



HALDIA INSTITUTE OF TECHNOLOGY

PRAYUKTI 2023

ANNUAL TECHNO-MANAGEMENT EXTRAVAGANZA

APRIL 3rd – 6th 2023

IOT TECH EXPO

About The Event :

An event focused on practical applications of the **Internet of Things (IoT)**. It captures an in-depth knowledge of a vast range of technologies based on **electronic sensors, microcontrollers, cloud, data analytics, cybersecurity**, and other technologies using which, participants implement a feasible solution to existing problems. It involves the utilization of IoT components like **Arduino, Raspberry Pi, and other tools** to provide optimized solutions to real-life issues.

In this event, participant will be asked to prepare any IoT based model that will be matching the following issues like:

Smart Home

Smart City

Smart Healthcare

Smart Agriculture

etc.

Team Members

1. A minimum of two and maximum of three members are allowed in each participating team.
2. Members can be from the same college/school or different (school/institute).
3. Professionals are not allowed. Only students can participate.



Final Setup:

There will be two segments

There is a no-elimination round and comprises 2 segments.

Segment one:

Participants are required to present a poster of proposed model, clearly explain the process.

Segment two:

Segment 2 is focused on the implementation of proposed model and also question and answer round to determine and assess the working knowledge of the participants.

Point Distribution:

- | | |
|-----------------------------|----------|
| a. Problem statement | 1 point. |
| b. Poster Presentation | 2 point. |
| c. Circuit/Model aesthetics | 5 point |
| d. Complete working Model | 7 point |

The team scoring the maximum points will be nominated as the winner of the competition.

Fair play and behaviour

1. It is expected that the aim of all teams is to complete their work neatly.
2. Participants who misbehave may be asked to leave the competition area and risk being disqualified from the contest.
3. The rules will be enforced at the discretion of the referees, officials, and local law enforcement authorities.