

## ***Python-IOT Workshop at Sultan-ul-Uloom Public School***



**Date/Duration:** 3rd, 4th, 6th December / 2hrs per day

**Host Organisation:** IEEE Signal Processing Society MJCET and IEEE Sensors MJCET

### **Organizers:**

**1. Asma Khanam** (Chair, Signal Processing Society MJCET)

**Email:** 160421735007@mjcollege.ac.in

**Contact:** +91 7981165219

**2. Ikram Hyderi** (Vice Chair, Signal Processing Society MJCET)

**Email:** 160421735022@mjcollege.ac.in

**Contact:** +91 6300247977

**3. Mohsin Ahmed** (Chair, Sensors)

**Email:** 160422735086@mjcollege.ac.in

**Contact:** +91 9052517103

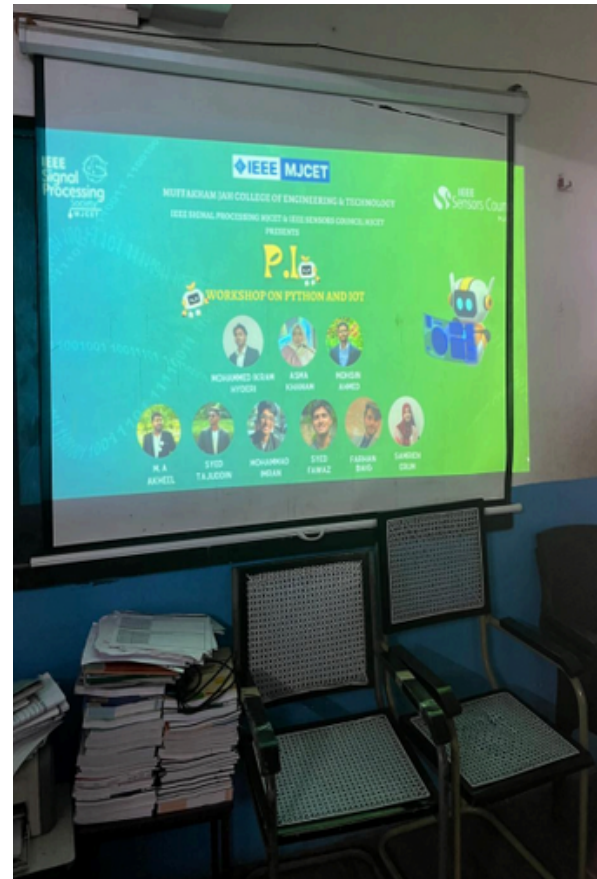
**Target Audience:** Students of grades 7, 8 and 9

**Number of Participants:** 45 members

The IEEE SPS Chapter organized a 3-day workshop at Sultan-ul-Uloom School for grade 7, 8 and 9 students, focusing on Python programming, Data Science, and IoT.

**Day 1 & Day 2:** Students were introduced to the basics of Python programming, including variables, loops, and simple functions, along with an introduction to Data Science concepts like data collection, analysis, and visualization

**Day 3:** The final day focused on the basics of IoT, where students participated in a hands-on project using LEDs and simple sensors to understand how devices can interact with each other through the internet.





The workshop aimed to provide students with a foundational understanding of these key technologies, sparking curiosity and encouraging them to explore the world of programming, data, and IoT.

This initiative aligns with IEEE's mission to foster innovation and technological growth among young minds.

