

## 17.4.1 Does your university as a body have a commitment to meaningful education around the SDGs across the university?

### Living Lab Summit

[https://www.linkedin.com/posts/upes-soae\\_earthday-sustainability-livinglabsummit-activity-7185486589609828354-iA7z/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/upes-soae_earthday-sustainability-livinglabsummit-activity-7185486589609828354-iA7z/?utm_source=share&utm_medium=member_desktop)

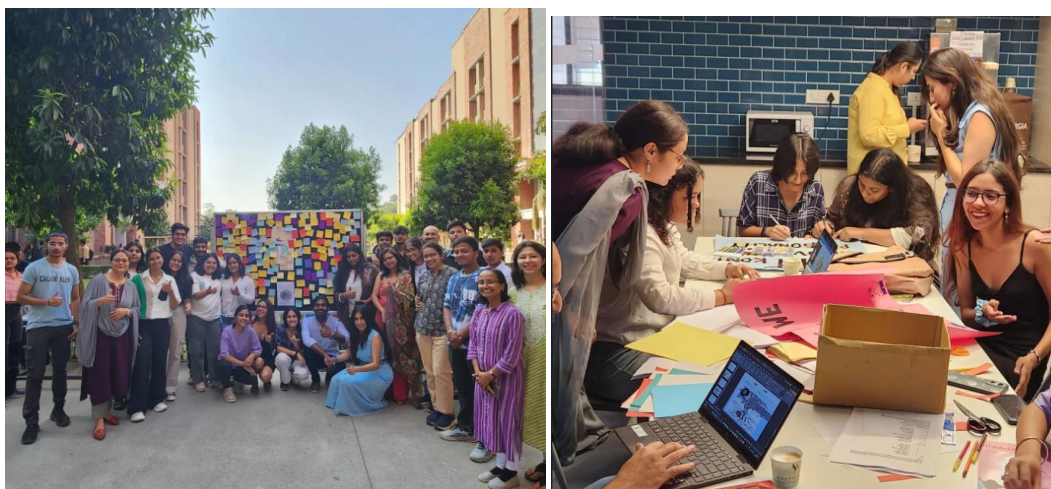
Join us at the Living Lab Summit hosted by UPES School of Advanced Engineering, Sustainability Cluster! 🌱 Explore how innovative ideas are transforming into sustainable solutions for climate change. Let's empower innovation together!



The poster for the Living Lab Summit features the UPES logo and the School of Advanced Engineering. The main title is "Empowering Innovation" with the subtitle "Transforming Ideas into Sustainable Solutions for Climate Change at the Living Lab Summit". It is presented by the Sustainability Cluster for the "LIVING LAB SUMMIT" on Earth Day. The event is scheduled for April 17, 2024, from 09 AM to 05 PM IST at the MAC Bidholi Campus. Activities include Panel Discussion, Nature Photography, Best Out of Waste, Living Lab Documentary, and Nukkad Natak. The organizing committee consists of Dr. Sunita Varjani, Dr. Suwendu Manna, Dr. Balendu S. Giri, Dr. Rahul Silori, Dr. Durga Parsad Panday, and Dr. Ankit Kumar Yadav. The organizing secretary is Dr. Kanchan Bahukhandi and Dr. Madhuben Sharma.

### Celebrating World Mental Health Day

[https://www.linkedin.com/posts/solsm-upes\\_worldmentalhealthday-holistichealth-creativity-activity-7168855706727649285-sBma/?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/solsm-upes_worldmentalhealthday-holistichealth-creativity-activity-7168855706727649285-sBma/?utm_source=share&utm_medium=member_desktop)





The Psychology Department at the School of Liberal Studies embarked on an extraordinary journey towards holistic well-being. 🌈 Our Kandoli campus witnessed a trailblazing event that underscored the importance of mental health in our lives. 🧠 At the Mental Health Booths, we delved deep into self-awareness through various activities:

- 1 Big Five Personality Test: Discover your unique personality traits – openness, conscientiousness, extraversion, agreeableness, and neuroticism. Understand how they shape your actions and relationships. 🧠
- 2 Attachment Style Assessments: Explore the primary attachment styles that impact our emotional lives. Secure, Anxious-Ambivalent, Dismissive-Avoidant, and more. Empower personal growth and enrich your relationships. ❤️
- 3 Intelligence Test: Uncover your cognitive strengths and areas for growth through the Kohs Block Design test. Enhance your problem-solving skills and spatial reasoning. 🧩
- 4 Mood Board Creation: Express your emotions, thoughts, and aspirations artistically. Use colors to symbolize your feelings and find a therapeutic outlet for self-expression. 🎨
- 5 Talk It Out Booth: A safe space where our compassionate students lend a listening ear and support to those in need. 💬

This momentous event marked a significant step towards recognizing and addressing mental health's pivotal role. 🧠 Let's continue to foster well-being and connection.

## Workshop on “Advances in materials and battery technology for electric vehicles”

<https://research.upes.ac.in/2022/05/10/workshop-on-advances-in-materials-and-battery-technology-for-electric-vehicles/> [2]

The center for Interdisciplinary research (CIDRI) , UPES , Dehradun, organized a one day workshop which focused on Industry –Academia collaboration on the topic – Advances in materials and battery technology for electric vehicles. This workshop was organized as a part of the project titled “Study, education, and training of students in environment sustainability and clean energy technologies for solid state battery application” which has been sponsored by Ornate Solar Pvt Ltd., New Delhi.

This workshop was started after inauguration and welcome address by Dr. D.K. Awasthi and then it was presided over by Dr. Sunil Raj, vice-chancellor, UPES. Then there was an address by Prof. A. C Pandey who was the chief guest of the workshop.

This workshop comprised of many Keynote addresses by experts and academicians such as Prof. Vijayamohan K Pillai (IISER-Tirupati) , Prof. B. K . Panigrahi (Professor, Department of Electrical Engineering, IIT Delhi) and industry representatives such as Mr. Aditya Goel (Director, Ornate Solar Pvt Ltd, Delhi) and Mr. Rahul Raj (Director , Inverted Energy).

Prof. Vijayamohan K Pillai spoke in detail about the need of sustainable energy in the future by suitable energy storage, smart metering and introduction of smart grids. He spoke in length about ideal characteristics of intelligent Battery materials and what are different materials required for smart batteries. He described the different types of cells which are used in batteries such as cylindrical cell, button cell, prismatic cell etc. He described the analysis of structural components of Lithium-ion battery. He gave an idea of advantages of Conversion electrodes with respect to Conventional electrodes used in battery cells. Prof Pillai also spoke about the key areas on which Electrical vehicles must invest in order to increase base of consumer market. He also spoke about different MNCs working on fuel cell technologies apart from technology of battery for electrical vehicles. In the end, he spoke about advanced battery materials and batteries which hold good scope in the future. He concluded by saying that in India, public-private partnership is a must for people to adopt electrical vehicles technology in order to build a better and sustainable future.

## Zero-waste accessories and gifting solutions by UPES students

<https://blog.upes.ac.in/zero-waste-accessories-and-gifting-solutions-by-upes-students/> [5]

PRADEEP JAGWAN · AUGUST 27, 2021



Team Kalakrit, comprising UPES School of Design students – Khyati Gupta, Ridhi Sood, and Kashish Kohli – make biodegradable and eco-friendly products under the guidance of their professor, Manas Ranjan Misra

During the festive season, we often come across gifts that are non-biodegradable and add to the carbon footprints. Team Kalakrit, comprising UPES School of Design students – Khyati Gupta, Ridhi Sood, and Kashish Kohli – have come up with a sustainable solution under the guidance of their professor, Manas Ranjan Misra.

These students have been making baked clay earrings, home décor items, therapeutic aromatic candles, and they even take customised orders for similar products. The products are organic, vegan, natural, sustainable, recycled, handmade, and biodegradable.

Says Khyati Gupta, “The idea came from the basic thought of ‘wastage and burden’ that a rakhi creates in its wake. Due to religious reasons, the thread cannot be disposed of in a bin and plastic is extremely harmful to nature. We can do a lot for our environment by making gifting options at home with eco-friendly materials instead of plastics, sparkles, beads, etc., caring for the environment, while retaining style, coolness, purpose, and fashion. Our products are zero-waste and come with zero-waste packaging.”



These products are zero-waste and come with zero-waste packaging

She further adds, “Through our products, we attempt to support the families who have lost their primary breadwinners due to Covid-19. We want to support underprivileged people by offering them employment opportunities. We also intend to conduct workshops in the less developed areas to create awareness of these handicrafts. We even want to expand our venture, targeting all the Indian festivals and events.”

Talking about the response to their products, Kashish Kohli says, “We are overwhelmed with the feedback that we got from our audience. Some people have even extolled our products as ‘revolutionary’. Some people also appreciated the finishing and design, and we are going to keep improving on it in all our upcoming projects. UPES provided us with a platform and audience who supported us throughout. We are even looking forward to getting registered with UCIE.”

[Green Up Club](#)

<https://www.facebook.com/greenupupes/> [6]





## 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/> [4]

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.

## UPES' PGCAP Program

<https://twitter.com/UPESDehradun/status/1651428454695305217> [5]

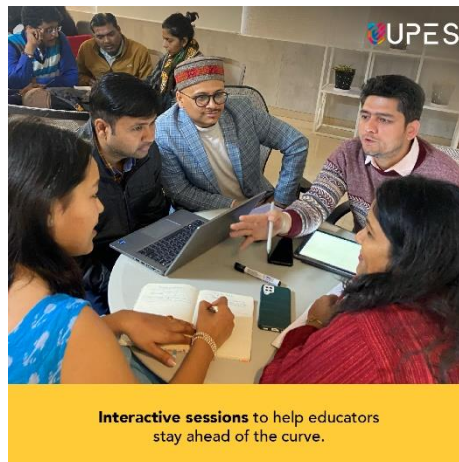
A great teacher is someone who can entertain & educate while inspiring students to grow. #UPES' PGCAP program helps you become an effective educator & creating unforgettable classroom experiences by adopting new pedagogies, microteaching, & other techniques. #UniversityOfTomorrow



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