



# 1- Day Workshop

## Report on IoT & Applications Workshop

### Objective:

The main objective of this technical event is to check the general technical knowledge of the students. Students will learn to apply their theoretical knowledge for solving the various real-life problems faced in their subjects. This workshop will help the students to equip the essential skills they require in the future.

### Key Points:

- Arduino.
- Flame Sensor.
- Hardware Connections.
- Flame Sensor Program
- Set-up and Loop

### Subjects Covered:

- Detection of flame if nearby happens.
- Flame detection by signal.
- If detected, it used to detect pumping water.

- It mainly uses in Industrial fields.
- Prevention of disaster.

### Experts:

**Prof. Amanat Ansari**  
(Assistant Professor)  
**SRPEC, UNJHA.**

<b>Feedback Analysis</b>	
Relevance of the content with the title.	4.14
Presentation of the content.	4.07
Teaching methodology.	3.96
Doubt clearance	4.14
Relevance of course content to my work	4.25
Course relevance to current trends	4.18
Illustrations, examples and practice sessions	4.14
Illustrations, examples and practice sessions	4.11
Facilitator's knowledge of the subject matter	4.04
Facilitator's knowledge of the subject matter	4.07
Facilitators preparedness and presentation skills	4.25
The overall delivery and content	4.21
How this workshop met my expectations	4.04



### Participants:

Total **40 students** have participated in the workshop where they have learned and practiced how arduino does work by using flame sensor to prevent disaster. They have learned program in arduino software with the help of setup and loop.