

LIST OF EXPERIMENTS

Artificial Intelligence (0+1)

Lab #	Lab Experiments	Date	Signature
1	Fundamental of Artificial Intelligence Introduction to python •Construct a program using Variable, data types and operator in python		
2	Loops and Conditional Statements •Construct a program using loops in python •Construct a program using conational statements		
3	Function and class in python •Build program in python using function (User-defined and Per-defined) •Build Program in python using class and methods		
4	Supervised Learning •Build program in python using linear regression •Build program in python using nearest neighbor.		
5	Supervised Learning •Build program in python using Decision Trees •Build program in python using Random Forest		
6	Heuristic Search in python •Build a program for Uninformed searching •Build a program for informed searching.		
7	Unsupervised Learning •Construct a program in python using KNN (k-nearest neighbors)		
8	Unsupervised Learning •Construct a program in python using anomaly detection •Construct a program in python using Hierarchal clustering		
9	Logic Programming in python •Building blocks of Logic Programming in python.		
10	Natural Language Toolkit Package in python •Construct a program to mapping the given input in natural language into useful representations		
11	Neural Networks •Construct a program in python for Single-Layer Neural Network •Construct a program in python for Multi-Layer Neural Network		
12	Computer Vision •Construct a program in python for read and show the image		