S. P. B. Patel Engineering College
Saffrony Institute Of Technology
Computer Engineering & Information Technology Department
Group 2
One week training program on 'Machine Learning and Deep Learning'

Timings & Resource Persons	Day 1 (Topics) 7th June 2021	Timings & Resource Persons	Day 2 (Topics) 8th June 2021	Timings & Resource Persons	Day 3 (Topics) 9th June 2021	Timings & Resource Persons	Day 4 (Topics) 10th June 2021	Timings & Resource Persons	Day 5 (Topics) 11th June 2021
10:00 AM to 12:00 PM Prof. Tejas Patel & Prof. Hima Soni	# Data Science: Data & Image processing numerical computation using Numpy and Scipy (CSV & Image Data both)	10:00 AM to 12:00 PM Prof. Nishi Patwa & Prof. Hima Soni	# Logistic Regression with Hands on Regression	10:00 AM to 12:00 PM Prof. Ekta Joshi & Prof. Nishi Patwa	# More on Unsupervised Learning # Hands on excercise - Clustering # K Means & Hierarchical Clustering	10:00 AM to 12:00 PM Prof. Nishi Patwa, Prof. Ekta Joshi & Prof. Parimal Patel	# Introduction and Application of CNN (Convolutional Neural Networks) # CNN Architecture # Core Components of Network	10:00 AM to 12:00 PM Prof. Hima Soni & Prof. Parimal Patel	# Neural Network in detail # Introduction to ANN #ANN Architecture #Mathemetics behind ANN
12:00 PM to 01:00 PM	Break	12:00 PM to 01:00 PM	Break	12:00 PM to 01:00 PM	Break	12:00 PM to 01:00 PM	Break	12:00 PM to 01:00 PM	Break
01:00 PM to 03:00 PM Prof. Ekta Joshi, Prof. Parimal Patel & Prof. Nishi Patwa	# Get started with Python Programming including Hands on	01:00 PM to 03:00 PM Prof. Ekta Joshi, Prof. Parimal Patel & Prof. Tejas Patel	# Linear Regression with Hands on Regression	01:00 PM to 03:00 PM Prof. Parimal Patel, Prof. Hima Soni & Prof. Tejas Patel	# Supervised Learning - classification using Weka tool, Data Visualization with matplotlib & seaborn	01:00 PM to 03:00 PM Prof. Nishi Patwa, Prof. Ekta Joshi & Prof. Parimal Patel	# Hands on excercise - CNN (From Data Collection to Prediction	01:00 PM to 03:00 PM Prof. Hima Soni & Prof. Parimal Patel	# ANN (Artificial Neural Network) with Hands on