



## **Panipat Institute of Engineering and Technology**

Approved by A.I.C.T.E. & Affiliated to Kurukshetra University, Kurukshetra  
70, MILESTONE, G. T. ROAD, SAMALKHA, PANIPAT-132103, HARYANA  
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### **DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

Ref. No.-PIET/ECE/ICT/2020/01

Date:10<sup>th</sup> Jan 2020

#### **NOTICE**


This is for the information of all that the Department of Electronics & Communication Engineering, PIET will organize a hands-on workshop on “**Internet of Things (IoT)**” on 14 Jan 2020. The details are mentioned below.

**Name of Event:** IoT WORKSHOP

**Time & Date of Event:** 9:00 am & 14 Jan, 2020

**Resource Person:** Mr. Arun Rana

**Venue:** IOT lab & B-101 (B-Block)

  
10/1/20  
**HOD**  
Department of ECE  
Panipat Institute of Engg. & Technology  
Samalkha-132102, Panipat

Ms. Swati Gupta

Head of Department

Cc:

Notice Boards



# PANIPAT INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Kurukshetra University, Kurukshetra)

## Report on IoT Workshop

**Name of Event:** IoT Workshop

**Date of Event:** 14 Jan, 2020

**Mode of Activity:** Offline

**Resource Person:** Mr. Arun Rana A.P, ECE department. Contact no.-8950183659

**Venue:** IoT lab

**Organized by:** Department of ECE

The workshop started with a welcome note by Ms, Swati Gupta (H.O.D), ECE. She introduced the students about the importance IoT in day to day life. Mr. Arun Rana provided an engaging introduction to IoT, explaining its architecture, components, and the role of sensors, actuators, and connectivity. He emphasized the importance of IoT in transforming industries and enhancing daily life. Participants explored various IoT development boards, including Arduino, Raspberry Pi, and ESP8266. They learned to set up development environments and Mr. Arun Rana provided the students a comprehensive understanding of IoT technologies, applications, and its impact on various industries. The workshop fostered a deeper interest in IoT and encouraged students to pursue further studies, research, and innovation in this area. The workshop contributed to a well-rounded enhancement of the students' academic knowledge, technical skills, and professional readiness, preparing them for successful careers in the rapidly evolving field of IoT. It also helped students to correlate various applications of IoT with home automation and other applications

Total 9 students and 4 faculties participated in this workshop. Students actively participated in the events and asked various queries. Students demonstrated creativity and problem-solving abilities through IoT project development. Participants learned to design, implement, and present innovative IoT solutions. The event concluded with a vote of thanks delivered by Ms. Sapna Arora A.P, ECE department.



Poto1: Students with resource person Mr. Arun Rana, Ms. Swati Gupta HOD ECE , Ms. Sapna Arora A.P, ECE and Mr. Vishal Jain A.P, ECE



Photo 2: Students working on IoT kits under guidance of Mr. Arun Rana

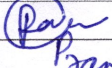
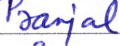
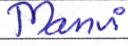
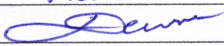
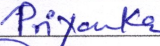

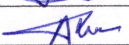
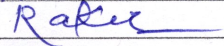


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### IoT Workshop

#### List of Participants

Roll Number	Candidate Name	Signature
2817253	RAJ KUMAR	
2817254	PRANJAL VERMA	
2817255	MANVI	
2817256	DEVENDER KUMAR	
2817257	PRIYANKA JAIN	
2817258	PRIYA ASIJA	
2817260	ARUN KUMAR	
2817261	RAKESH JOSHI	
2817264	JATIN DHINGRA	