Chettinad College of Engineering & Technology, Karur

Department of Electronics and Communication Engineering

News Report

Programme Name   : **AICTE IDEA LAB Visit**

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Date of Visit   : **23.10.2025**

Venue   : **Vivekanandha College of Engineering for Women, Tiruchengode**

Number of Participants: **48 Students**

Description:

On 23rd October 2025, ECE II year students visited the **AICTE IDEA LAB Visit in Vivekanandha College of Engineering for Women, Tiruchengode**. A total of 48 students and 2 faculty members from the ECE department visited the idea lab.

The visit to the Vivekananda College Idea Lab was a highly informative and inspiring experience. The Idea Lab is a state-of-the-art innovation hub that offers students and faculty a platform to explore and experiment with cutting-edge technologies. During the visit, we had a chance to see several advanced technologies in action, particularly Augmented Reality (AR), Virtual Reality (VR), and 3D printing. The applications of AR, VR, and 3D printing showcased at the lab demonstrated the immense potential these technologies hold for revolutionizing education, healthcare, and various other fields. It was evident that the Idea Lab fosters an environment of creativity and innovation, empowering students to explore, create, and push the boundaries of what is possible with modern technology.

The goal of the visit was to have institute to institute academic visit to enhance the idea into innovation and to understand how these technologies are being integrated into educational and research environments and their potential applications in various fields.

Reflection from Students:

The visit to the Idea Lab at Vivekanandha College was an eye-opener for the students. They heard a lot about AR and VR, but seeing them in action firsthand was truly fascinating. What stood out the most was how immersive and interactive these technologies can make learning. The VR headset experience was incredible – They felt like it was actually inside a different world and got to experience a virtual tour of ancient monuments, and it was as if they were standing right there, looking at the intricate

details up close. It made them realize how powerful these tools are for education, especially in subjects like Engineering, architecture and science, where visualization is the key.

The 3D printing demonstrations also left a lasting impression. They never imagined how something as simple as a 3D printer could be used to create such complex objects, including prosthetics. It really opened their eyes to how they can use this technology to solve real-world problems, especially in healthcare.

Events Photos: