## Report Summary

Training & Placement cell has organized 10 days Advance Training program on Artificial Intelligence and Machine Learning with NSIC, Rajpura under TEQIP-III for final year students of ECE branch of Batch 2016-20, so that students get well familiar with the latest trends in the field of Artificial Intelligence and Machine Learning. To provide best quality lectures for students, resource persons for this program were hired from NSIC, Rajpura. Er. Avist Anand presented his expertise in this training program.

Why this program? There is an increasing need for intelligent and accurate decision-making across industries. This has led to an exponential growth in the adoption of AI and ML technologies, and they are expected to remain relevant in years to come.

## Who is this program for?

- Beginners in the AI & ML space looking to kickstart their careers
- Anyone with basic programming skills interested in the AI & ML space
- Data Scientists looking to boost their career

## **Program Syllabus:**

Module 1: Python Basics

Module 2: Python OOPs Concept

Module 3: Introduction to NumPy & Pandas

Module 4: Data Pre-processing

Module 5: Data Manipulation

Module 6: Data visualization

The program was held in Computational Lab of ECE Department from 1:30PM to 4:30PM for ECE students. Students had also shown their keen interest during this advance training program.

