

INSTITUTE INNOVATION COUNCIL

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Report-“Three day Workshop on Hands-on Training & Fab Lab Visit”

During the three-day visit to the AICTE FAB Lab, organized by the School of Electronics and Photonics Studies, IRTEM, and IIC of Pt. Ravi Shankar Shukla University, the main objective was to foster innovation and entrepreneurship among students. This visit, which took place from February 22 to February 24, 2024, marked the second lab visit by the IIC.

The AICTE-FAB Labs are integral in this initiative, established in engineering colleges across India to nurture students' creative and problem-solving skills. These labs provide essential facilities and resources for students to transform their ideas into prototypes. AICTE's "IDEAL" concept, standing for Idea, Development, Evolution, and Application, supports institutions in promoting the application of science, technology, engineering, and mathematics (STEM) fundamentals among students.

The training sessions conducted during the visit aimed to enhance students' 21st-century skills, including critical thinking, problem-solving, design thinking, collaboration, communication, and IT proficiency. Participants gained hands-on experience in PCB designing and trading, electron design, and 3D printing. Activities such as creating PCB circuits and printing items like a penholder were part of the learning process.

Moreover, the training sessions delved into topics such as aircraft design, offering participants a comprehensive understanding of various technological applications. Overall, the visit provided students with practical exposure to advanced technologies, fostering their creativity, imagination, and innovation capabilities while equipping them with essential skills for future endeavors in entrepreneurship and STEM fields.

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A
Three Days Workshop On
"Hands on Training & FabLab Visit"
22 to 24 February, 2024
by
Institute Innovation Council - Pt. Ravishankar Shukla University, Raipur
In Collaboration With
SSIPMT Raipur - AICTE IDEA Lab

