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4.3.2 Does your university as a body host events at university that are open to the general public: executive education programs (this refers to short courses for people who are not attending the university; this specifically excludes courses like MBA) and/or vocational training?

### INTERNATIONAL CONFERENCE ON NEW PARADIGMS OF ENVIRONMENTAL SUSTAINABILITY AND ENERGY LAWS

<https://www.upes.ac.in/events-and-activities/international-conference-on-new-paradigms-of-environmental-sustainability-and-energy-laws>



UPES School of Law, in collaboration with the Uttarakhand Forest Department and Uttarakhand Pollution Control Board, hosted the International Conference on New Paradigms in Environmental Sustainability and Energy Laws from September 20-21, 2024. The conference featured insightful discussions on pressing environmental issues such as climate change, renewable energy, and environmental governance. It aimed to provide a platform for legal experts, policymakers, academics, and students to explore innovative legal frameworks and sustainable practices that align with the United Nations' Sustainable Development Goals (SDGs).

Distinguished legal professionals, environmental advocates, and academicians from various national and international institutions participated, including representatives from 66 Indian institutes and 6 foreign organizations. The conference served as an important venue for sharing research, promoting collaboration, and addressing complex legal and ethical concerns related to environmental

sustainability. The diverse participants contributed through research presentations and panel discussions, facilitating a broad exchange of ideas. Sessions also provided participants with valuable insights on how technological advancements can be leveraged to solve complex environmental problems, while also addressing the legal and ethical concerns associated with these innovations.

The conference featured dynamic panel discussions and interactive sessions on topics including environmental governance, renewable energy laws, climate justice, and legal compliance in a rapidly evolving world and brought together several environmental experts including bureaucrats, academicians, advocate on record, social activists and practising advocates from top law firms. Dr. Dhananjai Mohan, Principal Chief Conservator of Forests (HoFF), Shri. Umesh Dwivedi, Member of Legislative Council, Former President at Divine Disaster Management Inquiry Committee, Uttar Pradesh Mr. Anoop Nautiyal (Founder of Social Develop for Communities (SDC) Foundation), Ms. Pragya Parijat Singh (Advocate-on-record, Supreme Court of India, Member Executive SCAORA, Founder of Pranutan Legal), Dr. Ankur Kansal (Environment Engineer, Uttarakhand Pollution Control Board), and Mr. Aman Rab (Legal Advisor to DGP, Pollution Board, Municipal Corporation, SEIAA, RERA and Special Counsel for Govt. of Uttarakhand) were among the many others who graced the conference with their presence.

The conference drew participation from 66 Indian Institutes including National Law Universities, 6 foreign institutes and organisations including representatives from Provincial Health Services Authority, Canada, NSW Fair Trading, Australia and European Institute on Economics and the Environment, Europe, and advocates and judicial officers representing 7 different high courts across India.

## Objective

The primary goal of the conference was to address the urgent need for sustainable legal frameworks to combat environmental degradation and promote renewable energy practices. The conference aimed to foster discussion on climate justice, biodiversity conservation, and legal compliance in the face of evolving environmental challenges. It also emphasized community-led conservation efforts and collaboration between law, policy, and technology to create long-lasting environmental solutions.

## Chief Guests

- Shri Subodh Uniyal, Hon'ble Minister of Forest, Uttarakhand Forest Department
- Prof. (Dr.) M.K. Ramesh, Chair Professor, Urban Poor and the Law, Government of India
- Guests Of Honour
- Padma Bhushan Awardee Dr. Anil Prakash Joshi, Founder of the Himalayan Environmental Studies and Conservation Organization (HESCO)
- Dr. Pradeep Mehta, State Head, UNDP Uttarakhand
- Speakers
- Dr. Abhishek Sinha, Dean, School of Law, UPES
- Prof. (Dr.) Shikha Dimri, Associate Dean, School of Law, UPES



## Audience

- Students from UPES School of Law
- Dignitaries from Uttarakhand Forest Department and Pollution Control Board

## Location

Auditorium, School of Law, UPES Kandoli Campus

## ENERGY SUMMIT 2024

<https://www.upes.ac.in/events-and-activities/energy-summit-2024>



The International Conference on Navigating Global Energy Transition for a Sustainable Future (ICNETS 2024), as part of the Energy Summit, was successfully hosted from 18th-20th September at the UPES campus.

The event brought together a diverse range of stakeholders, including industry leaders, policymakers, innovators, researchers, and visionaries, to explore the critical challenges and emerging opportunities in the global energy transition. Discussions centered around sustainable energy solutions, the integration of renewable resources, advancements in energy storage technologies, and the role of policy frameworks in driving the shift toward a greener future.

Key sessions also addressed pressing issues like decarbonization, energy security, and the socio-economic impact of energy transformations. The summit fostered collaborations and presented actionable strategies to accelerate the shift toward a more sustainable and resilient global energy landscape.

## Chief Guests

Dr. Rabi Narayan Bastia, CEO (E&P business) Oilmax Energy Pvt. Ltd. He is a distinguished Indian geoscientist, renowned for his pivotal role in discovering the KG-D6 gas fields in the Krishna-

Godavari Basin. He has held key positions such as President (Exploration & Production) and Chief Exploration Geoscientist at Reliance Industries Limited, where he led groundbreaking exploration efforts. He is also the Founder and Chairman of OilMax Energy Pvt. Ltd. and has contributed to academia as an Adjunct Professor at IIT Kharagpur. Awarded the Padma Shri in 2007, Dr. Bastia's expertise in petroleum geology and deepwater exploration has significantly advanced India's energy landscape.

### Guest Of Honor

Dr. Kaustav Nag, Additional Director General (Exploration), Directorate General of Hydrocarbons, Ministry of Petroleum & Natural Gas, Government of India

Invited Talk by Ms Nebula Bagchi Group General Manager, ONGC, R.S Rawat- Scientist, Biodiversity and Climate Change Division, Indian Council of Forestry Research and Education, Dr. Vikram Vishal- Professor, Dept. of Earth Sciences, IIT Bombay.

## MADHYASTHAM UPES ADR FEST'24

<https://www.upes.ac.in/events-and-activities/madhyastham-upes-adr-fest>



Madhyastham UPES ADR Fest'24 was conducted in two phases: an online mode from August 24-26, 2023, and an offline mode from September 15-17, 2023. The event was organized by the Alternate Dispute Resolution (ADR) Committee of the School of Law, UPES. The festival aimed to provide law students with an opportunity to hone their mediation and negotiation skills in a competitive and practical setting. Participants showcased their expertise in Alternative Dispute Resolution through various rounds, culminating in the finals and valedictory ceremony, where the winners were recognized.

In addition to the practical rounds, participants also had the chance to attend workshops and sessions led by experienced legal professionals, further enhancing their understanding of mediation and negotiation as career paths.

The event featured expert speakers and legal professionals from across the country who shared their insights on ADR practices, making it an enriching experience for all participants.

## Objective

The main objective of Madhyastham UPES ADR Fest was to provide law students with a platform to explore and practice mediation and negotiation skills. The event aimed to promote the importance of Alternative Dispute Resolution (ADR) methods as a means to resolve conflicts amicably and efficiently. The competition encouraged participants to apply theoretical knowledge to real-life scenarios, helping them develop the skills necessary for successful careers in law and dispute resolution.

## Esteemed Judges

- Dr. Mohan Diwan, Principal at R. K. Dewan & Co.
- Mr. Tariq Khan, Registrar, IAMC
- Ms. Varsha Banerjee, Partner, D&D Associates
- Mr. A.J. Jawad, Dispute Resolution Specialist
- Mr. Krishna Gandhi, Senior Advocate, High Court of Telengana
- Mr. Rishab Dheer, Lawyer, Chevening Scholar
- Mr. Akash Gupta, Assistant Professor, JGLS
- Mr. Gauhar Mirza, Partner, CAM
- Mr. Rahul Beruar, Managing Partner, B&B
- Ms. Sunanya Kandala, Associate Counsel, IAMC
- Ms. Ayesha Jamal, Advocate, Supreme Court of India

## Audience

Students from UPES School of Law

## Location

Auditorium, School of Law, UPES Kandoli Campus

## Young Founder Summit Ignites Entrepreneurial Spirit



UPES Runway Incubator hosted the Young Founder Summit, a three-day bootcamp from 5th to 7th July 2024. The event brought together students from Chandigarh, Panchkula, Mohali, Solan, Ambala, and Kanpur to foster innovation and entrepreneurship. The summit featured keynote addresses, pitching sessions, workshops on marketing, IPR, prototyping, and team building. Students engaged in interactive sessions, lab visits, and mentorship from industry experts, including Vikash Shah, founder

of Flux Motors. The event culminated in a closing ceremony, where participants received certificates and encouragement to pursue their entrepreneurial dreams. The Young Founder Summit provided a platform for students to explore their entrepreneurial potential, gain practical knowledge, and network with industry leaders. The initiative aims to nurture a vibrant startup ecosystem in the region.

## Networking & Pitching Event - Runway, UPES Hosts TiEcon Dehradun 2024



Runway-UPES recently hosted TiECON Dehradun 2024 in collaboration with TiE Dehradun, themed "Inspire, Innovate and Impact." The event drew budding entrepreneurs from across Uttarakhand, creating a vibrant atmosphere of innovation. Naman Gandhi, a UPES alumnus and founder of Techyon Automotive, clinched victory with his pioneering approach to electric vehicle (EV) technology, earning a ₹1 Lakh funding for Techyon's further development. First runners-up, Shubham Rana with Beeready Harvesters LLP and Siddharth Jena with Akashlabdhi Pvt Ltd, presented diverse innovations in bee habitat preservation and space exploration, respectively. The event featured enriching sessions led by industry stalwarts like Shashank Kumar (Co-Founder, Dehaat) and Sanjeev Bikhchandani (Founder, Naukri.com), who shared valuable insights and experiences. Engaging discussions and fireside chats covered crucial topics for the entrepreneurial community, fostering a platform for learning and networking, thus encapsulating the essence of fostering entrepreneurship in the region.

## “GOVT. PRIMARY SCHOOL - BISHENPUR CLAIM OVERALL WINNERS TROPHIES AT THE ‘INTER-SCHOOL SPORTS & CULTURAL COMPETITION’ HELD AT UPES



Friday – 31<sup>st</sup> January, 2020  
By Our Staff Reporter



Dehradun : Continuing its noble initiative of adding smiles on the innocent faces of the young students from all the 08 Govt. Primary Schools supported by it this year too, UPES organized the 2nd Edition of the annual 'Inter-School Sports & Cultural Competition' - 'RAFTAAR 2.0' at its Bidholi campus today. The Vice Chancellor UPES - Dr. Deependra Jha inaugurated the event amongst the clapping & cheering by hundreds of energetic young students. Over 300 students from the 08 Rajkiye Prathamik Vidyalayas (RPV) viz. RPV-Bidholi; RPV-Bakarna; RPV-Bishenpur; PRV-Dunga; RPV-Kharakhet; RPV-Masras Patti; RPV-Paundha & RPV-Upper Kandoli participated & enjoyed the daylong fun activities.

Welcoming the Principals, Teachers & Students of all the participating Govt. Primary Schools to the Bidholi Campus of the University, Mr. Arun Dhand - Sr. Director UPES & 'Mentor-Raftaar' informed that UPES-CSR has been providing need-based infrastructural support to these state govt. run schools for over a decade. The UPES-CSR Faculty Mentors & Student Volunteers have been visiting these schools on a regular basis to supplement the efforts by their teachers in teaching mathematics & English to their students. "The excitement, jubilation & fun witnessed by the innocent students from these primary schools during 'Raftaar 1.0' was a source of great encouragement for UPES CSR Team to organize the event annually. The solo cultural activities under 'Raftaar 2.0' have been specially chosen to discover special talents amongst these school students and provide them with opportunities to nurture their endowments further. This year, the activities under 'Raftaar 2.0' includes the 'Distribution of Winter Kits' to all the students enrolled in these 08 primary schools" Mr. Dhand stated.

Distributing the 'Winter Kits' comprising of a Woolen Blazer; Woolen Inner Set; Woolen Cap; two pairs of woolen socks & a pair of shoes, to the primary school students, Dr. Deependra Jha praised



the humane efforts by the entire UPES-CSR Team in supporting the primary education among the schools situated in a radius of 5 kms. of the UPES Campuses through a regular infrastructural support & academic interventions benefiting their students. "I am proud that the UPES faculty, students & staff have been contributing beyond the call of their duties through such societal initiatives taking of time from their ever-busy schedules and empathizing with the underprivileged sections of our society. Every responsible citizen should endeavor his bit to give back to the society. I have observed that the UPES support has helped improving the educational experience of their students" he said. Acknowledging the winners of 'Raftaar 1.0' Sports & Cultural Events Running Shields 'RPV-Paundha' & 'RPV-Masras Patti', Dr., Deependra Jha extended his best wishes to all the participants for the current event.

The events of 'Raftaar 2.0' were conceived & executed by the UPES 'Faculty Conveners' - Dr. Pooja Gupta, Asstt. Professor – Department of Humanities & Ms. Avita Katal, Asstt. Professor - School of Computer Science. The 'Faculty Conveners' apprised that over 300 young girls & boys from Class I to V from these state primary schools participated in multiple sports & cultural competitions that included 'Sack Race; Skipping Rope; Treasure Hunt; Ball under the Chin; Three-legged Race; Tug of War & Theme-based Poster Making' among the 'Sports Events' and 'Solo Dance; Solo Singing; Playing a Musical Instrument; Fancy Dress Competition & Poem Recitation / Story Telling' among the 'Cultural Events'. The Sports & Cultural Events saw all the participating students vying for achieving the Prize Winning Positions. In all, 40 Gold Trophies, 40 Silver Trophies, 21 Bronze Trophies and 320 Winners & Participants Certificates were awarded to the winners & participants of 'Raftaar 2.0'. Besides the awards, the winners took home a pride of being recognized at an important platform besides the joys, excitement, happiness and a sense of achievement in shape of the glittering trophies. An outstanding performance by RPV-Bishenpur students catapulted their scores at the top position in the result sheets and the announcement of the 'RAFTAAR 2.0' Sports & Cultural Events 'Running Shields' being lifted by RPV-BISHENPUR was welcomed by an unending applause by all. A special relay race for the 'Principals-Teachers Duo' Teams became an added attraction of the day that saw their students clapping & cheering for them. The 'Gold Trophy' for the Relay Race went to RPV-PAUNDHA. Utilizing the occasion, UPES also recognized two primary school students for their extraordinary achievements. Km. Shagun from RPV-Bishenpur - a 2nd Position winner in a 'State Level Painting Competition' and Km. Khushi from RPV-Paundha - a 1st Position winner in a district level 'Spelling Competition' were recognized with a special 'Achievers Award' each. The panel of judges for both the events comprised of Mr. Amrendra Tripathi; Dr. Susheela Dahiya; Dr. Nilima; Dr. Anurag Jain & Dr. Sandeep Pratap Singh - all from the School of Computer Science, UPES; Dr. PLL Annapurna; Ms. Nupur Jha & Dr. Mariyam - from the Department of Humanities, UPES and Dr. Ratnesh Pandey & Dr. Abhishek Misra from the Department of Physics, UPES. Dr. Deependra Jha presented the trophies & certificates to the winners of the 'Sports Events' along with Dr. Monit Kapoor from SCS, UPES while Ms. Seema Sehgal & Ms. Savita Dhand were the invited dignitaries for presenting the 'Cultural Events' awards.

Delivering the 'Vote of Thanks', Mr. Manish Dubey made a special mention of the hard work put in by the 'Event Faculty Coordinators' Dr. Pooja Gupta & Ms. Avita Katal while thanking the 'Faculty Mentors' Team of Dr. Ashish Verma; Dr. Inder Singh; Dr. Shalini Vohra; Mr. Amit Singh; Mr. Udit Raj Sharma; Dr. Tanupriya Chaudhary; Mr. G.N. Sinha; Dr. Pooja Gupta; Dr. Vinita Singh; MS. Kalpana Rangra & Mr. Goutam Datta along with their committed team of student volunteers. The 'Admin Team' who contributed to the success of the event included Mr. Shashank Srivastava, Mr. Anjul Khanduri, Mr. Michael Williams, Mr. Vinay Chhetri, Ms. Shivani Dhiman, Mr. Anant Prakash Misra, Mr. Vishal Gangwar and their efficient team members.



## Scientific Approach to a Comprehensive Study of Mind, Brain, and Consciousness in the Himalayan Region

[https://www.linkedin.com/posts/upes-soae\\_hilltalk-scienceinhimalayas-atmanirbharbharat-activity-7152275329858818048-BNsB/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/upes-soae_hilltalk-scienceinhimalayas-atmanirbharbharat-activity-7152275329858818048-BNsB/?utm_source=share&utm_medium=member_desktop)

Join us for an insightful exploration into the scientific study of Mind, Brain, and Consciousness in the Himalayan Region at "HILL Talk" featuring Dr. Laxmidhar Behera from IIT Mandi.

🌐 **Topic:** Scientific Approach to a Comprehensive Study of Mind, Brain, and Consciousness in the Himalayan Region.

Immerse yourself in a discussion that aligns with the visionary goals set by the Principal Scientific Advisor of India. This initiative is a step towards creating Science and Technology Clusters, fostering collaboration, and paving the way for an 'Atmanirbhar Bharat.'

🚀 Be part of this thought-provoking event, where knowledge meets the breathtaking backdrop of the Himalayas. Open to students, faculty, and enthusiasts, 'HILL Talk' promises to inspire and ignite curiosity.

Let's come together to explore uncharted territories of knowledge and contribute to shaping the future of science.

**HILL**  
Science of Nature

**UPES**

**AN EXPERT TALK**

**TOPIC**  
Scientific Approach to Holistic Study of Mind, Brain and Consciousness in Himalayan Region

**Prof. Laxmidhar Behera**  
Director, IIT Mandi

**VENUE:**  
HUBBLE BOARD ROOM,  
UPES

**MONDAY,  
JANUARY 15  
2024**

**TIME  
10:30 - 11:30 AM**

## 2nd International Young Researchers' Conclave (IYRC 2024)

[https://www.linkedin.com/posts/upes-soae\\_iyrc2024-research-innovation-activity-7166274465700532225-z60o/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/upes-soae_iyrc2024-research-innovation-activity-7166274465700532225-z60o/?utm_source=share&utm_medium=member_desktop)

Join us at the 2nd International Young Researchers' Conclave (IYRC 2024) organized by UPES & CIDRI at UPES Dehradun, from Feb 28-29! 🚀 Explore ongoing research, innovation, and connect with global young minds 🌐 Let's inspire innovation together!



## Exciting Announcement from UPES, Dehradun!

[https://www.linkedin.com/posts/upes-soae\\_iciccd2024-upesdehradun-vivekanandaauditorium-activity-7200713634589679616-tWSY/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/upes-soae_iciccd2024-upesdehradun-vivekanandaauditorium-activity-7200713634589679616-tWSY/?utm_source=share&utm_medium=member_desktop)

The Electrical Cluster of the School of Advanced Engineering is thrilled to present the 6th International Conference on Intelligent Communication, Control, and Device (ICICCD 2024)

📅 **Dates:** 30 – 31 May, 2024

📍 **Venue:** Vivekananda Auditorium, UPES, Bidholi Campus, Dehradun

Join us for a dynamic event focusing on the integration of intelligent communication systems, sustainable technology in power systems, and intelligent control & devices spanning all engineering and scientific disciplines.

This conference offers a fantastic opportunity for researchers, academicians, scientists, and industry practitioners to share their groundbreaking research, innovative findings, and practical development experiences.

Don't miss out on this vibrant platform to connect, collaborate, and innovate!

Stay tuned for more updates and details. Let's push the boundaries of technology together! 🚀📱💡

[UPES Ram Sharma, PhD](#) [Ranjeet Brajpuriya](#) [Piyush Kuchhal](#) [Dr. Nilanjana Banerjee](#) [Dr. Bikarama Prasad Yadav](#) [Ranjan Mishra](#) [Dr. Adesh Kumar](#) [Geetanjali Raghav](#) [Stuti Gandhi](#) [Manav Aggarwal](#) [Kanu Talwar](#) [Amit Narayan](#) [Ankur Jain](#) [Sarthak Garg](#) [Harish Pundeer](#) [Sumit Wason](#) [Rahul Pillai](#)

**6<sup>th</sup> International Conference**  
**On Intelligent Communication, Control and Devices**

Organised by: Electrical Cluster, School Of Advanced Engineering

**May 30-31, 2024**

**Chief Guest**  
**Prof. Rajeev Ahuja**  
Director, IIT Ropar

**Guest of Honor**  
**Prof. O.P.N. Calla**  
Director, ICRS, Jodhpur

**Prof. N.P. Padhy**  
Director, MNIT, Jaipur

Platinum Sponsor | Silver Sponsors

[The 1st International Conference on Recent Advancements in Applied Sciences and Technology \(ICRAAST 1.0\)](#)

[https://www.linkedin.com/posts/upes-soae\\_exciting-announcement-from-upes-dehradun-activity-7201075031420911617-e0k3/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/upes-soae_exciting-announcement-from-upes-dehradun-activity-7201075031420911617-e0k3/?utm_source=share&utm_medium=member_desktop)

**UPES** **ICRAAST**

**1<sup>ST</sup> INTERNATIONAL CONFERENCE**  
— ON —  
**RECENT ADVANCEMENTS  
IN  
APPLIED SCIENCES AND TECHNOLOGY**

**May 29-31, 2024** **Bidholi Campus, UPES, Dehradun**

OUR PARTNERS

The Applied Sciences Cluster of the School of Advanced Engineering is thrilled to announce "ICRAAST 1.0". **\*\*Dates:\*\*** 29 – 31 May, 2024 **\*\*Venue:\*\*** Vivekananda Auditorium, UPES, Bidholi Campus, Dehradun.

The 1st International Conference on Recent Advancements in Applied Sciences and Technology (ICRAAST 1.0) marks a significant milestone in the realm of academic discourse and technological

innovation. Conceived in an energetic and intellectually stimulating environment, the conference seeks to unite researchers, scientists, academicians, and industry professionals from across the globe to share their latest discoveries, foster idea exchange, and delve into the frontiers of applied sciences and technology. One of the key highlights of ICRAAST 1.0 is the impressive lineup of luminary keynote speakers who will captivate the audience with their insightful talks, shedding light on the current trends, challenges, and prospects in applied sciences and technology. This promises to inspire attendees to push the boundaries of their own research pursuits. The conference features parallel sessions, providing a platform for researchers to present their papers and engage in meaningful discussions. The papers presented will cover a wide array of topics, underscoring the multifaceted nature of contemporary research and the interconnectedness of various scientific disciplines.

## [UPES Welcomes School Students: Inspiring Curiosity and Fueling Passion in Science!](https://www.linkedin.com/posts/upes-soae_upes-welcomes-school-students-inspiring-activity-7234443768240746496-6c6H/?utm_source=share&utm_medium=member_desktop)

[https://www.linkedin.com/posts/upes-soae\\_upes-welcomes-school-students-inspiring-activity-7234443768240746496-6c6H/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/upes-soae_upes-welcomes-school-students-inspiring-activity-7234443768240746496-6c6H/?utm_source=share&utm_medium=member_desktop)

Join us for an exciting day at UPES as we present AMA 3.0 - Aligning Minds Across Applied Sciences!

🌟 This event is designed to spark curiosity and ignite a passion for learning in the fascinating world of applied sciences. Get ready to dive deep into engaging topics, gain invaluable insights, and explore the endless possibilities that science has to offer.

Plus, don't miss out on Utthan, the School of Health Sciences and Technology Foundation Day! 🛡️⚙️ We're thrilled to welcome school students for a day of discovery, learning, and fun in health sciences and technology. It's an amazing opportunity to explore new horizons, interact with experts, and be inspired by the power of science.

**UPES**  
**UPES WELCOMES SCHOOL STUDENTS**  
INSPIRING CURIOSITY AND FUELING PASSION IN SCIENCE

**AMA 3.0**  
— ALIGNING MINDS ACROSS —  
Sparkling curiosity and igniting passion in applied sciences, offering students invaluable insights in applied sciences.

**Utthan**  
FOUNDATION DAY  
Join us for Utthan, the School of Health Sciences and Technology Foundation Day at UPES. We're excited to welcome school students for a day of discovery, learning, and fun in health sciences and technology!

**MAJOR HIGHLIGHTS**

- Play with Maths
- Live quiz competition
- Poster Competition
- Working Model Competition
- Display of innovative ideas by UPES students

August 29, 2024  
09:00 AM  
UPES, Dehradun

SCAN HERE TO REGISTER

**MAJOR HIGHLIGHTS**

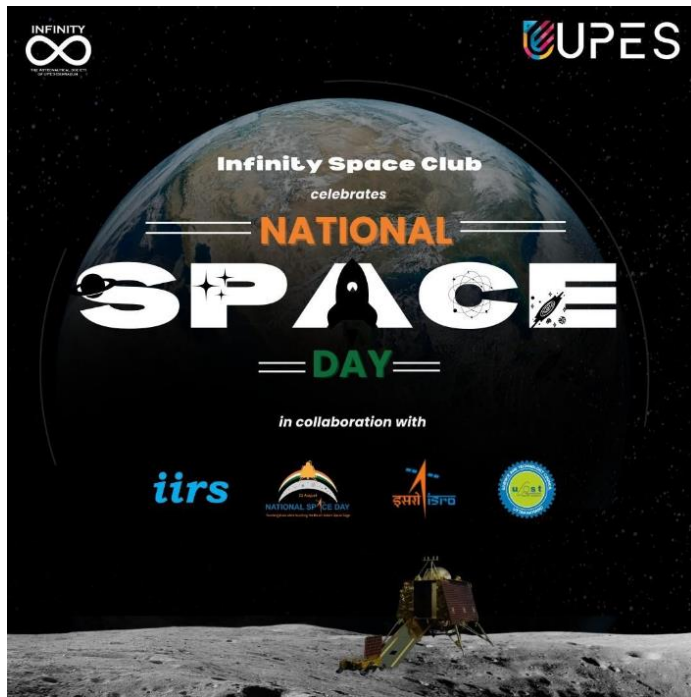
- Model Display
- Quiz Challenge
- Health Science Exhibition
- Lab tour
- Opportunity to interact with faculties

August 30, 2024  
09:00 AM  
UPES, Dehradun

SCAN HERE TO REGISTER

## [National Space Day 2024 \(NSpD'24\) at UPES](https://www.linkedin.com/posts/upes-soae_nationalspaceday-upes-soae-activity-7232594014170951680-BMRt/?utm_source=share&utm_medium=member_desktop)

[https://www.linkedin.com/posts/upes-soae\\_nationalspaceday-upes-soae-activity-7232594014170951680-BMRt/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/upes-soae_nationalspaceday-upes-soae-activity-7232594014170951680-BMRt/?utm_source=share&utm_medium=member_desktop)



Celebrating India's Cosmic Stride!

Join us on 23rd August as we commemorate National Space Day 2024 (NSpD'24) at UPES, marking a year since Chandrayaan-3's historic lunar landing. 🌕🚀

🗣️ Guest Session

🕒 Time: 0930hrs

📍 Venue: Vivekananda Auditorium, 2nd Floor, AB-1, Bidholi Campus

Theme: India in Space with Shri Hari Shankar, Scientist, ISRO

🚀 Science Exhibition & Interactive Demonstrations

🕒 Time: 1300hrs

📍 Venue: Quadrangle, AB-1, Bidholi Campus

Explore ISRO exhibits, Rocket Models, VR tours, and more!

Together, let's celebrate our past, present, and future in space exploration!



## 02 Days National Workshop Cum Training Program on Frontiers in Pharmaceutical Biotech and Clinical Research

[https://www.linkedin.com/posts/school-of-health-sciences-technology\\_national-workshop-cum-training-program-dna-activity-7176427126714167296-q-JE/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/school-of-health-sciences-technology_national-workshop-cum-training-program-dna-activity-7176427126714167296-q-JE/?utm_source=share&utm_medium=member_desktop)



A heartfelt thank you to everyone who made our 02 Days National Workshop Cum Training Program on Frontiers in Pharmaceutical Biotech and Clinical Research a roaring success! 🎉

Hosted by the School of Health Sciences and Technology at UPES, Dehradun, Uttarakhand, in collaboration with DNA Labs, this event was a true testament to the power of collaboration and innovation in healthcare! 🧬🔬

Highlights included:

🧬🔬 Demonstrations and hands-on training on cutting-edge molecular biology and biotechnology techniques 🧬

🌟 Engaging competitions such as poster presentations, model displays, rangoli creations, and a gripping quiz 🏆

🗣️ In-depth discussions on the latest innovations in diagnosis, treatment, and exploration 🏢

We're immensely proud of the dedication and enthusiasm shown by all participants, speakers, and organizers. Together, we're paving the way for groundbreaking advancements in pharmaceuticals, biotech, and clinical research! 🚀

Stay tuned for more updates and future events as we continue to push the boundaries of healthcare excellence!

[Young Founder Summit Ignites Entrepreneurial Spirit](#)





UPES Runway Incubator hosted the Young Founder Summit, a three-day bootcamp from 5th to 7th July 2024. The event brought together students from Chandigarh, Panchkula, Mohali, Solan, Ambala, and Kanpur to foster innovation and entrepreneurship.

The summit featured keynote addresses, pitching sessions, workshops on marketing, IPR, prototyping, and team building. Students engaged in interactive sessions, lab visits, and mentorship from industry experts, including Vikash Shah, founder of Flux Motors. The event culminated in a closing ceremony, where participants received certificates and encouragement to pursue their entrepreneurial dreams.

The Young Founder Summit provided a platform for students to explore their entrepreneurial potential, gain practical knowledge, and network with industry leaders. The initiative aims to nurture a vibrant startup ecosystem in the region.

## [Pitching Event - Runway,UPES Hosts TiECON Dehradun 2024 \(on 29th February & 1st March 2024\)](#)



Runway-UPES recently hosted TiECON Dehradun 2024 in collaboration with TiE Dehradun, themed "Inspire, Innovate and Impact.". Naman Gandhi, a UPES alumnus and founder of Techyon Automotive, clinched victory with his pioneering approach to electric vehicle (EV) technology, earning a ₹1 Lakh funding for Techyon's further development. First runners-up, Shubham Rana with Beeready Harvesters LLP and Siddharth Jena with Akashlabdhi Pvt Ltd, presented diverse innovations in bee habitat preservation and space exploration, respectively.

## [Adapt or Perish Conference](#)

<https://www.upes.ac.in/events-and-activities/adapt-or-perish>



UPES, a Dehradun-based multidisciplinary university, recently hosted a conference addressing the future of the legal industry led by technological advancements. The event brought together leading experts, practitioners, educators, and students to delve into the impact of technology, discuss the current legal landscape, and explore how future lawyers can navigate this transformative era.

The conference, themed 'Adapt or Perish,' sparked engaging discussions on the future of legal education. Organised in World Café format, the conference facilitated dynamic, round-table discussions, allowing participants to share insights and perspectives in an open and interactive environment. The discussions mainly centred around six major themes: globalising legal education for a dynamic world, fostering a collaborative ecosystem for innovation in legal education, reconciling the gap between the legal industry and academia in the digital era, addressing ethical issues of using AI in legal education, next-generation lawyers adapting to technology, and reimagining legal education for the digital age.

Keynote Speaker, Senior Advocate Nitin Thakker, President of the Bombay Bar Association, set the tone for the event with an insightful address. He highlighted the indispensable role of technology in modern legal practice, stating, "Embracing new-age legal tech solutions demands a significant shift in mindset. We must view technology not merely as a tool but as an integral part of their education and practice. The future of legal education hinges on our ability to adapt to technology and the readiness of law schools to be dynamic with their curricula. I must congratulate and commend UPES for pioneering this initiative."

Dr. Abhishek Sinha, Dean of UPES School of Law, said, "In the rapidly evolving landscape of technology, it's imperative for all of us, especially future lawyers, to integrate tools like AI into our workflows. While legal education remains heavily theoretical, the aspiration is to shift towards a more practical approach. Despite the buzz around AI, only 22% of organisations globally have implemented it in their workflows, leaving a vast potential untapped. The legal sector must embrace these innovations to revolutionise our field in the coming years."

The conference also featured a dynamic panel discussion moderated by Dr. Sinha. The panel, comprising key industry leaders and academicians, discussed crucial issues such as the globalisation

of legal education, curriculum changes for future readiness, the gap between the legal industry and academia in the digital era, policies for AI and tech integration in legal education.

During the discussion, Naresh Pareek, Partner, Lex Consult highlighted, "While AI can serve as a valuable tool in legal education, it cannot replace the trust and relationship built with human professors. Students must engage with emerging technologies like AI to enhance their readiness for the future legal landscape. Understanding these technologies is crucial for their confidence and success, particularly as AI becomes integral in legal transactions and advisory services."

Another panellist, Vaibhav Ganjiwale, L&D Head, Cyril Amarchand Mangaldas, said, "We need to be innovative and inventive in using technology to make the learning process for aspiring lawyers more engaging and experiential."

The panel also emphasised the importance of fostering industry collaborations, developing robust skill sets, and adapting to our ever-evolving world to ensure future lawyers are well-equipped to thrive in an increasingly digital world.

At the event, UPES School of Law launched a coffee table book highlighting its major milestones and alumni achievements. The institution leads in emphasising outcome-based learning, adaptability, and collaboration, integrating cutting-edge technologies to prepare students for the future.

## Seminar on "Recent Innovations in Science and Engineering for Sustainability (RISES)"

<https://research.upes.ac.in/2022/05/10/seminar-on-recent-innovations-in-science-and-engineering-for-sustainability-rises/> [2]

Type of Event: Seminar on Learning with Leaders (Hybrid mode)

Date Time : 29-11-2021 & 30-11-2021, 03: 00 pm to 4:30 pm, 9:30 am to 10:30 am

Venue :Day 1: Vivekananda Auditorium & Day 2: Laboratory Visit

The introductory note was given by Dr. D.K. Avasthi

- Discussed about the lateral thinking and creativity for all the learners which will be approaching in different sectors.
- He discussed about the theory of retaining good and discard remaining by adding a story on graphite
- He explained about the miniaturization by hydrogel. He discussed about the micrometer lens array by dewetting method.

- Usage of array of mirrors can be used to make miniatures. Array of lenses can form multiple images which is called photolithography.
- He discussed about the future of engineers which will be based upon machine learning and artificial intelligence. He explained the challenges which will bring the rise of intelligent machine which will be based upon the cyber- physical and biological components. He discussed about the circle of discovery, invention and innovation.
- He visited CIC lab, Bosch Lab, Energy Lab, Waste to Pencil Lab, Aerospace Lab and reviewed the ongoing DST funded projects in the respective labs.
- He appreciated the work and the facilities developed in the labs and the exposure given to the students and research scholars.

## Science Technology Innovation (STI) based livelihood centric development

<https://research.upes.ac.in/2023/03/06/3307/> [3]

Lecture organized by UPES R&D in association with Applied Science Cluster, UPES under the Learning with Leaders program.

### Details of the event:

- Date: March 7, 2023 (Tuesday)
- Time: 10:00 AM – 12:00 PM
- Title: “Science Technology Innovation (STI) based livelihood centric development”
- Venue: Hubble Trust
- Speaker:
- Dr Debapriya Dutta, Scientist G, Advisor & Head, SEED Division, DST, India

### About Speaker:

Dr. Debapriya Dutta completed his Ph.D from the Indian Agricultural Research Institute, New Delhi and joined the National Agricultural Research Service of the Indian Council of Agricultural Research (ICAR). He served as Scientist in the Central Soil and Water Conservation Research and Training Institute, Dehradun. He joined the Natural Resources Data Management System (NRDMS) Division of the Department of Science & Technology, Government of India in 1994 as Senior Scientific Officer-I and was serving in the same Department as Scientist ‘F’ / Director, till May, 2008. Thereafter, he was appointed as the Counselor (Science and Technology) in the Embassy of India, Washington D.C. during 2008-2012. During September 2012-2015, he assumed the responsibility of Director, Indo-French Centre for the Promotion of Advanced Research (IFCPAR), a bilateral organization to promote collaborative research between India and France in cutting edge Science and Technology. Currently, he is serving as Head and Adviser/Scientist ‘G’ in the Science for Equity Empowerment and Development (SEED), State Science and Technology Programme (SSTP) and National Geospatial Programme (NGP) divisions of the Department of Science & Technology, Government of India.

**UPES R&D In association with Applied Science Cluster, UPES  
is organizing**

**"Learning with Leaders - by Dr. Debapriya Dutta  
(Scientist G, Advisor & Head, SEED Division, DST, India)"**



**"SCIENCE TECHNOLOGY INNOVATION (STI)  
BASED LIVELIHOOD CENTRIC DEVELOPMENT"**  
(10:00 AM - 12:00 PM)



**7 March, 2023**

**10:00 AM - 12:00 PM (Hubble Trust)**

## [IPR Seminar at UPES on 17th March](https://research.upes.ac.in/2023/03/20/ipr-seminar-at-upes-on-17th-march/)

<https://research.upes.ac.in/2023/03/20/ipr-seminar-at-upes-on-17th-march/> [4]

- Details of the event:
- Date: March 17, 2023 (Friday)
- Time: 10:00 AM – 11:30 AM
- Title: "Strategies for enhancing IP commercialization from Academic Institution"
- Venue: Room 1006 (Block-1, Bidholi Campus)
- Speaker:
- Mr. Ravi Pandey, Research Establishment Officer (IP & Tech Transfer, IIT Kanpur, India)

### About Speaker:

Mr. Ravi Pandey is currently working as a Research Establishment Officer (Innovation & Incubation) at IIT Kanpur, heading the IPR & Technology Transfer office of the Institute. He is a qualified RTTP (Registered Technology Transfer Professional), and has more than 11 years of experience in IPR Management & Technology transfer including Policy development, Start-up Incubation and handholding support for product development. Mr. Pandey has formulated the Policy framework at IIT Kanpur including the Technology Transfer, Faculty & Staff Entrepreneurship policy. He has also worked as an advisor on IPR issues for the Government of Jharkhand. He was awarded with the "Outstanding Performance Award" by Startup India for promotion of Innovation related activities & given STEM Impact award by ATTP USA in 2019 and 2022. Mr. Ravi Pandey is currently managing an IPR portfolio of 1000 IPRs at IIT Kanpur and has facilitated 60 technology transfer transactions in his career. He is working as advisor for several Industries as a support in IPR Management viz. Industries at MSME & Startup level; and have been a keynote speaker at several IPR related conferences & seminars at National level.

## Seminar on “Funding Opportunities by DST”

<https://research.upes.ac.in/2022/05/10/seminar-on-funding-opportunities-by-dst/> [5]

Introductory note was given by Dr. D.K. Avasthi

- The talk covers core mandate of DST, introduction of three Umbrella Schemes of DST and glimpse of various schemes under these Umbrellas.
- The talk will focus on Infrastructure Programs of DST like, FIST, PURSE, SAIF and SATHI and provide brief about few programs of Science & Engineering Research Board which is beneficial for the Scientific Community.

### **REPORT OF WEBINAR**

**on**

#### **Funding Opportunities by DST**

<b>Title of the Event</b>	Seminar on “Funding Opportunities by DST”
<b>Organizing Department</b>	R & D Department, UPES
<b>Event Convener</b>	Dr. D.K. Avasthi, Dean R&D, UPES
<b>Event Coordinator</b>	Dr. S.M. Tauseef, Associate Dean Research, UPES.
<b>Type of Event</b>	Webinar on Learning with Leaders (Online mode)
<b>Date</b>	26-06-2021
<b>Time</b>	12:15 pm- 1:15pm IST
<b>Venue</b>	Zoom link
<b>No. of Participant</b>	<a href="https://zoom.us/j/97902231128">https://zoom.us/j/97902231128</a> 40
<b>Brief report of Proceedings</b>	Introductory note was given by Dr. D.K. Avasthi <ul style="list-style-type: none"><li>➤ The talk covers core mandate of DST, introduction of three Umbrella Schemes of DST and glimpse of various schemes under these Umbrellas.</li><li>➤ The talk will focus on Infrastructure Programs of DST like, FIST, PURSE, SAIF and SATHI and provide brief about few programs of Science &amp; Engineering Research Board which is beneficial for the Scientific Community.</li></ul>



  
**Webinar**  
**on**  
**"Funding opportunities for research**  
**by Department of Science & Technology (DST)"**  
**About the Speaker**



**Dr. Pratishtha Pandey**  
Scientist 'F' DST

Dr Pratishtha Pandey is serving as Scientist "F" in the Department of Science and Technology. She joined DST in 2008 and working in Science & Technology Infrastructure Programme. Dr Pandey was awarded a doctoral degree in Experimental Solid-State Physics from the internationally recognized Thin Film Laboratory, Physics Department, IIT Delhi in 2003. Dr Pratishtha Pandey has received her M.Tech degree in Solid State Materials from Physics Department, IIT Delhi in the year 1996. She is a recipient of the GATE-95 (Graduate Aptitude Test in Engineering) Scholarship for pursuing the M.Tech Program and has qualified National Eligibility Test (NET) conducted by the Council of Scientific Industrial Research (CSIR) in 1999. Dr Pratishtha Pandey holds R & D experience of about eight years in the Defence Research and Development Organization (DRDO). In Solid State Physics Laboratory, she has worked in the Growth and Characterization of III-V Epitaxial Compound Semiconductor heterostructures by Metal-Organic Chemical Vapour Deposition Technique (MOCVD) for growth of MESFETs, Semiconductor Laser Diode structures and Quantum Dots. Dr Pandey was also involved in Electro-Chemical Capacitance-Voltage Measurement of epitaxial layers. Currently, she is looking after the implementation of the "Fund for Improvement in Science and Technology Infrastructure in Universities and Higher Educational Institutions" scheme in Physical Sciences, Engineering & Technological Sciences, Earth and Atmospheric Sciences area and implementation of Joint Collaborative Research and Development activities between India and Research Council, the UK in different theme areas like Next Generation Communications Technology, Solar Energy and Fuel Cells. She is also involved in the "Promotion of University Research and Scientific Excellence" (PURSE) which is another flagship scheme of the Department of Science and Technology to enhance the academic performance of leading Universities in the country.

**Moderator**  
Dr. D. K Avasthi  
Dean - R&D  
UPES

**Event Details :**  
June 26, 2021 | 12 pm to 1 pm  
| Online Mode (Zoom Link)

## Opportunities for Indo-French S&T partnerships

<https://research.upes.ac.in/2022/05/10/opportunities-for-indo-french-st-partnerships/> [6]

Over 72 people took part in our seminar, 23 of which showed their physical presence in the auditorium and 49 joined by zoom link (<https://zoom.us/j/94496444738>). Dr Purnima mainly focused on the following areas:

1. Evolution and Programme Profile of CEFIPRA
2. Calls and Deadlines under Core Programmes, and Eligibility
3. Areas supported under CSPR, and Funding Support Provided
4. Industry-Academia Research & Development Programme (IARDP)
5. Raman-Charpak Fellowship
6. Indo-French Centre for Applied Mathematics (IFCAM)
7. TBD-CEFIPRA-Bpifrance
8. DST-CEFIPRA Women Post-Doctoral Fellowship Programme, etc.

Many questions were asked on behalf of research scholars, faculties, students, etc. and Dr Purnima helped to clear all the doubts of attendees. She also shared some success stories.

## Report of Workshop/Seminar/Symposia/Conferences/Invited talk and any other events

1. Name of the Event (with date)	<b>Seminar &lt; 22-07-2021&gt;</b> <b>Title: Opportunities for Indo-French S&amp;T partnerships</b> Aim: The seminar aims to highlight various programmes and activities of CEFIPRA with French & Indian researchers interested in developing research partnerships.
2. School	SOE, SOHS and SOCS
3. Department	Department of Research and Development
4. Contact Person (with contact details) (convener/coordinator/organizer/etc.)	1) Dr. Devesh Kumar Avasthi 2) Dr. Syed Mohammad Tauseef 3) Ankit Dasgotra (9267909107)
5. Photographs: (High resolution photographs)	



### SEMINAR ON OPPORTUNITIES FOR INDO-FRENCH S&T PARTNERSHIPS

**About the Speaker**



**Dr. Purnima Rupal**  
Director -IFCPAR

Dr. Purnima Rupal assumed the post of Director, Indo-French Centre for the Promotion of Advanced Research (IFCPAR/CEFIPRA) on 11 Dec 2018. Prior to this assignment, she served as Counsellor, Science & Technology at the Embassy of India, Tokyo, Japan, for three years. During her tenure in Japan, she contributed significantly towards enhancing the bilateral ST&I, space and nuclear cooperation, academic exchanges and healthcare cooperation between the two countries.

Dr. Rupal has been associated with the International S&T Affairs Directorate of Council of Scientific & Industrial Research (CSIR), New Delhi, one of India's largest public R&D organization for over 20 years and was responsible for planning, management & coordination of bilateral & multilateral science, technology & innovation cooperation programmes. Dr. Rupal has been actively associated with Indo-French S&T bilateral collaboration besides, CSIR's programmes with other European and Asian countries. She played a major role in shaping India-EI joint S&T relationship between CSIR & its European partners. She has been actively involved in formulating policy issues with respect to international benchmarking and enhancing visibility of CSIR globally. Dr. Rupal was also closely associated with capacity building exercises of the CSIR. Dr. Rupal is known for high degree of competence, analytical & problem solving abilities, networking and strong negotiation skills. She has represented CSIR at several high level S&T meetings.

Dr. Purnima Rupal trained to be a biochemist obtaining her Ph.D in Biochemistry from Panjab University, Chandigarh, India & Dr. Rupal also honed her skills in popular science writing and has authored books, articles in newspapers and magazines and edited books devoted to science dissemination.

**Moderator**  
**Dr. D K Avasthi**  
Dean R&D  
UPES

**Event Details:**  
22nd July, 2021  
10am - 12:30 pm  
Energy House Board Room & Zoom

## Photo 2:

### 1. Group photograph with banner/standee of the event in different view/location



**Abstract:** The Indo-French Centre for the Promotion of Advanced Research (IFCPAR/CEFIPRA) is India's first and France's only bilateral organization, in existence for the past 33 years, since its inception in 1987. The Centre is committed to promote collaboration between the scientific communities of the two countries in areas of mutual interest like Aeronautics and Aerospace, Artificial Intelligence, Eco-Energies, Natural Resources from plants, Agronomy & Food Process, Marine Sciences, Smart Cities/EV, etc.

#### 6. Report of the Event:

Over 72 people took part in our seminar, 23 of which showed their physical presence in the auditorium and 49 joined by zoom link (<https://zoom.us/j/94496444738>). Dr Purnima mainly focused on the following areas:

1. Evolution and Programme Profile of CEFIPRA
2. Calls and Deadlines under Core Programmes, and Eligibility
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7. TBD-CEFIPRA-Bpifrance
8. DST-CEFIPRA Women Post-Doctoral Fellowship Programme, etc.

Many questions were asked on behalf of research scholars, faculties, students, etc. and Dr Purnima helped to clear all the doubts of attendees. She also shared some success stories.



## PAC meeting on PHYSICAL SCIENCES Date: 22nd June to 25th June 2022

<https://research.upes.ac.in/2022/07/27/pac-meeting-on-physical-sciences-date-22nd-june-to-25th-june-2022/> [7]

### **PAC meeting on PHYSICAL SCIENCES-I (CMP&MS)**

**Date:** 22<sup>nd</sup> June to 25<sup>th</sup> June 2022

**Venue:** UPES

**Funding support:** Fully funded by 'Science and Engineering Research Board' (SERB)

**Sanction amount:** 11 Lakhs INR (towards air-fare, local travel, accommodation and food)



This is our great pleasure to share the note that recently PAC meeting on PHYSICAL SCIENCES-I (CMP&MS) from 22<sup>nd</sup> June to 25<sup>th</sup> June 2022 was successfully hosted at Bidholi campus, UPES. This event was fully funded by 'Science and Engineering Research Board' (SERB) who approached us recently and requested to organize the meeting. Dignitaries and high level professors (PAC members), all over India, came for the meeting for the evaluation of ongoing SERB CRG projects that were sanctioned to various Project investigators (PIs) all over India. It was our pleasure to have arranged accommodation, local travel and meeting venue (MDC (ASIA, AFRICA, AUSTRALIA)) and food for them. Accommodations for the professor and scientist were arranged at LP Vilas and Clarks. Ten PAC members and two high level SERB scientists were present, and about 40 PIs came for the progress report presentation. Breakfast/snacks and lunch were arranged at MDC centre for the members and PIs.

Apart from the PAC meeting for first three days our dignitaries accepted our request to deliver a lecture on how to write an effective project proposal despite their busy schedules. For the purpose a short (half-day) workshop was arranged for our faculty colleagues and young researchers on 25<sup>th</sup> June. Prof Praveen Kumar Somasundaram (Scientist F, DST) and Prof Vasudeva Siruguri (Professor at UGC-DAE CSR Mumbai) delivered talks on the above stated aspect. We believe the lectures are highly beneficial of drafting better proposals for future funding especially from SERB, DST, BRNS and other funding bodies.

During the event, campus tour was arranged for visiting our laboratory facilities (central research facilities). Short local visit to FRI (Forest Research Institute) was also arranged. This is noted that all the professors and scientists appreciated the research facility establishments available here in UPES. Moreover, they also appreciated FRI visits.

On final note, we would like to thank and appreciate the admin team for their support, especially Mr Rahul, Mr Michael who arranged accommodation and food, Mr Manpreet for travel, Mr Gaurav Sarpal and Ms Shikha for POs and other related works. Supports from other admin members are also appreciated who directly or indirectly involved in successfully organizing the event. We would like to thank Prof Tauseef, Prof Manish Kumar and other cluster heads, all our colleagues, research scholars and students for their presence. Our special thanks to our Dean, Prof Gurvinder Singh Virk, Dean R&D, Prof D K Avasthi, Pro-Vice Chancellor, Prof Ram Sharma, and Vice Chancellor, Prof Sunil Rai for their kind support and approval at various levels without which this event would have not been successful. Thank you very much.

## UPES-R&D organize 1st Young Researcher's Conclave on 19th & 20th Jan 2023

<https://research.upes.ac.in/2023/02/07/upes-rd-organize-1st-young-researchers-conclave-on-19th-20th-jan-2023/> [8]





An IPR Interface for Converting Research Ideas to Productive Outcomes” held on 25th April. 2022

<https://research.upes.ac.in/2022/05/09/an-ipr-interface-for-converting-research-ideas-to-productive-outcomes-held-on-25th-april-2022/> [9]

The banner features logos for UPES (University of Petroleum & Energy Studies), Research & Development, NIPAM (National Intellectual Property Awareness Mission), and CIDRI (Centre for Interdisciplinary Research and Innovation). It is associated with the Government of India, Ministry of Commerce and Industry, Department for Promotion of Industry and External Trade, Office of the Controller General of Patents, Designs & Trademarks.

**In association with National Intellectual Property Awareness Mission (NIPAM) under the initiative "Azadi ka Amrit Mahotsav" of Govt. of India**

## An IPR Interface for Converting Research Ideas to Productive Outcomes



**Dr. T. Pavan Kumar**

Senior Scientist,  
CSIR-Institute of Minerals and Materials Technology (IMMT),  
Bhuvneshwar



**Mr. Himanshu Mittal**

Examiner,  
Patents and Designs (Electrical division), Indian Patent Office,  
Delhi



**Ms. Tripti Pandey**

Examiner,  
Patents and Designs,  
Indian Patent Office,  
Delhi

**Convenors**

Prof. D.K. Avasthi,  
Dean R&D, UPES

Prof. V.K. Singh,  
Dean, School of Law, UPES

Adv. Baij Nath,  
Director, Legal, UPES

📍

**April 25, 2022  
10AM Onwards  
Vivekanand Auditorium,  
Block 1**

Speakers:

1. Mr. Himanshu Mittal (Examiner of Patents and Designs), Indian Patent Office, Delhi
2. Ms. Tripti Pandey (Examiner of Patents and Designs), Indian Patent Office, Delhi
3. Dr. T. Pavan Kumar, Senior Scientist, CSIR, IMMT, Bhuvneshwar

The R&D Department along with Centre of Interdisciplinary Research and Innovation (CIDRI), UPES Dehradun, in association with National Intellectual Property Awareness Mission (NIPAM) under the initiative “Azadi ka Amrit Mahotsav” of Govt. of India, had scheduled a one day seminar on “An IPR Interface for Converting Research Ideas to Productive Outcomes”. All the speakers were welcomed by Prof. D. K. Avasthi, Dean R&D, UPES. Around 200 faculty members and students in hybrid mode attended the session.

Mr. Himanshu Mittal started by introducing to the term IPRs. He introduced the audience with the need for IPRs and shared different possible rights available under the umbrella of IPRs. He shared the process for filing patents and forms and fees related to it. He also shared various rights conferred by the patentee and grant of patent. He emphasized on ‘protecting the inventions first before filing’. He shared the Novelty, un-obviousness and industrial applicability as the basic patentability criteria and shared what is not patentable under Indian Patent Act.

Ms. Tripti Pandey started her session by introducing to IPRs other than patents like Design, Copyright, Trade Marks and Geographical Indication. She shared that copyrights can protect the literary and artistic works. She shared the basic requirements for Trademarks, Design, GI and copyright registrations and shared some inspiring examples of each of them.



Dr. T. Pavan Kumar started his session with many encouraging examples on historic patents, funny patents, giant patents, some very cheap yet successful patents and some of the all-time famous patents like tin bottle opener. He shared the history of patenting and shared the worldwide scenario of patenting. He emphasized that India is improving in patent filing in last decade. He also shared the importance of IPRs in developed countries’ GDPs.

The speakers also visited various R&D facilities – Central Instrumentation Centre (CIC), and appreciated the work being done under various research laboratories. The speakers also appreciated the infrastructure, the kind of cutting-edge research being done, and the facilities available for students and research scholars and hospitality they received in UPES campus.

Glimpses from one-day seminar on “An IPR Interface for Converting Research Ideas to Productive Outcomes”



## Workshop on “Low-Cost Modular Raman & Fluorescence Based Spectroscopy”

<https://research.upes.ac.in/2022/05/10/workshop-on-low-cost-modular-raman-fluorescence-based-spectroscopy/> [10]

A workshop on “Low-Cost Modular Raman and Fluorescence Based Spectroscopy” was organized by Central Instrumentation Centre (CIC), UPES on Oct 07, 2021 in the Vivekananda Auditorium. Dr Ankush Vij introduced the dignitaries and welcomed all the participants. Prof Sunil K Rai (Hon’ble Vice Chancellor) and Prof Gurvinder Virk (Dean SoE) graced this occasion with their presence and also addressed the participants. Dr S M Tauseef (Associate Dean R&D) presented an overview of the research facilities available at CIC. Dr Rajendra Joshi (CEO, RI group) along with his engineers Mr Kuldeep Patel and Mr CK Patel conducted the work shop on their indigenously designed RIMS set up which they brought to UPES for practical demonstration and hands-on experience to the participants. They explained the Raman spectroscopy in very simple way along with its experimental set up. They also demonstrated absorbance, reflectance and fluorescence using same RIMS instrument. All participants attended the workshop very attentively and interacted with the industry team for their queries. The workshop was held in hybrid mode, around 70 participants including faculty members, research scholars and students were present in the auditorium and around 35 participants joined online through zoom link. RIMS set-up was also kept operational for testing research samples for Raman spectra. Many participants performed Raman experiment and around 50 samples were tested till 6:30 pm. The workshop concluded with a formal vote of thanks from Dr Prashant Rawat. The workshop was coordinated by Dr Ankush Vij, Dr Ranjeet Brajpuriya, Dr Ashish Sharma and Dr S M Tauseef.

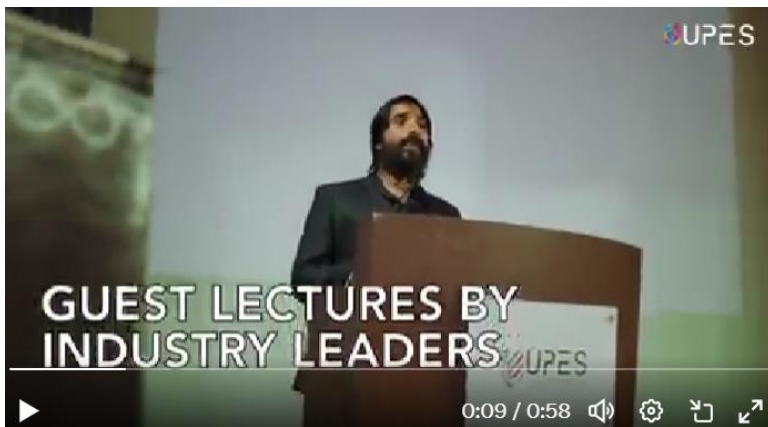
## National Space Convention Renaissance 3.0

<https://twitter.com/UPESDehradun/status/1660588617700462597> [11]



Witness the extraordinary at National Space Convention Renaissance 3.0! Catch a glimpse of the esteemed speakers, immersive exhibitions, and exhilarating events at the #UniversityOfTomorrow.

#UPES #MakeSomeSpace



## [STI capacities and Community Resilience](#)

<https://twitter.com/UPESDehradun/status/1653775447828865024> [12]

Join the virtual event showcasing India's thought leadership in building STI capacities and community resilience. Register now!

4th May 2023 | 6:00 PM -7:15 PM IST, 8:30 AM -9:45 AM (EST, New York time)

Register now!

DEPT. OF SCIENCE & TECH.  
MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
GOVERNMENT OF INDIA

UNDP

# CAN WE STILL ACHIEVE SDGs within 2030?

▶ 0:10 / 1:26 🔊 ⚙️ 📄 ↗️

DEPT. OF SCIENCE & TECH.  
MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
GOVERNMENT OF INDIA

UNDP

# HOW SCIENCE, TECHNOLOGY AND INNOVATION IS ACCELERATING EFFORTS TO BUILD BACK BETTER FROM THE ADVERSE EFFECTS OF THE PANDEMIC?

▶ 0:16 / 1:26 🔊 ⚙️ 📄 ↗️

DEPT. OF SCIENCE & TECH.  
MINISTRY OF HUMAN RESOURCE DEVELOPMENT  
GOVERNMENT OF INDIA

UNDP

# HOW STI CAN HELP IN BUILDING COMMUNITY **RESILIENCE AND STRENGTHENING LIVELIHOODS** IF THE WORLD HAS TO WITNESS FUTURE PANDEMICS SUCH AS COVID-19?

▶ 0:22 / 1:26 🔊 ⚙️ 📄 ↗️



## UPES' PGCAP Program

<https://twitter.com/UPESDehradun/status/1651428454695305217> [13]

A great teacher is someone who can entertain & educate while inspiring students to grow. #UPES' PGCAP program helps you become an effective educator & creating unforgettable classroom experiences by adopting new pedagogies, microteaching, & other techniques. #UniversityOfTomorrow

**Interactive sessions** to help educators stay ahead of the curve.

**Empowering them with tools** for memorable classroom experiences.

The **third batch of academicians** successfully completed the 11-month course.



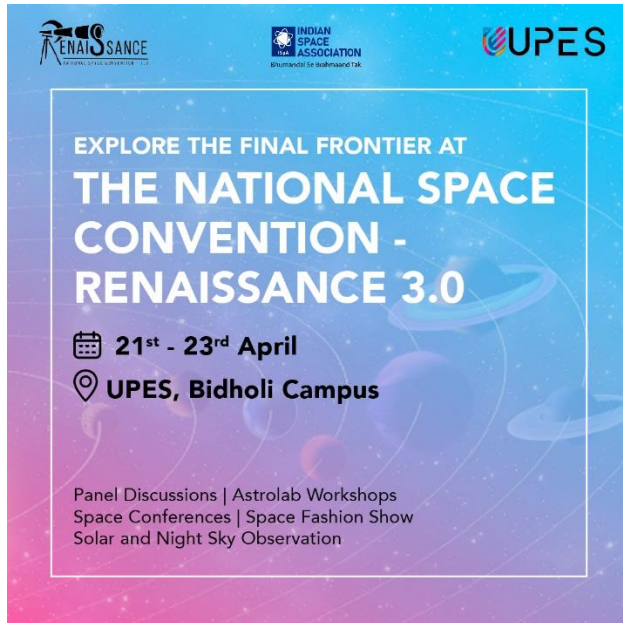
## A Spectacular Space Convention

<https://twitter.com/UPESDehradun/status/1646878475633020928> [14]

#UPES is hosting a spectacular space convention! Discover the latest research in space technology, meet like-minded individuals, and engage in lively discussions and debates with industry experts & speakers.

Register: <https://upesnsc.in>

#SchoolOfAdvancedEngineering



## UPES' Credit Transfer Program

<https://twitter.com/UPESDehradun/status/1637837678342447104> [15]

Are you looking for an opportunity to study at an international university but are unsure where to start? Look no further than UPES' Credit Transfer Program! Join our webinar and discover all that this program has to offer!

Link - <https://rb.gy/gcriik>

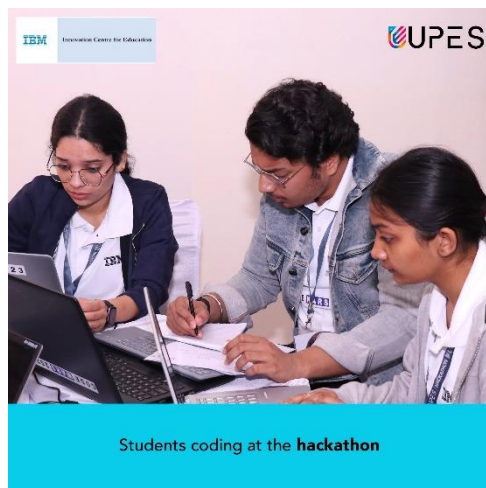
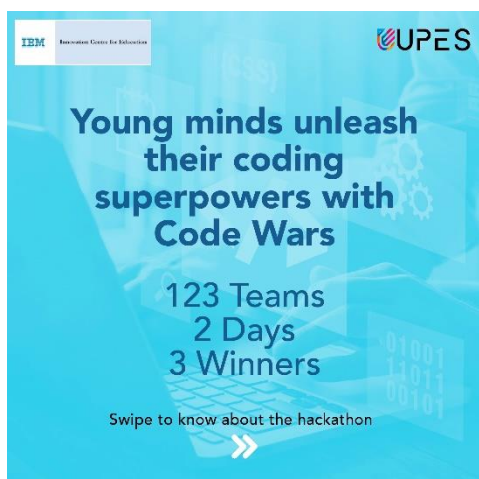
A promotional graphic for a webinar. The top section features the UPES logo and 'SCHOOL OF BUSINESS MBA' next to a world map. The main text says 'Credit Transfer Program Facilitating Progression Opportunity at'. Below this are logos for 'UNIVERSITY CANADA WEST', 'VCU', and 'GISMA BUSINESS SCHOOL'. The middle section has the heading 'Join us for an interactive session' and the subtext 'to know more about international opportunities in MBA programs at UPES'. The bottom section lists five participants: four panelists and one moderator, each with a circular portrait and their name and affiliation. The date and time 'March 24, 2023 | 4:30 - 6:00 PM' are shown in a purple bar, with a 'Register Now' button below it.



## National-level Hackathon

<https://twitter.com/UPESDehradun/status/1628821447606165504> [16]

UPES hosted a national-level hackathon in collaboration with IBM - Code Wars. Over the course of an intense 24 hours, 123 teams tackled the problem statements given by the industry on themes encompassing cybersecurity, (IoT), AI, and so on.



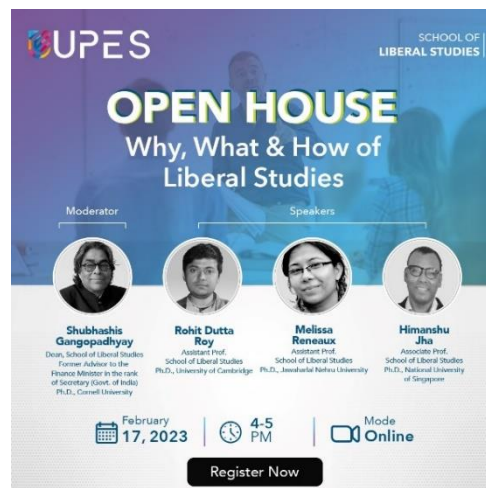
## Online Open House

<https://twitter.com/UPESDehradun/status/1626062359692480512> [17]

Register now for the online Open House to know more about the 'What, Why and How of Liberal Studies'. Interact with our experienced faculty and get answers to your questions.

Open house: 17th Feb, 4-5PM.

Register Now: <https://bit.ly/OpenHousesocialUPES>



## UPES & NASSCOM

<https://twitter.com/UPESDehradun/status/1614291641732575232> [18]

UPES & NASSCOM are coming together! A great opportunity for our students & alumni to upskill themselves. Get ready for the big event, exciting workshops, master classes, quizzes, internships & much more. Watch this space.



## Digital Humanities Discussion

<https://twitter.com/UPESDehradun/status/1613069230257369088> [19]

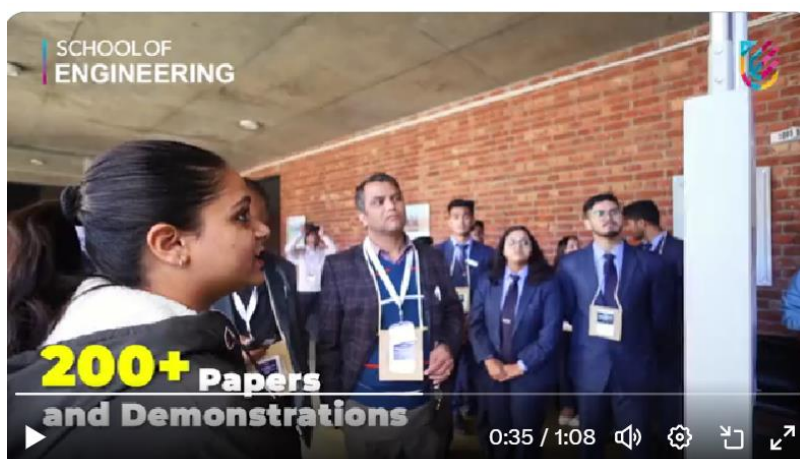
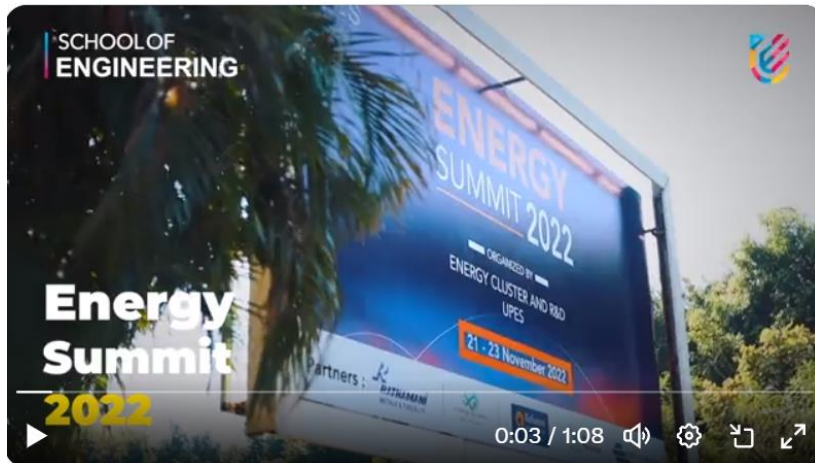
What happened when luminaries from across the globe came together to discuss Digital Humanities? Watch to know what academicians said about its future, its impact on research & the papers presented at the conference.



## Energy Summit 2022

<https://twitter.com/UPESDehradun/status/1607585981523283969> [20]

At our Energy Summit 2022, School of Engineering students interacted with global academicians & industrialists. With 1200+ participants & 200+ project demonstrations, students got an opportunity to show their zeal towards leading the nation in its quest for an energy transition.





## Hues of Holi @UPES

<https://blog.upes.ac.in/down-the-memory-lane/> [21]

UPES EDITORIAL TEAM · MARCH 17, 2022

Students celebrating Holi on campus

Students celebrating Holi on campus after two years; Picture credit: Pradeep Jagwan

From splashing colours to dancing their hearts out, UPES students celebrated Holi on campus after two years with full enthusiasm while authorities made sure that it was a happy and safe Holi for every one



One of the most-celebrated festivals in India, Holi marks the end of winter and arrival of spring. The ritual starts by lighting a bonfire prior to the day of Holi, symbolising the triumph of good over evil. The festival of colours was much-awaited by students, who celebrated it on campus after two years. Here's what they had to say about the celebrations on campus:

Kartik Khanna, MBA Logistics and Supply Chain Management student: "This is one festival that students have always looked forward to, planning it well in advance. On the day of Holi, students gather at the UPES hostel ground where everyone merrily plays with colours and water. Students dance on some famous songs as they enjoy celebrating with their friends."

Holi celebrations

Picture credit: Pradeep Jagwan

Jigyasa Pahwa, BA LLB Corporate Law student: "**Covered in colours everyone looks the same, everybody is equal, and strangers readily become friends.** UPES is my home away from home, not to mention that each festival is celebrated at the campus with great enthusiasm and zest. Holi is planned on a large scale at the campus. The authorities always make sure that it is a happy and safe Holi for each one of us. With vibrant colours, water balloons, exotic dishes, rejuvenating drinks, dance and music, we await this delightful festival. I cannot thank UPES enough for all the experiences that it has added to the book of memories of my college life."



Holi celebrations

Picture credit: Pradeep Jagwan

Rebecca Mishra, BA LLB Criminal Law student: “The general perception towards festivals is that they have a predefined ritual. In the context of Holi, it is playing with gulal and eating hot fritters while dancing to rambunctious dhol beats. Well, UPES does all that and more! UPES students celebrate the festival with such gusto that that no one misses their near and dear ones. It is like having a small family away from home.”

## [UPES collaborates with NGOs to celebrate the joy of giving](https://blog.upes.ac.in/upes-collaborates-with-ngos-to-celebrate-the-joy-of-giving/)

<https://blog.upes.ac.in/upes-collaborates-with-ngos-to-celebrate-the-joy-of-giving/> [22]

EKTA KASHYAP · OCTOBER 28, 2021

An NGO displaying products made by the underprivileged at the UPES fair

Spreading cheer among the underprivileged, UPES Social Internship Team in collaboration with Dehradun-based NGOs organised a two-day fair, which displayed products made by orphaned children, marginalised women and promising artists

Sometimes, the biggest changes begin with a simple act of selflessness. Lives can be transformed, and futures built by restoring hope among the most vulnerable. Such deeds are anything but ordinary.



To celebrate the spirit of giving, UPES' Social Internship Team under the Career Services Department organised a two-day fair, wherein Dehradun-based NGOs exhibited their products made by the underprivileged communities. Other attractions included 'Rangoli-making' competition, 'Best-out-of-waste' contest and a 'nukkad natak'.

Image credit: Law student Divya Vasudev

The Diwali Mela was held on October 26 at the Kandoli campus and October 27 at the Bidholi campus. Displayed products included exquisite handicrafts, candles and other gift items.

Products made from waste

Ayurvedic Product







The response of students and faculty was overwhelming as they came out wholeheartedly to support the cause.

A student performing at the 'Diwali mela'; Image credit: Divya Vasudev

BBA LLB student Divya Vasudev was happy that she got a chance to give back to the society and connect with various NGOs. She says, "We need to bring consciousness to remove unconsciousness from within us; we need to bring wisdom to remove ignorance from within us. This can happen if we all help each other in whichever way we can."

Highlighting the intention behind the fair, Kirti Chandani, student of School of Computer Science, says, "The main motive of this initiative was to help less privileged people and small-scale business by promoting their work. UPES gave a wonderful platform to them for showcasing their work."



The profits earned were channelized towards social causes of the participating NGOs such as:

- I.D.E.A.L Foundation: Inclusive Development for Education and Learning (I.D.E.A.L) is an initiative formed and led by activists from different spheres of life. It works towards climatic resilience and conservation of environment by focusing on building sustainable societies.
- Building Dreams Foundation: Promoting the social development of disadvantaged children and communities, Building Dreams Foundation serves the deprived sections in India. Their focus areas include food, education, environment and empowerment.
- Him Foundation: The institution was established in the year 2013 to bridge the gap between contributors and the underprivileged. Anybody who wants to help others can freely walk into their centre and discuss the ways in which he/she can contribute towards the cause they care for.
- Shuruwat Foundation: This NGO has been working consistently on some of the most pressing issues of society such as education, environment protection, animal welfare and healthcare. Their list of initiatives includes Shuruwat ki Paathshala that promotes education among the disadvantaged groups; creating awareness on cleanliness and environmental protection among the local residents; supporting street animals by providing them food and shelter; and organising regular events and camps with doctors and health experts to facilitate proper medical help to those who cannot afford to pay for medical facilities.
- Vichar Samiti: This NGO works towards improving ecological, economic, social as well as cultural aspects of the lives of the needy. They aspire to create a model of sustainable,

participative development through awareness and social action for overall growth leading to better living standards.

Through such programs, UPES intends to do its part for the community and inculcate among students a sense of compassion. To make the world better, education must be inclusive and equitable and work towards eliminating all forms of discrimination.

## [It is time to get inspired at the 'Leadership Conclave' 2021](https://blog.upes.ac.in/it-is-time-to-get-inspired-at-the-leadership-conclave-2021/)

<https://blog.upes.ac.in/it-is-time-to-get-inspired-at-the-leadership-conclave-2021/> [23]

EKTA KASHYAP · AUGUST 9, 2021



(L-R) UPES students Disha Tripathi and Anmol Singhal, lead organizers of 'The Leadership Conclave 2021'

The two-day event, being organised by student team 'Fearless Falcons', will be held on August 28-29 and will feature prominent leaders and students from across the country

Since the inception of the UPES School for Life – an institution that nurtures students to develop comprehensive skills for personal and professional success – several students have undertaken projects with the intent to create a profound impact in the world around them.

That these change-makers are so young only makes their passion to lead much more impressive. At a time when the global problems are on a surge, it is essential – and refreshing – to see Generation Z take charge.

'Fearless Falcons' is one such cohort of students who are helping the youth to 'find their fire'. Led by UPES students Anmol Singhal and Disha Tripathi, the team is organising a 'Leadership Conclave' under the banner of School for Life. The team members working for the event include Aditya Pilani, Aryan Deopa, Ayush Patidar, Falguni Soni, Hinika Shail, Vagisha Khandelwal, Mrityika Bajaj, Himali and Harsh Baranwal.

The virtual seminar will be held on August 28-29, 2021, and will witness the participation of eminent leaders and students from across the country. The recorded sessions will be premiered on the Fearless Falcons' YouTube channel.

Detailing the schedule of the conclave, Team Lead Anmol, who is studying Computer Science and Engineering with a specialisation in AI and ML, says, “Day 1 will feature several prominent guest speakers who will discuss their insights on leadership; on day 2, a variety of meaningful activities will take place. For the event, we are receiving registrations from students of various institutions such as BITS Pilani and Indian Institute of Management.”

Activities on Day 2 include:

1. Stock Triumph: A combination of fate, skill and strategy, ‘The Stock Triumph,’ is a game based on the stock marketplace that will allow students to put their talents to the test using news flashes and real-time data.



2. Pitch Arena: Students will present their business model/start-up idea and let the audience scrutinize and decide the best pitch.



3. What Would You Do: A three-round contest in which students will face intense and challenging scenarios. Quick decisions will have to be made to win the contest.



For Anmol and Disha, leadership is an act of improving each other’s lives, and having interactions with pioneering mentors will help students find their path. “We think that a mentor or a leadership figure will enhance the students’ capabilities and drive them to do what they really want to do,” says Associate Team Lead Disha, a student of B.Tech. Food Technology.

Outlining the purpose behind organising the event, she adds, “The main target audience are the students who are trying to find their purpose in life and also bring about a change in the process. Even if one lesson from a mentor does that for one student, the event will be a success.”

A strong sense of self is evident as they speak – a trait they attribute to the role models in their families. “I look up to my father. If one day I can become even an iota of the person he is, it will be a huge achievement for me,” Anmol says. For Disha, her grandmother is her inspiration. “My grandmother lost her father when she was very young. Despite the hurdles, she paved her way and became successful in her field. She retired as the principal of a school.”

So what are you waiting for? Get ready to be inspired.

For event details and registration, please visit [https://docs.google.com/forms/d/e/1FAIpQLSfE9j-1LDCzLzgnl1igXm5QgH1TacdUk1f5vtwrgd\\_DtBcWQA/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfE9j-1LDCzLzgnl1igXm5QgH1TacdUk1f5vtwrgd_DtBcWQA/viewform)

<https://www.youtube.com/watch?v=ORQZEd9EdUc>

The Leadership Conclave 2021 – Teaser

## [9 engineering projects at UPES that created a social impact](https://blog.upes.ac.in/9-engineering-projects-at-upes-that-created-a-social-impact/)

<https://blog.upes.ac.in/9-engineering-projects-at-upes-that-created-a-social-impact/> [24]

DIANA GEORGE · DECEMBER 22, 2021

UPES School of Engineering students demonstrating drone technology

UPES School of Engineering students demonstrating drone technology

The students of UPES School of Engineering showcased projects on drones, waste management, women empowerment, water security and fire and safety, among others



Students of UPES School of Engineering recently showcased nine highly ambitious flagship projects at five of the University’s adopted villages – Bidholi, Bishanpur, Upper Kandoli, Pondha and Donga. The projects were named Flying Cars, Electric Cycle, Waste Management, Water Security, First Aid, Fire and Safety, Women Empowerment through Cultivation of Medicinal and Aromatic Plants, Solar Driers and Biochar Bio Briquette.

In his address to the gathering, Vice-Chancellor Dr Sunil Rai thanked the Panchayat and the Gram Pradhans for providing UPES with an opportunity to help the villages. The Dean of the School of Engineering, Professor Gurvinder Singh Virk took the opportunity to explain the projects to the community members and thanked the faculty and the students for undertaking projects which will help the villages.

### Flying Cars

Under the Flying Cars project, the students demonstrated drones to the audience to show them how UAVs (Unmanned Aerial Vehicles) can help with community life by transporting materials like medicine and food as well as aiding agricultural activities. The project aims to develop flying cars as a future mode of transport.



## Electric Cycle



This project plans to convert ordinary bicycles into electric ones which can be highly useful in hilly and mountainous areas. These cycles come with a chargeable battery system that can last a distance of 20-25 km and recharge while going downhill.

## Waste Management



Under this project, the students showed different methods to reduce waste production, such as recycling biodegradable waste to make compost. They also spoke about different types of waste materials and the correct methods for their disposal.

## Water Security



Water Security aims to provide clean drinking water to everyone in the village. Students showcased a novel water filter that uses dried orange and sugarcane peels to purify water. The peels soak up the impurities making the water fit for drinking. The project plans to install eco-friendly filters in every house in the village.



## First Aid

As part of the First Aid project, the students gave a brief presentation on various first aid equipment. They demonstrated CPR and other safety measures. In future, the project aims to provide 24\*7 immediate medical assistance.

## Fire and Safety

The students conducted a mock drill, providing insights on what safety steps should be taken during a fire.

## Women Empowerment Through Cultivation of Medicinal and Aromatic Plants

Students spoke about different medicinal plants that are easily available in the village such as chamomile, stevia, tulsi and lemongrass which women can use to manufacture medicines and cosmetics and become financially independent. The project aims to develop natural products and reduce the use of high-cost chemical products.

## Solar Dryers



Solar dryers will be used to remove moisture from household food items like cereals, vegetables and pickles. The device runs on solar power and has various fan speed levels which help in quick drying. It saves time and space and is cost-efficient.

## Biochar Bio Briquette

Biochar Bio Briquette is an alternate energy source that is efficient and produces less smoke. The briquettes are made of half-burnt wood and cow dung which will convert orange flames to blue flames with less smoke. Biochar Bio Briquette aims to use energy sources that can prevent health-related problems.

## [India's Missile Woman Interacts with Students](https://blog.upes.ac.in/indias-missile-woman-interacts-with-students/)

<https://blog.upes.ac.in/indias-missile-woman-interacts-with-students/> [25]

BY A CORRESPONDENT · MARCH 8, 2020

Distinguished Scientist and Director General-DRDO Dr. Tessy Thomas visited UPES recently for National Space Convention 2020

Uttarakhand witnessed its second National Space Convention, Renaissance 2.0 in collaboration with Uttarakhand Science Education and Research Centre (USERC), Space Generation Advisory Council (SGAC) of United Nations and SPACE

INDIA,organised by Infinity Space Club, the Department of Aerospace Engineering, UPES. The inter-



university national-level space convention took place in UPES, Dehradun, with the support of its media partner, World of Science, and sponsors, CADD and Rocketeer India.

Among the dignitaries present at the event were Shri Kusum Lata Sharma, Director of Ministry of Civil Aviation, Mr. Tarun Sharma from Space India, Delhi, Mr. V.M. Chamola, Ex-Director, Human Resource at Hindustan Aeronautics Limited (HAL), and Dr. Durgesh Pant, who is among the earliest adopters and pioneers of Computer Science and Information Technology and is currently the Director of Uttarakhand Science Education and Research Centre (USERC).

Missile Woman speaks on leadership skills

The audience was captivated when Dr. Tessy Thomas, the Missile Woman of India, stepped on the podium to give her remarks. She is currently the Distinguished Scientist and Director General at Defence Research and Development Organization (DRDO). Dr. Tessy was the Project Director for AGNI-4, becoming the first woman in India to lead a missile project in the country. She presented the young minds with a presentation on Intercontinental Ballistic Missiles, an introduction about the ongoing ISRO projects and development on missiles and lastly, India's Aerospace industry's progress on a global level.

Speaking about the qualities that make a good leader, Dr. Thomas said: "A leader should take his subordinates along and not just dominate them. He or she should be ready for every challenge and try and protect their team like their own family. A leader should be well-prepared for tackling any situation. He should know the plus points of his subordinates and focus on them to get the best out of them!"

This interaction was followed by flagship and non-flagship events such as Endeavour (treasure hunt), Destinesia (space quiz), Astrometrica (workshop) and webinar session with NASA scientist, Marcos Pena, the man behind the Artemis mission.

National Space Convention

Renaissance, the National Space Convention, was a brainchild of the students of Infinity Space Club.

UPES Aerospace Engineering Department

This department has, over the years, promoted various teams, clubs and students to partake in various activities that promote the research and development of Space systems. UPES, Team Astral under the department of Aerospace Engineering has over the years secured top ranks on the global scale and also making India proud by securing the first rank at the CanSat competition organized by the American Astronautical Society which tests the electronic and mechanical systems of a canister sized satellite with weight and size constraints. Another team of the same department, Team Agastya makes breakthrough in the Aeronautical domain by partaking in the world's best aero design challenge organized by the American Institute of Aeronautics and Astronautics. There are also other teams like team Odyssey and team Tesseract which are setting benchmarks in the Singapore Space Challenge and winning the Lockheed Martin Roll on Roll off Challenge. Apart from these UPES also encourages students pursuing research in the field of space sciences and clubs like Infinity Space Club and Aeroclub that promotes the education of this science.

Renaissance, the National Space Convention, was a brainchild of the students of Infinity Space Club. The idea of conducting a one-of-its-kind national space convention for the first time in 2018 was nurtured and nourished by the continuous support from the UPES Administration: Dr. Kamal Bansal, Dean of Academic Development and Innovation and School of Engineering, Dr. S.J. Chopra, the

Chancellor of UPES, Department of Aerospace Engineering, which has been a constant pillar of strength for Infinity Space Club, especially Dr. Sudhir Joshi, Head of Department and Faculty Mentors, Mr. Zozimus Labana and Mr. Vipin Kumar.

## Celebrating the young musicians of UPES

<https://blog.upes.ac.in/celebrating-the-young-musicians-of-upes/> [26]

MANSHA DHINGRA · JUNE 22, 2021

On this World Music Day, let us look at the music clubs of UPES, their long list of accomplishments, and their journey so far

World Music Day or Fête de la Musique is an annual celebration that takes place on June 21 to honour amateur and professional musicians. On this World Music Day, let us look at the music clubs of UPES, their long list of accomplishments, and their journey so far.



Lazarus; the Performing Art Society of UPES has been ranked in the top ten cultural societies by the brand Realme. The members of Lazarus have more than seven bands and participate in solos, duos, and trios as well. Members have performed on many prestigious platforms such as Mussoorie Winter Carnival, Maldevta Paragliding Festival, World Integrity Centre (WIC), MTV Beats, Red FM, Colours TV, Sony Music, the annual cultural fest of Uttarakhand, UPES Pre-Convocation, and many more. Apart from these, the society also performs at local cafes, conducts workshops, and invites professional musicians for sessions.

Says, Dr. Monika Manglik, Chief Club Coordinator of School for Life club, “UPES family encourages students to not only excel academically but also learn to value the simple pleasures of life such as music and dance. The music society of UPES has been one of the most successful cultural societies over the last few years. The society consists of a convenor and then among the student members, it has President, Vice President, and General Secretary. The society participates in all the prestigious competitions all over the country and non-competitive gigs and concerts as well. Our only aspiration in the years to come is that we remain true to our roots, achieve greater heights, and continue to win people’s hearts.”

Vultus-Amogh is the official music band of UPES. Formed with four people in 2017 it consists of guitarists, drummers, vocalists, EDM producers, instrumentalists, and lyricists. Members of the society raised funds by performing at cafeterias across Dehradun to expand their repository of musical instruments. The band has performed at IIT Roorkee, Mood Indigo, Radio Mirchi talent hunt, MTV talent hunt show, and other events. The band has been the winner of ‘URJAA-War of Bands’ for two consecutive years (2015-2016). The band also reached the finals of ‘Business Conclave 2019’, and ‘Ignite – Talent Hunt’.

Some other bands at UPES are Dead wing, Prayas, Malang, Polite Devastation, Varchasva, Reverb, Orion, Crumbled dreams, and Paracosm.

On the selection procedure, Yash Pandey, from Amogh band says, “To be a member, applicants go through three rounds of the audition. In the first round, they have to sing a song of their choice; in the second they have to sing a song of the society panel’s choice, and then finally give an oral test which

checks their knowledge of music. The whole process takes about five days. Tonality, pitch, and pronunciation are extremely important to be a member of Lazarus.”

“The society covers several genres of music, from jazz to pop, and many others. The team participates with full zeal at all university functions. The members work hard and strive to participate in inter-college competitions. Students are also encouraged to participate in workshops to increase their knowledge of music and expand not just as a choir, but as individual musicians as well,” says Priyansh Bhargava, member of the rock band.

Ashmit Dubey from Amogh group says, “Band members hold regular jamming sessions and engage with the audience on social media platforms and YouTube. We practice a lot by ourselves, as our focus is the competitions. Team-building activities and rigorous practise sessions are held frequently. Moreover, the society is not led by an individual alone. All members are equal partners and the band is a collective effort.”

## [UPES Organises 24-hour Long Hackathon; Participants from 11 States](https://blog.upes.ac.in/upes-organises-24-hour-long-hackathon-participants-from-11-states/)

<https://blog.upes.ac.in/upes-organises-24-hour-long-hackathon-participants-from-11-states/> [27]

BY A CORRESPONDENT · MARCH 9, 2020



Three outstanding teams from the hackathon were chosen for direct participation in IEEE International Hackathon YESIST, to be held in Malaysia in 2020.

The most-awaited coding event of UPES, ‘UHackathon 2.0’ took place on February 28 and 29, 2020, in Bidholi Campus, Dehradun. According to the event convener, Chandra Mani Sharma, and co-conveners Sugandha Sharma and Dr Shweta Mongia from UPES School of Computer Science, the event registered participation of more than 50 teams from 11 states of the country. Winners received prizes worth INR 1 lakh. Three outstanding teams from the hackathon were chosen for direct participation in IEEE International Hackathon YESIST, to be held in Malaysia in 2020. Some of the participants also got the opportunity for internships from CppSecrets.com and Amptech Software.

The event was inaugurated in the presence of Dr. MSM Rawat, Advisor to Uttarakhand Government, Ministry of Minister of Higher Education; Mr. Avelo Roy, Managing Director, Kolkata Ventures; Dr. Veena Dutta, Registrar UPES; Dr. Manish Prateek, Dean, School of Computer Science; Dr. T.P. Singh, HOD- Informatics; and other eminent guests from the industry.

The inaugural ceremony started with lamp-lighting by the guests and the dignitaries, followed by Saraswati Vandana. The Chair of the event Prof. (Dr.) T.P. Singh gave the welcome address. Dr. Veena Dutta enlightened the participants and the guests about the achievements of UPES. Chief Guest, Prof. (Dr.) MSM Rawat, motivated the participants to excel in their field. Eminent Guest, Mr. Avelo Roy, an eminent start-up mentor, addressed the students to inculcate humanitarian values and excel as Technopreneurs.

Mr. Roy also gave an expert talk on 'Technical Entrepreneurship and Incubation' to young and energetic future start-up enthusiasts.

The Hackathon was declared open at 12 noon. The first evaluation of teams was done at 3 pm on the same day, second evaluation took place at 11 pm and the third evaluation started from 10 am on the second day. Out of 53 teams, only the best ones could make it to top 12 teams.

Team 'The Hack Squad' T296 from SIB Institute, Karnataka, won the 1st position by creating a 3D model to create an extended version of virtual reality and give realistic feedback to the user, winning money prize of Rs.30,000, trophy and medals, among other goodies.



Team 'The Hack Squad' T296 from SIB Institute, Karnataka, won the 1st position

The second position was bagged by team T380 from UPES, Dehradun, for the Smart Helmet idea, winning a cash prize of Rs.20,000.

The third position went to team T395 from Silicon Institute of Odisha, winning a cash reward worth Rs.10,000.

Several other teams won prizes by Xebia under various categories, criteria, such as the most innovative idea, most agile team, most hardworking team and most promising team.

Best Innovative Idea Award- T171- Overlocked Brains- SVIT Gujarat

Agile Team Award- T113- Chitkara University, Punjab

Most Hardworking Team Award- T257- Tech Squad- UPES

Most Promising Team Award- T80- Annihilators- Banasthali Vidhyapeeth, Rajasthan

Out of the top 12 teams, three teams won direct entry into IEEE YESIST Hackathon Final Round to be held in Malaysia. The three teams included one from UPES which implemented the idea of Smart Helmet, an IoT-based helmet that would help in prevention of road accidents, the second team from



Silicon Institute of Odisha presented a driver alert system using sensors and image processing, while the team from Chitkara University presented an iOS/Android app to deal with disaster management.

Besides the above prizes, Best Institute, Dehradun Campus Ambassador Award went to Manjot Singh from Alpine.

The Best Student Volunteer award went to Harshit Gupta of B. Tech CSE Big Data Specialization 6th Semester, UPES.

The Expert Jury of UHackathon 2.0 consisted of Mr. Avelo Roy; Mr. Manjit Singh and Mr. N Krishnan from IBM; Mr. Laurence Djengo and Mr. Saurabh Sodhi from Xebia; Mr. Saroj Kumar from ESIC; and Mr. Ramneek, Regional Head, IEEE YESIST.

Faculty of School of Computer Science – Bhavna Kaushik, Dr. Anjali Gautam, Ninni Singh, Shubhi Sharma, Richa Choudhury, Dr. Hitesh Kumar Sharma, Dr. Hukam Singh Rana, Mr. Deepak Kumar Sharma, Mr. Abhijit Kumar, Rahul Singh, Anupam Singh, Amarendra Nath Tripathi, Amar Shukla, Amit Singh, Pankaj Badoni and Sandeep Singh – were part of the organising committee.

The judges shared some tips and tricks with the students to be used in challenges like Hackathon. Mr. Himanshu from Radon congratulated the winners.

Student Volunteers

Student Convener and Student Co-Convener -Harshit Gupta and Nishtha Grover

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Associates

STPI, Xebia, IBM, International Association of Professional and Fellow Engineers, International Accreditation Council for Conference and Professional Excellence, Indo-UK Confederation of Science, Technology & Research Ltd, Indian Engineer Teacher Association, ThinkBig Data Community.

## UPES Sways to American Bluegrass

<https://blog.upes.ac.in/upes-sways-to-american-bluegrass/> [28]

BY A CORRESPONDENT · MARCH 4, 2020



The crowd at Bidholi Campus cheered as The Bluegrass Journeymen belted out their peppy compositions, including some popular Bengali songs and romantic Bollywood hits

The University of Petroleum and Energy Studies (UPES), Dehradun, hosted American band The Bluegrass Journeymen (TBJ) for a performance at its Bidholi campus on March 3, 2020. The event was organized in collaboration with the US Embassy in India.

Besides their regular tracks, the eight-piece band also sang Bengali Bluegrass songs. Their infectious music held the audience in thrall as the band's lead Patrick Fitzsimons belted out a Bluegrass version of Shah Rukh Khan's iconic romantic song 'Tujhe Dekha To Ye Jaana Sanam' from his magnum hit Dilwale Dulhania Le Jayenge (1995). The crowd also got to enjoy country, old time, jazz, swing and plenty of other influences blended in their tunes.

The band line-up included the band's founder Patrick Fitzsimons on the mandolin and vocals, Billy Cardine on the Dobro Resonator Slide Guitar, Shaun Nicklin on the banjo and vocals, Andrew Conley on the cello, Coleman Smith on the violin/fiddle, Summers Baker on the guitar and vocals, and Jean-Luc Davis on the bass. Also accompanying the band was Kolkata-based artist Nabanita Sarkar on the Ukulele and vocals, and the band's manager Elliot Siff.

Bluegrass music has roots in traditional English, Scottish and Irish ballads and dance tunes, and African-American blues and jazz. It was developed in the 1940s in the United States region. This genre derives its name from the band Bill Monroe and the Blue Grass Boys. Instruments like banjo, mandolin and fiddle are an integral part of the Bluegrass genre.

The Bluegrass Journeymen is a collective of musicians from and around Denver, Colorado, with an aim to present traditional American Bluegrass Music to the world. They visited UPES as part of the US Embassy's 'Building Bridges through Bluegrass' initiative.

The Embassy delegation was led by Catherine Fischer, Public Diplomacy Officer for the Embassy's North India Office, and her colleague Robin Bansal, Cultural Affairs Specialist with the same office.

The event concluded with a vote of thanks by (Prof.) Dr. Ajay Prasad, Head of Computer Applications, School of Computer Science, UPES.

