DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

EVENT NAME	DATE	TYPE OF WORKSHOP	NO.OF STUDENTS PARTICIPATED
Internet of Things	15th & 16th April 2024	offline	50

A Two-Day Workshop on **Internet of Things (IoT)** was conducted for 3rd year students on 15th and 16th April 2024. The workshop focused on introducing students to the fundamentals of IoT, including sensors, microcontrollers, and communication protocols. Students were given hands-on training in working with development boards such as Arduino/NodeMCU and interfacing various sensors. The sessions covered concepts like data acquisition, cloud connectivity, and real-time monitoring systems. Participants also learned how IoT is applied in smart homes, healthcare, agriculture, and industrial automation. Practical demonstrations helped students understand device integration and data transmission. Overall, the workshop enhanced technical knowledge and encouraged students to explore innovative IoT-based projects.