



#### Educational Tour by Students of GMHSS Nanil Anantnag

**Date: 16-10-2024**

**Target audience: 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> class students**

#### **Description:**

The Office of Community Connect, (IUST) organised an educational tour for the students of the Govt Model Higher Secondary School Nanil Anantnag to the various departments of IUST. During the visit to the Computer Science and Engineering Department students were introduced to various fields within technology. They toured labs showcasing cutting-edge robotics projects, observed live demonstrations of robotic systems, programming, artificial intelligence, and engineering principles. They also visited the High-Performance Computing (HPC) Lab, and learned about the significance of HPC in solving complex problems across various fields, such as climate modeling, scientific research, and data analysis.

During their visit to the Physics Lab, students explored fundamental concepts of physics through hands-on experiments and demonstrations. They engaged with various equipment, such as oscilloscopes, lasers, and pendulums, to observe phenomena like wave behaviour and motion. Students also visited the Center for Innovation and Entrepreneurial Development (CIED) students were introduced to the principles of entrepreneurship and innovation. They toured the facilities, which included collaborative workspaces and prototyping labs, and learned about various projects and startups developed by students and faculty.

A Total no of 120 students along with 10 faculty members visited the campus,

