CiPD's Summer Course

CiPD's Summer Course on Intelligent Product Development at IIIT-Delhi

- Bridging the gap between innovation and real-world application, the Centre for Intelligent Product Development (CiPD) at IIIT-Delhi conducted an 8-10 week summer course to help students transition their Proof-of-Concepts (PoCs) into industry-ready prototypes. The program focused on refining initial designs, improving manufacturability, and ensuring seamless software-hardware integration to create functional, scalable products.

- Students gained hands-on experience with industry-standard microcontrollers, advanced PCB design, and product form factor optimization throughout the course. The program also emphasized cost-effective component selection, testability, repairability, and UI/UX considerations to make products more viable for real-world deployment. With mentorship from faculty and industry experts, participants worked on integrating industrial design concepts and aligning their prototypes with market expectations.

- By the end of the program, students successfully developed and demonstrated fully functional prototypes, equipped with the skills and knowledge to take their innovations beyond the lab and into real-world applications.

This summer course provided a strong foundation for aspiring product developers, fostering the next generation of intelligent, manufacturable, and impactful technological solutions.