

**One-Day Workshop on Embedded Systems and IoT organized by AICTE-IDEA Lab in
Collaboration with CIED-IUST Foundation**

10-09-2025: One-day workshop on Embedded Systems and the Internet of Things (IoT) was organized by the AICTE-IDEA Lab in collaboration with the CIED-IUST Foundation for Batch-II at Campus-III. The workshop aimed to create awareness among Computer Science Engineering students about the growing relevance of embedded systems and IoT technologies in modern industry and research.

The inaugural session was graced by Dr. Sajaad Ahmad Lone, Coordinator, AICTE-IDEA Lab, in the presence of Mr. Syed Abdul Basit Andrabi, CEO, DST NIDHI, CIED-IUST Foundation, along with faculty members and students.

In his keynote address, Dr. Lone highlighted the transformative role of innovation and technology-driven prototyping in today's evolving world. He encouraged students to gain hands-on experience in embedded systems and IoT, emphasizing their importance in driving modern technological solutions.

Mr. Basit engaged with the participants, sharing valuable insights on entrepreneurship and innovation, particularly in the field of embedded systems and IoT. He also familiarized students with the work and initiatives of CIED, including various funding schemes available to support innovative ideas and start-ups.

The technical session was conducted by Mr. Zahid Bashir, who delivered an engaging presentation on modern embedded systems and IoT. He introduced students to the practical applications and emerging opportunities in these technologies and provided hands-on training with advanced technological equipment, giving participants real-world exposure.

As part of the workshop, students visited state-of-the-art facilities, including the C4i4 Lab, AICTE-IDEA Lab, DST, and other advanced technology labs, gaining first-hand experience with cutting-edge tools and innovations.

The workshop concluded with an interactive session, leaving participants motivated to further explore innovation, prototyping, and entrepreneurship in the field of embedded systems and IoT.