# Table of Contents

| 4.3.3 Does your university as a body host events at university that are open to the general puexecutive education programs (this refers to short courses for people who are not attending |      |
|---|------|
| university; this specifically excludes courses like MBA) and/or vocational training?  | 2    |
| Training workshop on Essentials of Pitching   | 2    |
| Training workshop on From Idea to Funding: Roadmap to Winning Startup Grants  | 2    |
| Training workshop on Business Model Canvas  | 3    |
| Training workshop on Deciphering the Financial Landscape  | 3    |
| Join us at CIDRI's Workshop: "Bridging Horizons: Navigating Translational Research in Healthca  | re"3 |
| Learning with Leaders- with Prof Harpreet Singh Arora on "Tailoring the Surfaces for Multi-<br>Dimensional Applications"  | 4    |
| Essentials of Research Article Writing by Dr. Vinita Saroha on 1 July 2021  | 5    |
| Biosensors in healthcare: Concepts, techniques & applications   | 5    |
| Interaction Session with Prof. B.R. Mehta, Ex. Dean R&D, IIT Delhi  | 6    |
| Mr. Jayant Sahasrabudhe talk on "Role of Indian Scientists in Freedom Struggle"   | 7    |
| Details of the speaker:   | 8    |
| Seminar on "Education and Research Leadership at National Institute of Aerospace/NASA-LaRC<br>Prof. Sudip Sen on Tuesday 6th September 2022, from 10:30am and 11:30am                     | •    |
| Workshop on "Low-Cost Modular Raman & Fluorescence Based Spectroscopy"  | 10   |
| UPES' PGCAP Program   | 10   |
| Hosting a Spectacular Space Convention  | 11   |
| India's Active Citezenship in Global Perespective   | 12   |
| Build to Scale  | 12   |
| Metaverse and the Future of Education   | 13   |
| Evolution of the Indian Military  | 13   |
| 'Tête-à-Tête with a UPESite'  | 14   |
| Digital Sketching Workshop  | 14   |
| TECHTASTIC workshop   | 15   |
| Design Thinking in Solving Problems in Public Spaces  | 15   |
| Runway - UPES incubator   | 16   |
| It is time to get inspired at the 'Leadership Conclave' 2021  | 16   |

4.3.3 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?

## Training workshop on Essentials of Pitching

### Pdf Evidence 1

Mr. Uday Chatterjee shared insights on achieving success in startups, highlighting the importance of uniqueness, effective pitch preparation, and understanding investor expectations. He discussed current booming sectors, common startup mistakes, and the significance of storytelling. The session concluded with a Q&A, offering practical advice for securing investments.





# <u>Training workshop on From Idea to Funding: Roadmap to</u> Winning Startup Grants

### Pdf Evidence 1

Mr. Naman Gandhi's session, "From Idea to Funding: Roadmap to Winning Startup Grants," provided startups with key insights into securing grants. He shared his journey with Techyon Automotive, detailed the grant application process, and offered a list of government grants. The interactive Q&A offered practical advice and solutions.





### Training workshop on Business Model Canvas

Mukesh Kestwal introduced the Business Model Canvas (BMC), detailing its components: Customer Segments, Value Propositions, Channels, Customer Relationships, Revenue Streams, Key Resources, Key Activities, and Cost Structure. He showcased a startup's BMC, followed by a Q&A session, equipping participants with insights to refine their business models.





### Training workshop on Deciphering the Financial Landscape

Mr. Akash Khanduja's workshop provided crucial guidance on startup finance and legal structures. Key topics included tax legal structures, the tax audit process, GST registration, and various funding methods like CCD, equity, and loans. He discussed equity dilution and do's and don'ts for funding. The Q&A session clarified attendees' queries, offering practical insights for navigating financial and legal challenges.





# Join us at CIDRI's Workshop: "Bridging Horizons: Navigating Translational Research in Healthcare"

https://www.linkedin.com/posts/upes-soae translationalresearch-healthcareinnovation-activity-7165553407787819008-f9VR/?utm\_source=share&utm\_medium=member\_desktop



Date: February 27, 2024

Venue: Hubble Trust, UPES

© Objective:Explore the vital role of translational research in advancing healthcare. Gain insights at the intersection of medical knowledge, technology transfer, and funding support.

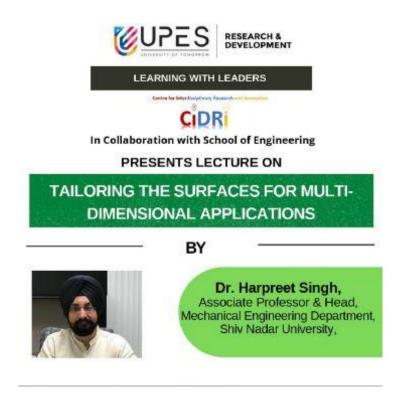
### **Q** Key Highlights:

- Renowned experts sharing insights into translational research.
- Medical doctors sharing impactful clinical experiences.
- Technology transfer strategies for academia-industry collaboration.
- Funding opportunities from representatives of esteemed bodies.

Don't miss this opportunity to be part of cutting-edge discussions shaping the future of healthcare!

Learning with Leaders- with Prof Harpreet Singh Arora on "Tailoring the Surfaces for Multi-Dimensional Applications"

 $\frac{https://research.upes.ac.in/2023/02/20/learning-with-leaders-with-prof-harpreet-singh-arora-ontailoring-the-surfaces-for-multi-dimensional-applications/\ [1]$ 



# Essentials of Research Article Writing by Dr. Vinita Saroha on 1 July 2021

https://research.upes.ac.in/2023/02/20/essentials-of-research-article-writing-by-dr-vinita-saroha-on-1-july-2021/ [2]



Biosensors in healthcare: Concepts, techniques & applications <a href="https://research.upes.ac.in/2023/02/20/biosensors-in-healthcare-concepts-techniques-applications/">https://research.upes.ac.in/2023/02/20/biosensors-in-healthcare-concepts-techniques-applications/</a>



# Interaction Session with Prof. B.R. Mehta, Ex. Dean R&D, IIT Delhi

https://research.upes.ac.in/2022/05/10/interaction-session-with-prof-b-r-mehta-ex-dean-rd-iit-delhi/ [4]

Address and Presentation by Prof. B.R. Mehta, Emeritus Professor, IIT Delhi shared his views on the importance of increasing funded and sponsored research in the universities. In his address prof. Mehta covered the following points.

- At the start of his presentation, he shared his experience as faculty and research dean in IIT Delhi. He also shared his individual and institutional perspectives.
- Prof. Mehta also showed the development of sponsored research and growth of Ph.D. students in IIT Delhi during his tenure.
- He informed that an individual should submit a project for their particular autonomy, for growing strong connections with national and international peers.
- It also provides important feedback to your research and for personal focus & initiative.
- For Ph.D. students, it gives a learning experience useful for employment and gives a focus to the Ph.D. work.
- He said that a good project is as important as a good publication.

• Later on, he discussed the success rate of projects in different countries on a percentage basis. He shows that in India during 1990-2010 the rate was 80-90% but during 2020 it gets decreased to 20-30%. Whereas the success rate in USA and Germany is about 10-20%.

# Minutes of Meeting Interaction Session with Prof. B.R. Mehta, Ex. Dean R&D, IIT Delhi University of Petroleum and Energy Studies Dehradun

**Dated:** December 14<sup>th</sup> 2021 **Venue:** energy House Board Room

### **Attendees:**

Associate Dean R&D, Cluster Head SoE, and Faculty Members from across the schools.

### The key point discussed:

- 1. How to get funds and perform sponsored research?
- 2. Why should an individual submit a project?
- 3. What is the success rate of projects in different countries?
- 4. How to form a research group?
- 5. When should one start project-based research?

### **Schedule:**

| Task   | Time        |
|--|-------------|
| Welcome Address by Associate Dean R&D        | 04:00-04:15 |
| Address Prof. Mehta                          | 04:15-05:00 |
| Q/A by faculty members and research scholars | 05:00-05:20 |
| Vote of thanks by Cluster Head, SoE          | 05:20-05:30 |

Mr. Jayant Sahasrabudhe talk on "Role of Indian Scientists in Freedom Struggle"

https://research.upes.ac.in/2022/09/02/3080/ [5]





Centre for Interdisciplinary Research and Innovation

#### INDIAN KNOWLEDGE SYSTEMS

IN COLLABORATION WITH

APPLIED SCIENCES CLUSTER

AND

CENTRE FOR INTERDISCIPLINARY RESEARCH AND INNOVATION (CIDRI)

PRESENT SEMINAR ON

# ROLE OF INDIAN SCIENTISTS IN FREEDOM STRUGGLE

BY



**Mr. Jayant Sahasrabudhe,**National Organising Secretary at
Vijnana Bharati, India

DATE

SEPT 2, 2022

TIME

03:00 PM ONWARDS



VIVEKANAND AUDITORIUM

Mr. Jayant Sahasrabudhe, National Organising Secretary at Vijnana Bharat, India is visiting Dehradun for attending a meeting related to vigyan bharti, Uttarakhand. Mr. Jayant Sahasrabudhe will deliver a talk on "Role of Indian Scientists in Freedom Struggle" is schedule tomorrow 2nd Sep 2022 from 03:00 PM to 04:00 PM at Vivekananda Auditorium. Our Hon'ble Vice-Chancellor has kindly consented to moderate this session.

### Details of the speaker:

Mr. Jayant Sahasrabudhe is National Organising Secretary at Vijnana Bharati, India. Vijnana Bharati or VIBHA, previously known as Swadeshi Science Movement, is a non-profit organization in India that works for the popularization of sciences in a nationalist manner. Its main aim is to rejuvenate the Swadeshi Movement in this age of science and technology for the purpose of national reconstruction. Vijnana Bharati has units in 22 states across the country. It is working in 11 different areas through autonomous institutions, independent organizations & also as project entities. VIBHA has various eminent personalities like Prof. K.I. Basu, Dr. G. Madhavan Nair, Dr. Anil Kakodkar, Dr. V. K. Saraswat, Shri Jayant Sahasrabudhe etc. on his board. More details about VIBHA can be found at:

### https://vijnanabharati.org/aims&objectives.html

# Seminar on "Education and Research Leadership at National Institute of Aerospace/NASA-LaRC" by Prof. Sudip Sen on Tuesday 6th September 2022, from 10:30am and 11:30am

https://research.upes.ac.in/2022/09/12/seminar-on-education-and-research-leadership-at-national-institute-of-aerospace-nasa-larc-by-prof-sudip-sen-on-tuesday-6th-september-2022-from-1030am-and-1130am/ [6]



Date: September 6th, 2022
Time: 10:30 am – 11:30 am

• Venue: Hubble Board Room, Hubble, Bidholi Campus

### Seminar

Prof Sen completed his Bachelor Degree in Physics from Presidency College, Calcutta, Masters from Calcutta University and PhD from Culham Laboratory, Oxford, UK. He held faculty positions at Lancaster University, UK; Delhi University, India; Kyoto University, Japan; and Australian National University, Australia, before joining as Dean of Science and Technology and Distinguished Full Professor at National Institute of Aerospace/NASA and Visiting Full Professor at William & Mary in Virginia, USA. Prof Sen is a Fellow of American Physical Society. Editor-in-Chief of Taylor & Francis Journal REDS; and Book Series Editor of the prestigious CRC Press in the UK. He leads an Interdisciplinary Consortium of Modelling & Simulation with 10 US Institutions (MIT, Columbia University, Princeton University, Virginia Tech, William & Mary, Los Alamos National Lab, NASA-Langley, Old Dominion University, Hampton University & National Institute of Aerospace) and 4 International renowned Institutes in Japan, Italy, Canada & Mexico. For his seminal contributions in many interdisciplinary areas including Energy Science, Space Science, Computational Fluid Dynamics,

Radiation and Processing Technology, he has delivered 38 invited talks in various international conferences around the world, he has published 120 publications, many with students and postdocs.

National Institute of Aerospace is a sister concern of NASA-Langley. A brief discussion on the education offered and research pursued here will be discussed. Along with this, the Interdisciplinary Consortium of Modelling & Simulation will also be discussed.

# 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/ [7]

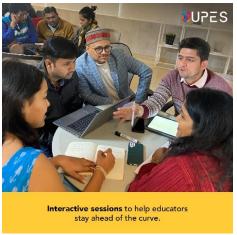
A workshop on "Low-Cost Modular Raman and Fluorescence Based Spectroscopy" was organized by Central Instrumentation Centre (CIC), UPES on Oct 07, 2021 in the Vivekananda Auditorium. Dr Ankush Vij introduced the dignitaries and welcomed all the participants. Prof Sunil K Rai (Hon'ble Vice Chancellor) 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.

## **UPES' PGCAP Program**

https://twitter.com/UPESDehradun/status/1651428454695305217 [8]

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









## Hosting a Spectacular Space Convention

https://twitter.com/UPESDehradun/status/1646878475633020928 [9]

#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: <a href="https://upesnsc.in">https://upesnsc.in</a>

#SchoolOfAdvancedEngineering



### India's Active Citezenship in Global Perespective

https://twitter.com/UPESDehradun/status/1646414663091990528 [10]

Learn about the importance of citizen engagement beyond just the time of elections and mass movements in Dr. Kruks-Wisner's research. Join now: https://bit.ly/3zWyMlc

#UPES #UniversityOfTomorrow #SchoolOfLiberalStudies



## **Build to Scale**

https://twitter.com/UPESDehradun/status/1639208289757011968 [11]

Get your questions about building a start-up answered by Rahul Nainwal. The Director at UPES School of Business is sharing lessons on all things start-ups. Listen to the podcast 'Build to Scale' on all podcast platforms.



### Metaverse and the Future of Education

https://twitter.com/UPESDehradun/status/1635980154735411201 [12]

In continuation of our Emerging Technology Webinar Series, we proudly announce our next speaker, Dr. Jane Thomason, Chair World Metaverse Council. She'll be talking about Metaverse and the Future of Education on 18th March, 11am - 12pm. Register:

 $\frac{https://events.teams.microsoft.com/event/91b28cae-acfe-48f8-834b-d260b6ac0a59@fd8304ce-5079-4bcb-9a54-3240ed7405d9$ 

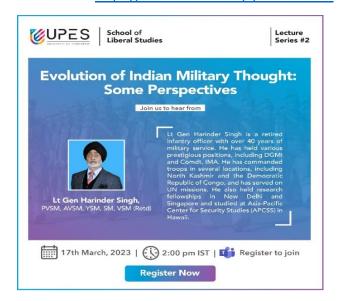


## **Evolution of the Indian Military**

https://twitter.com/UPESDehradun/status/1635262612253605889 [13]

Lt. Gen, Harinder Singh draws on his immense experience to share his deep insights and perspectives on the evolution of the Indian military.

Join us here: https://forms.office.com/r/3Y5U7hvHZJ



### 'Tête-à-Tête with a UPESite'

https://twitter.com/UPESDehradun/status/1630483431569379328 [14]

Are you an aspiring MBA student keen to understand the impact of an MBA program at UPES? Introducing 'Tête-à-Tête with a UPESite' series. Join us for a session with our alumnus Akshat Mishra, India PMO Head, EDF, on March 7, from 4-5 pm.

Register now: <a href="https://bit.ly/UPESAlumni">https://bit.ly/UPESAlumni</a>



## Digital Sketching Workshop

https://twitter.com/UPESDehradun/status/1621560386007994373 [15]

Join us for the workshop as Prof. Phani Tetali, Dean, School of Design imparts his creativity and shares new concepts, techniques and an expert perspective in the digital sketching workshop at the Pune Design Festival on 4th February. Register now! Click <a href="https://punedesignfestival.com">https://punedesignfestival.com</a>



### TECHTASTIC workshop

https://twitter.com/UPESDehradun/status/1621173810396553216 [16]

Traditional meets digital art in a TECHTASTIC workshop by UPES' Avimesh Sharma & Gurpreet Singh. Master digital sculpting using traditional techniques and 3D form creation. Perfect for beginners transitioning from traditional to digital mediums. Register: <a href="http://bit.ly/3DCGVO1">http://bit.ly/3DCGVO1</a>



# Design Thinking in Solving Problems in Public Spaces

https://twitter.com/UPESDehradun/status/1620461216648036356 [17]

UPES presents Pune Design Festival. Attend the online session with Khushboo Bharti, Assistant Professor, School of Design to learn the power of design thinking in solving problems in public spaces. To attend the session, Click - <a href="https://bit.ly/UPESxPDF2023">https://bit.ly/UPESxPDF2023</a>



### Runway - UPES incubator

https://twitter.com/UPESDehradun/status/1610914191572963328 [18]

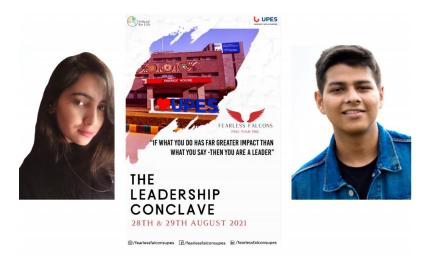
Turn your good ideas into a thriving business with Runway - UPES incubator. Fuel your start-up journey where your ideas are transformed into scalable businesses. Apply now to get mentored and leverage your ideas to create something valuable. Apply Now! <a href="http://bit.ly/3VP7w0q">http://bit.ly/3VP7w0q</a>



# 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/ [19]

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, Mrittika 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 <a href="https://docs.google.com/forms/d/e/1FAIpQLSfE9j-1LDCzLzgnl1igXm5QgH1TacdUk1f5vtwrgd">https://docs.google.com/forms/d/e/1FAIpQLSfE9j-1LDCzLzgnl1igXm5QgH1TacdUk1f5vtwrgd</a> DtBcWQA/viewform

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