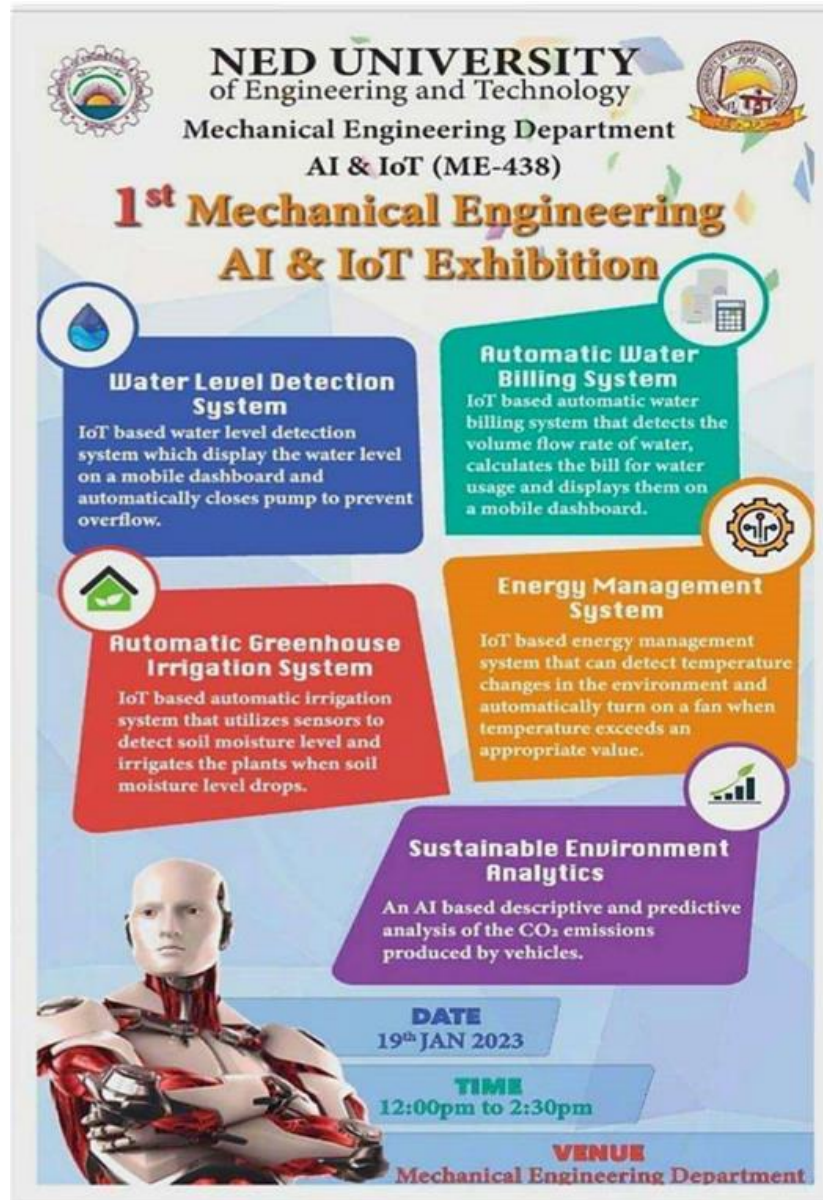


1st Mechanical Engineering AI and IoT Exhibition



NED UNIVERSITY
of Engineering and Technology
Mechanical Engineering Department
AI & IoT (ME-438)

**1st Mechanical Engineering
AI & IoT Exhibition**

Water Level Detection System
IoT based water level detection system which display the water level on a mobile dashboard and automatically closes pump to prevent overflow.

Automatic Water Billing System
IoT based automatic water billing system that detects the volume flow rate of water, calculates the bill for water usage and displays them on a mobile dashboard.

Automatic Greenhouse Irrigation System
IoT based automatic irrigation system that utilizes sensors to detect soil moisture level and irrigates the plants when soil moisture level drops.

Energy Management System
IoT based energy management system that can detect temperature changes in the environment and automatically turn on a fan when temperature exceeds an appropriate value.

Sustainable Environment Analytics
An AI based descriptive and predictive analysis of the CO₂ emissions produced by vehicles.

DATE
19th JAN 2023

TIME
12:00pm to 2:30pm

VENUE
Mechanical Engineering Department



The 1st Mechanical Engineering AI & IoT Exhibition at NED University's Mechanical Engineering Department showcased student innovation and technical excellence. (January, 2023)