COURSE OVERVIEW

INTRODUCTION

* Introduction to AI
* How To Create Basic AI Application (Chatbot Using Dialog Flow)
* How to Install Python & Libraries
* Basics of Python Programming for AI

COMPUTER VISION

* Introduction to Computer Vision
* How to Install Computer Vision Libraries
* Moving Object Detection and Tracking Using OpenCV
* Face Detection and Tracking Using OpenCV
* Object Tracking Based on Colour Using OpenCV
* Face Recognition using OpenCV
* Face Emotion Recognition using 68-Landmark Predictor OpenCV

DEEP LEARNING

* Introduction to Deep Learning
* How to Install DL Libraries
* Designing Your First Neural Network
* Object Recognition from Pre-trained Model
* Image Classification Using Convolutional Neural Network
* Hand Gesture Recognition Using Deep Learning
* Leaf Disease Detection Using Deep Learning
* Character Recognition Using Convolutional Neural Network

MACHINE LEARNING

* Introduction to Machine Learning
* How to Install machine Learning Libraries
* Steps in Machine Learning
* Supervised Learning
* Unsupervised Learning