. I went on to become a Consultant for the Cyber Peace Foundation and conducted training in collaboration with Google, UNICEF and numerous other

organisations. In that role, I also designed the Law Enforcement Training Manual for police on how to investigate child-related cyber offences. Presently, I am working with the National Human Rights Commission in Delhi as a Junior Legal Research Consultant.
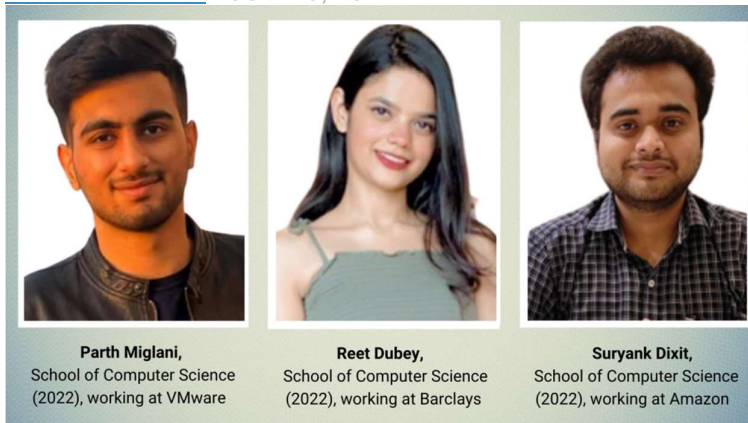
Message for the alma mater:

I am extremely thankful to UPES for offering industry-aligned courses that stand out from the ordinary. The institution provides an atmosphere for the overall development of an individual. My faculties have constantly supported me in all the ventures I undertook, both during and after college. I cannot thank the entire UPES community enough for providing me with the resources and infrastructure that helped in shaping my dreams and introducing me to the best classmates, guides and mentors. I have seen the University grow exponentially – new blocks came up, the School of Design opened, law and management shifted to the Kandoli campus and what not. It was like the two of us grew together. UPES is the home I left behind, always longing to return to. I am certain that even a decade later, the beautiful drive to the college would bring back the same nostalgia bitten smile and I will find myself silently thanking my parents for sending me to UPES.

(The author is a Junior Research Consultant at the National Human Rights Commission.)

Students placed at top companies share their workplace experiences

https://blog.upes.ac.in/students-placed-at-top-companies-share-their-workplace-experiences/

EKTA KASHYAP · JUNE 6, 2022

Parth Miglani,
School of Computer Science
(2022), working at VMware

Reet Dubey,
School of Computer Science
(2022), working at Barclays

Suryank Dixit,
School of Computer Science
(2022), working at Amazon

The job-preparedness of UPES students has helped them thrive at some of the most demanding workplaces including Amazon, Barclays, VMware in roles such as Backend Application Developer, Software Development Engineer, Analyst, and more

College is said to be a transformative journey. Students walking inside the campus for the first time may not realise at that moment that their life is going to change forever. Of all the things they experience during this journey, placement is undoubtedly among the most crucial and fulfilling processes. And so is the first-ever experience of working at a company.

UPES students have always been the foremost choice of top recruiters, given their practical learning exposure, agility, intellect, skills, a 'can do' attitude, and a zeal to keep learning. Here, UPES students placed at renowned companies take us through their learnings during the placement drive, their key responsibilities areas at their workplace, and more…

- Parth Miglani
- 2018-2022 batch
- Program: B.Tech. (Hons) Computer Science and Engineering
- Specialisation: Cloud computing and virtualisation technology
- Company placed: VMware

"In my final year, I got an on-campus Intern + Full-time offer from VMware Software India Private Limited as a Member of Technical Staff. Currently, I work as a Backend Application Developer at VMware. The role requires exceptional coding skills, which I am happy to say I learned at UPES. The university has helped me gain knowledge and exposure right from the start. The faculty has always been encouraging and helpful. With the support of my mentor, I wrote a research paper that got published in IEEE. For my academic excellence, UPES even provided me with a scholarship.

During my course curriculum, I held various positions, which helped me develop teamwork and leadership skills. The university organised personality development and aptitude sessions that helped me crack the interviews. The interviewers were highly impressed by my performance. I am thankful to UPES for the wonderful learning experience and for providing ample opportunities throughout the course. I feel fortunate to be among the top placed students at UPES."

- Reet Dubey
- 2018-2022 batch
- Program: B.Tech. (Hons) Computer Science and Engineering
- Specialisation: Open Source and Open Standards
- Company placed: Barclays

"The placement drive at UPES has always been enriching in terms of quality as well as quantity. The placement cell has always motivated and prepared us through various programs. I have gained a lot from this process, and I can proudly state that I am placed at Barclays as a Graduate Analyst. It has given a great kick start to my career."

- Suryank Dixit
- 2018-2022 batch
- Program: B.Tech. (Hons) Computer Science and Engineering
- Specialisation: Cloud computing and virtualisation technology
- Company placed: Amazon

"I have been placed in Amazon, and currently I am doing six months internship as a Software Development Engineer in the Amazon Appstore team. I have been assigned a project to create an internal job portal for Amazon named Explore.

Explore is a tool that provides end-to-end support to associates in their career development lifecycle. This tool is developed for employees to help them discover various tech and non-tech roles available within Amazon globally, skills required for those roles, and get guidance to build and grow in the desired capacity. This complete journey – starting from placement till now – has been roller-coaster. Every day is a chance to learn and explore new things."

Start-up founder credits UPES for giving her 'wings to fly'

https://blog.upes.ac.in/start-up-founder-credits-upes-for-giving-her-wings-to-fly/

DIANA GEORGE · OCTOBER 19, 2021

Shefali Goyal, UPES alumna and Co-Founder of Creative Consilio

UPES School of Design alumna Shefali Goyal talks about her success story, from being a student with dreams in her eyes to a successful product design start-up owner

Creative Consilio – a design, branding and strategy venture – was launched in 2018 by an alumna of UPES, Shefali Goyal. Shefali pursued M.Des. in Industrial Design from 2015-17. She launched her start-up after two short internships of 7 months each where she gained the necessary skills in industrial as well as digital product designing.

"Soon after my Masters, I worked with a product design start-up as an industrial design intern for 7 months," Shefali says. "That was a golden period of my career where I got the opportunity to shape my skills as an industrial product designer. I worked on multi-disciplinary projects there, majorly outdoor pollution controllers. From structuring the project research to manufacturing it in the factory, this journey made me into a professional industrial designer," she adds.

Next in the journey was a tech-company. This was again an internship for 7 months where her digital product design skills were developed. She worked with the hardware team to develop a 'Smart Water Bottle Brand' that could monitor the water intake among corporate professionals. It was a project from scratch to manufacture. A lot of research, ideation, prototype and user-testing was done to make the product a success. "This being a tech-company, I got the opportunity to be introduced to and work on digital products too," the young entrepreneur explains.

Shefali credits her time working as an intern for shaping her skill sets and giving her a vision for her future – a product design start-up that would be inspired by abstract ideas to bring her clients' requirements to life, while also adhering closely to their functional and aspirational demands.

Team of Creative Consilio (from left to right): UPES alumna Shefali Goyal, Shubham Goyal, Anu and Prashant Sharma

Creative Consilio was started with a primary focus on product and interior design. Its team of agile engineers, designers, artists and strategists excel at 'concept to creation' and 'idea to implementation', producing truly unique and engaging designs that enliven up any atmosphere.

The agency has been working with small to mid-size companies for the past three years, helping them launch new or revamped products in the market within strict budget guidelines.

"For 3 years now, I have been working for small to mid-size companies which are keen to launch a new or improved product, but are struggling with execution and budgets. From my years of experience, I help them bring their idea to the desired level of optimization and then launch it in the market profitably," Shefali says.

Currently, Creative Consilio handles physical product design projects apart from a few digital products. The company handles projects for digital marketing, packaging design, brand strategy and development. It credits its success to its ability to have a deep understanding of the needs of their clientele. Consilio's branding solutions are strategically designed to exemplify the core competencies of their clients. It enables a brand to say exactly what it should through its design solutions that are an apt amalgam of form, type, colour and materials. The company is accomplished at workspace designing, café theme solutions and home interior planning.
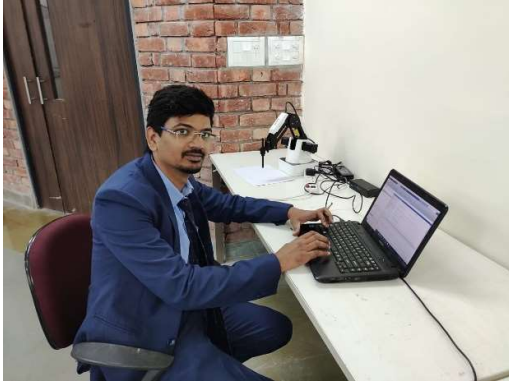
Shefali attributes her entrepreneurial success to strong mentorship and support from UPES.

"It has definitely been a journey in which the UPES was the catalyst," she says. "The School of Design gave me the wings with which I fly today. I am very grateful to Mr. Rakesh Sah, who encouraged me and moulded the designer in me. He recognised the entrepreneur in me and has been supportive whenever needed," Shefali signs off.

How UPES propelled me to become an innovator
https://blog.upes.ac.in/how-upes-propelled-me-to-become-an-innovator/

MANOJ KUMAR AKULA · NOVEMBER 24, 2020

Best Rural Innovator Award by National Institute of Rural Development, Runner-Up at the World Robotics Championship, Winner at the Indian Drone Festival 2019 are some of the achievements under my belt

Ever since I joined UPES, I was active in both academic and extracurricular activities. Academically, I was intrigued by topics such as Operating Systems, Artificial Intelligence(AI), Internet of Things(IoT), App Development, Data Mining, Software Testing Methodologies and different Programming Languages such as Mat-Lab, Solid Works, Ross and CAD. These topics developed a keen interest in me, and I wanted to apply my theoretical knowledge to some of the ideas that helped me conceptualize, design, and develop solutions and prototypes related to robotics and automation projects.

I have always believed in sharing and exchanging knowledge. Hence, I participated in several events to showcase my projects and learn from other participants. Eventually, I started conducting some technical workshops on IoT and Robotics at several renowned national universities and international schools across India. I chose the path of innovation and started leveraging technology that I was well-versed with.

Among my notable achievements have been the award for Best Rural Innovator bestowed by the National Institute of Rural Development (NIRD), India, for inventing a Sorting Machine which has applications in food processing. My innovations were showcased at the Rural Innovators Start-up Conclave- and were published by NIRD, in their two books in the year 2018 and 2019, respectively. I was Runner-Up at the World Robotics Championship innovation contest, conducted by the All India Council for Robotics and Automation (AICRA). I was also the winner of the Indian Drone Festival 2019 conducted by ITDA and sponsored by the Uttarakhand government.

I wanted to apply my theoretical knowledge to some of the ideas that helped me conceptualize, design, and develop solutions and prototypes related to robotics and automation projects

In my journey, I met some of the brightest minds in UPES and the interactions and experiences with them inspired me to work on my skillset, particularly in the areas of software programming in Robotics and Automation and advanced data processing in artificial intelligence. As I attended several workshops on Research and Development, Entrepreneurship, IPR and Product Development, I have the aptitude and ability to pursue research projects in collaboration with other students.

During my postgraduation, I was appointed as the head of the Robotic Club, where I guided my juniors and other students on their research projects and conducted technical seminars every week. Moreover, with the guidance of the knowledgeable professors in UPES, I have learnt a lot and won accolades for the university.

UPES offers an exhilarating environment that gives students a platform to explore their interests and gives a definite direction to their goals. Without a doubt, UPES transforms lives. Keeping up with the rapid advancements in technology requires a high degree of learning ability. And for the same, it is critical to study in an educational institution that can provide the necessary knowledge, prepare one to be adaptable to continuous change and ensure one's expertise and skillset remain relevant.

I am thankful I got a chance to study in UPES which made me confident, gave immense exposure, and most importantly, enhanced my overall personality.

(The writer is a postgraduate student of Automation and Robotics Engineering)

How a UPES alumnus is helping people find jobs
https://blog.upes.ac.in/how-a-upes-alumnus-is-helping-people-find-jobs/

PREETI ANEJA · JULY 16, 2020

Suyash Jain, an alumnus of UPES with a strong entrepreneurial DNA, along with his colleague Rajat Agarwal, has launched a unique social initiative to help people to find employment during COVID-19

COVID-19 has altered the way we live and work and almost every industry is feeling the heat. Lay-offs, pay cuts and furloughs have impacted many lives drastically. Still, companies in sectors such as e-commerce, pharma, food, online education, gaming, etc., are looking to hire people. In order to tap into these opportunities and help job seekers, Suyash Jain and Rajat Aggarwal, a duo working in

a B2B e-commerce company called Bijnis, came up with the concept of 'COVID-19 Free Job Forum'. Their idea is being highly appreciated by both the jobseekers and the recruiters. Suyash Jain, an alumnus of UPES School of Business, shares his journey from being a BBA student to a social entrepreneur.

Initiator's Behind Free Job Forum

Suyash Jain   Rajat Agarwal

Suyash Jain and Rajat Aggarwal, a duo working in a B2B e-commerce company called Bijnis, came up with the concept of 'COVID-19 Free Job Forum

How does this forum help the job seekers?

COVID-19 Free Job Forum is an online job database to connect those seeking employment to potential employers. This year on April 27, I read a news article that said: 'A B2B company lays off 3,000 contract workers' mainly consisting of delivery executives and field sales team. The news shook me hard as in our business we were facing challenges in hiring a field sales team due to shortage of talent on job portals. So, realising the gap between the job seekers and job providers, I, along with my friend Rajat, decided to take this plunge to bridge the gap.

It has not been an easy journey; the candidates doubted our authenticity, ability to provide desirable jobs and the ultimate goal of the initiative. We worked hard to build our credibility, sent emails to hirers and job seekers using our original identities, shared our LinkedIn profiles and personal e-mail ids. We also created a company page on LinkedIn to act as a bridge between employers and candidates and provide useful resources, job-related information and links to other pages having job opportunities.

We already have a live database of 8,500+ applications divided across domains, salary, and job location. This database is shared live with 400+ HR personnel from companies that are currently hiring. Data security of job-seekers remains our topmost priority; response sheets are only available on request. We do stringent checks of the hiring status of employers before giving access to any e-mail ids. The entire service is free for both recruiters and job seekers.

 What inspired you to embark upon an entrepreneurial expedition at such a young age?

I have been an average student who never participated in any competitions in school and had hardly any interest in sports and studies. I would credit my experiences at UPES School of Business during my BBA in Retail Management (2015-2018) for sowing the seeds of entrepreneurship in my mind. It all began when I got a chance to participate in a marketing competition with my friend Kritika Navetia. We were able to sell an idea and won the first prize! Thereafter we participated in various management competitions and won several prizes for UPES. The most memorable achievement, out of all our victories, was winning the prize for the Best Business Plan in IIT Kanpur E-Submit 2016 and 2017. During i5 Summit at IIM Indore, our business plan attracted the attention of Edelweiss, a leading investment and financial services company.

I got a chance to participate in a marketing competition with my friend Kritika Navetia

I did my internship in a start-up, where I learned about building businesses from scratch. Being keen on acquiring as much knowledge I could, I did several virtual internships as a content writer, sales executive, digital marketer and social media marketer. While at UPES, I also started 'EVyopar Club', the first retail club of the college, with the help of my professors. The club used to conduct and promote activities related to the retail industry.

In the third year, I was selected as a Student Placement Representative and here I picked up my lessons in industry liaising, skill development and spotting the right talent for the right job.

All my professors encouraged me and extended their best support in making these wins possible and infusing me with the vision to make things happen not only for myself, but for people around me as well.

What would be your advice to youngsters?

Business education is all about nurturing young minds with business acumen, life skills like teamwork, problem solving ability and a sense of responsibility towards the society. I would like to express my gratitude to UPES and my professors for inculcating all the desirable traits in me and helping me become a better version of myself.

I would advise all my juniors to participate in business plan competitions, debates and research projects under faculty mentorship. Internships are a great platform to learn and grow, so students must give their best effort to their internship projects. The experiences at UPES gave me the skill and confidence to take up challenges and make big strides in learning.

Start-ups: The magic of new beginnings

https://blog.upes.ac.in/start-ups-the-magic-of-new-beginnings/

PREETI ANEJA · MAY 3, 2020

Mayank Garg, a student of UPES School of Law, is the founder of start-up JRTC Intern. He strongly believes that his idea will be a milestone in facilitating internships to law students all over the globe

An optimist sees an opportunity in every difficulty, they say, and the students of UPES continue to create solutions that benefit the society at large. Mayank Garg, a student at the School of Law, UPES, is the mind behind the successful start-up JRTC Intern. It is India's first-ever internship governance platform for the legal sector. This platform will serve as an interface between law students seeking quality internships and top law firms looking for deserving interns. The idea promises to bring relief to thousands of law interns in the country who struggle in the absence of any organized forum or channel.

The idea germinated in a quest of helping a friend to secure an internship in 2017. The struggle then helped in identifying the big challenges concerning internships like the lack of awareness about opportunities, no proper processes to apply for internships, the lack of trust and willingness on the part of big law firms and nepotism.

It took immense hard work and toil in the form of rigorous research, numerous brainstorming sessions, hours-long interactions with the students, top law firms and mentors at the School of Law, UPES, to lay the foundation of JRTC Intern. The start-up is being patronized by nationally acclaimed law firms like Cyril Amar Chand Mangal Das, Shardul Amar Chand Mangal Das, L&L partners, Lakshmi Kumaran Sridharan and top lawyers namely advocate Kapil Sibbal, Salman Khurshid to name a few.

"We have a well-designed process to benchmark the skills and aptitude of the aspiring interns, comprising eligibility examination, the General Law Internship Test, and an interview. This initiative will go a long way in altering the way we talk about law internships in India and help us in nurturing a better breed of lawyers, strengthening the legal system of the nation," said Mayank Garg, founder JRTC Intern.

Talking about their strategies in reference to the impact of the COVID-19 pandemic on internships Mayank informed that owing to their proactive approach towards artificial intelligence and machine learning, they have all the systems in place to ensure internship opportunities continue via online mode. They are set to deliver.

He also mentioned that with joining of Mr. Parikshit Chandgothia, (alumni, School of Law UPES), a technology enthusiast, they have high aspirations for automation, improved technology interventions and collaborations with international law firms of repute in the future.

Among many accolades, the team has also received a letter of appreciation by the former president of India, Mr Pranab Mukherjee.

Mayank expressed his gratitude towards his mentors at the School of Law and the UPES Council for Innovation and Entrepreneurship (UCIE), for their constant support and incubation mentoring, instrumental for this soaring success.

Emerging jobs for aerospace engineering graduates
https://blog.upes.ac.in/5-career-options-for-aerospace-engineering-graduates/

BY A CORRESPONDENT · MARCH 18, 2021

Aerospace engineering has two sub-branches, aeronautical engineering that focuses on flying machines within the atmosphere, and astronautical engineering that covers everything beyond the earth's atmosphere

Aerospace engineering involves designing, developing, and maintaining aircrafts and spacecrafts. One of the toughest and exciting branches of engineering also involves testing missiles, rockets, and weapon systems. Aerospace engineering has two sub-branches, aeronautical engineering that focuses on flying machines within the atmosphere, and astronautical engineering that covers everything beyond the earth's atmosphere.

In India, the aerospace and defence market is on a high-growth trajectory. The increase in domestic air travel and support from the government has significantly contributed to this growth. The aerospace industry has also experienced a renewed push with ISRO's space exploration endeavours. From government organisations to private and public airline services, aircraft manufacturing units, and even defence—aerospace engineers are in high demand.

A full-time course in aerospace engineering in India teaches students to develop and design innovative technologies for aircraft and spacecraft, ways to make flights safer, more economical, fuel-efficient, and environment friendly, among other things. It's an exciting time to be an aerospace

engineer and chart a thrilling career, both in India and abroad. Take a look at the five job roles that an aerospace engineering can pursue.

Aerospace engineers: If you like designing and building flying machines, then this is the right choice for you. As an aerospace engineer, your primary task will be to design, test, and develop aircrafts and spacecrafts. This job role entails working in large teams. Some of the government agencies that hire aerospace engineers are National Aeronautical Laboratory, Civil Aviation Department, Hindustan Aeronautics Limited, Defence Research and Development Laboratory. Apart from this, aerospace engineers are also needed in private airlines and the defence industry.

Flight Technicians: The main task of flight technicians is to maintain, construct, and regularly test the operating systems of the aircrafts. Flight technicians are in charge of making sure the aircrafts and the control systems are operating smoothly. Not just testing, technicians are also supposed to repair the equipment being used. They are needed by aerospace and aviation manufacturers and airlines, as well as in research teams.

Avionics Engineers: An avionics engineer designs and programs electrical systems used on an aircraft, spacecraft, and satellites. They help provide support for all communication, navigation, and guidance systems, and also tests them to ensure they are working properly.

Satellite and space research: Today, satellites play an important role in ensuring our lives run smoother and better. They are used for GPS navigation, long-distance communications, to predict the weather, monitor global temperatures, and much more. And space exploration in India has been revived with successful launches of Mangalayan and Chandrayan. As graduates of aerospace engineering, you can chart a successful and interesting career as part of research teams in both these areas.

UAV Pilot: Unmanned aerial vehicles are aircrafts without a pilot on board. It is operated remotely from an unmanned aircraft system comprising a ground-based controller and a system of communications between the pilot and the UAV. In the last few years, UAVs have become one of the most prominent emerging technology impacting almost all sectors. Today, the Indian government is using UAVs for assessing natural disasters, inspecting railways, detect illegal mining, etc.

You can also choose to keep studying further and get a Master's degree. UPES offers M.Tech in Computational Fluid Dynamics as well as a PH.D. The university's School of Engineering encompasses an array of courses in aerospace engineering with a variety of specializations to choose from. The courses have been co-developed by industry partners and help students gain specialized knowledge and practical skills. The multidisciplinary and holistic learning approach of UPES moulds students to be future-focused and ready to face the challenges of the world. With international internship opportunities and a high placement record, UPES is setting a new benchmark in the field of engineering studies in India.