AICTE IDEA Lab Organizes One-Week Workshop on Prototyping in association with CIED–IUST Foundation

28-07-2025: AICTE IDEA Lab, in collaboration with the CIED–IUST Foundation, organized a one-week prototyping workshop for the students of Saint Xain's International School, Anantnag. The workshop aimed to introduce students to emerging technologies and hands-on innovation techniques.

The workshop was inaugurated by Dr. Sajaad Ahmad Lone, Head, Department of Computer Science and Engineering at IUST, in the presence of Prof. Parvez A. Mir, CEO, CIED–IUST Foundation, along with the participants and distinguished members of the Foundation.

In his inaugural address, Dr. Lone highlighted the importance of the AICTE IDEA Lab in fostering creativity, critical thinking and practical skills among young learners. He also introduced students to the concept of embedded systems and their growing relevance in today's technology-driven world.

Prof. Parvez A. Mir emphasized the transformative impact of 3D printing on modern industries. He underlined its role in driving innovation, enhancing prototyping capabilities and expanding opportunities in design and manufacturing sectors.

Mr. Zahid, the trainer of the workshop, conducted interactive sessions with the students, providing practical insights into a range of cutting-edge technologies. He introduced participants to 3D modelling and printing, the Internet of Things (IoT), PCB designing and laser cutting machines. His sessions were aimed at providing students with hands-on experience and real-world applications of these technologies.

The one-week workshop will cover a variety of modules, including 3D Printing and Modelling, Embedded Systems, Internet of Things (IoT) and Laser Cutting and Engraving Machines.

The program aims to equip students with foundational knowledge and practical experience, reinforcing the mission of the AICTE IDEA Lab and CIED–IUST Foundation to inspire the next generation of innovators and tech leaders.