



# BUDDHA INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ALLIED  
PROGRAM:AIML-DS  
ACADEMIC YEAR 2025-26 (Even Semester)

## Workshop Summary

**Department of Computer Science & Allied**

**Program:** AIML-DS

**Topic:** Build Your First AI Model Using Python

**Date:** 18 April 2026

**Total Participants:** 46 Students

The workshop titled “**Build Your First AI Model Using Python**” was conducted at the college for 2<sup>nd</sup> year CSE (AIML) students to introduce the fundamentals of artificial intelligence and machine learning. The session aimed to provide a hands-on learning experience, enabling participants to understand how AI models are built and applied in real-world scenarios.

The workshop began with an overview of AI concepts, including machine learning, data handling, and the importance of Python as a programming language in this domain. Students were then guided through setting up their development environment and introduced to essential libraries such as NumPy, Pandas, and Scikit-learn.

### **Objective of the Workshop**

- ❖ To introduce students to the basics of Artificial Intelligence (AI) and Machine Learning (ML).
- ❖ To provide hands-on experience in building a simple AI model using Python.
- ❖ To help students understand real-world applications of AI.
- ❖ To encourage students to explore careers and projects in AI/ML

### **Conclusion**

- ❖ Recap of key concepts covered during the workshop.
- ❖ Encouragement to continue practicing and building projects.
- ❖ Overall, the workshop was interactive, informative, and beneficial for beginners interested in AI

**Guest Speaker:** Mr. Brijesh Kumar Chaurasiya (Trainer/Full Stack Developer)

**Faculty Coordinator:** Mr. Satish Kumar

**Student Coordinator:** Vivek Singh