Expert Talk by KRC at Eysian 26



Expert Talk organized on 22 Oct. 2026 under PDMC, GGSIPU

“From Prototype to Product: Bridging the Gap Between Engineering Innovation and Industrial Commercialization”

As part of Elysian 2026, an expert talk titled “From Prototype to Product: Bridging the Gap Between Engineering Innovation and Industrial Commercialization” was delivered by Mr. Usman Ali, Founder of US Technologies. The session was organised by Product Development, Monitoring, and Commercialization (PDMC) Committee, GGSIPU and managed by Karuyantra Robotics Club (KRC), USAR, with the objective of providing students with valuable insights into the practical aspects of transforming engineering ideas and innovative prototypes into commercially viable products. The talk was conducted offline at USAR and online through a Google Meet link for participants across the GGSIP university.

During the session, Mr. Usman Ali highlighted the importance of bridging the gap between theoretical knowledge, engineering design, prototype development, and real-world industrial applications. He discussed how an innovative idea must progress beyond the prototype stage to become a successful product that addresses actual market needs. The talk emphasised key considerations such as product design, functionality, reliability, cost-effectiveness, manufacturability, quality assurance, and scalability, which play a crucial role in the successful commercialization of engineering innovations.

The speaker also underscored the significance of understanding customer requirements, identifying market opportunities, and adopting a practical, problem-solving approach to product development. He encouraged students to look beyond the technical feasibility of their ideas and consider the challenges associated with manufacturing, investment, marketing, and industrial adoption. The session offered a valuable perspective on the role of entrepreneurship, innovation, and industry-oriented thinking in converting creative engineering solutions into sustainable business opportunities.

The interactive nature of the expert talk provided students with an opportunity to gain insights into the expectations and challenges of the industrial sector. It motivated aspiring engineers and innovators to develop solutions that are not only technically sound but also commercially relevant and socially beneficial. The session reinforced the importance of industry–academia collaboration in fostering innovation, nurturing entrepreneurial mindsets, and preparing students to meet the evolving demands of the engineering and technology sectors.

The expert talk was a valuable component of Elysian 2026, contributing to the event's broader objective of promoting technical excellence, creativity, and industry engagement among students. The organisers, PDMC, and the managing team, KRC, facilitated a meaningful learning experience that helped participants appreciate the journey from an initial engineering concept to a market-ready product.

Expert Talk Details:

Speaker: Mr. Usmal Ali, Founder of US Technologies, an AR/VR-powered training solutions company
serving Indian industries

Title: From Prototype to Product: Bridging the Gap Between Engineering Innovation and Industrial
Commercialization

Date: October 22, 2026

Time: 10:30 AM – 11:30 AM

Offline Venue: Room A-004, USAR, GGSIPU-EDC

Online Participation: Meeting link: Invitation to Expert Session on Product Development and
Commercialisation – Elysian 2026


US Technologies









