LORETO COLLEGE

COMPUTER DEPARTMENT

CVAC (COMMON VALUE-ADDED COURSE)-4

HANDS ON MACHINE LEARNING

2024-2025

COURSE OUTCOMES (CO)

CO1: Understand the fundamental concepts and principles of machine learning.

CO2: Identify, compare, and select suitable machine learning algorithms for different types of problems.

CO3: Implement machine learning models using Python and libraries such as Scikit-learn, Keras, and TensorFlow.

CO4: Apply machine learning techniques to solve real-world problems, enhancing analytical and problem-solving skills.

PROGRAM OUTCOMES (PO)

PO1: Apply knowledge of mathematics, statistics, and computing to solve complex engineering and data problems.

PO2: Develop, implement, and evaluate algorithms and models using modern tools and techniques.

PO3: Analyze and interpret data to support decision-making in real-world scenarios.

PO4: Engage in lifelong learning and adapt to emerging technologies in computer science and AI.

PO5: Work effectively in teams and communicate technical ideas clearly.

PROGRAM SPECIFIC OUTCOMES (PSO)

PSO1: Gain hands-on experience in machine learning, AI, and data analytics.

PSO2: Design and implement solutions using Python-based machine learning tools.

PSO3: Bridge the gap between theoretical knowledge and practical applications in AI and computer science domains.