

## **Club Activity Report on Coding Challenge using Python Programming**

The Department of **Industrial IOT** organised a **Club Activity** titled **Coding Challenge using Python Programming** on **14-03-2026** at **01.30 PM**, in **Room No. 152**.

The expert speaker was Dr. Abhishek D Patange, Data Science and AI Specialist, Centre of Excellence in Process Automation – Digital, ABB Global Industries and Services, Bengaluru. A total of 47 participants had attended the club activity from departments of IIOT, ECE, EC (ACT).

### **Objectives of the Event**

The challenge included two python coding problems, for which the participants had to come up with solutions.

- To test participants' Python programming skills through a coding challenge.
- To apply data science and AI concepts to solve real-world problems.
- To promote hands-on learning and problem-solving among students
- To provide a platform for students to showcase their coding abilities
- To identify and encourage talented students in Python programming and data science.

### **Event Overview**

The event was held in two rounds, with round 1 on a quiz in Python basics, which commenced at 1:00 pm, at the Python Lab (room no. 152), where the 'Coding challenge using Python Programming' was conducted. The participants were shortlisted in accordance with the results of a quiz conducted on 13/03/2026 and the next round at 1:30 pm on 14/03/2026, at the IoT Lab (Room no 152), where all the participants solved two complex Python coding problems. The participants who took the least time to arrive at the solution were declared winners (winners and runners-up) and were awarded with a cash prize of Rs. 1000 and Rs. 500, respectively.

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Figure 1: Winners with the Chief Guest



Figure 2: Runners-up with Chief Guest

## Outcomes

After conducting the club activity, the following outcomes were observed:

- Participants gained hands-on experience in applying Python programming to solve real-world problems.
- Students improved their problem-solving skills and coding abilities.
- Participants networked with peers and industry experts, enhancing their learning experience.
- Winners were recognised and awarded, motivating them to pursue further excellence in coding and data science.

**Report by:** Dr M. Thilagaraj



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