# **Department of Computer Engineering**

Name: Shaikh Adnan Shaukat Ali

**Roll No: 76** 

**Subject: Artificial Intelligence (AI)** 

Class/Sem: T.E. / SEM-VI



## **Department of Computer Engineering**

Subject: AI Class/Sem: TE/VI

Name of the Laboratory: Artificial Intelligence Lab

#### Year: 2021-2022

#### **LIST OF EXPERIMENTS**

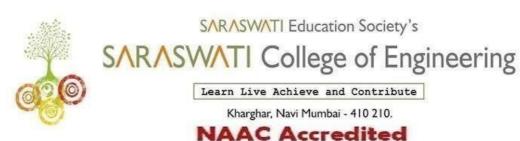
Expt. No.	Date	Name of the Experiment
1.	17-01	One case study on AI applications published in IEEE/ACM/Springer or
		any prominent journal
2.	31-01	To implement BFS (Breadth First Search)
3.	08-02	To implement Depth First Search (DFS) algorithm
4.	15-02	To implement uniform cost search
5.	22-02	To implement Greedy Best First Search
6.	08-03	To implement A* search algorithm
7.	15-03	To implement basic code in Prolog
8.	15-03	To find max of two number using Prolog
9	16-03	To implement family tree using recursion in Prolog
10	24-03	To implement graph coloring problem in Prolog
11	4-04	To calculate factorial of a number using Prolog

Prof. Neha Mahajan

Prof. Sujata Bhairnallykar

**Subject In-charge** 

**HOD** 



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#### ASSIGNMENT INDEX

Year: 2021-2022

SR No.	Date	Name of Assignment
1	11-02	Assignment-1
	24.02	
2	24-03	Assignment-2

Prof. Neha Mahajan Prof. Sujata Bhairnallykar

Subject In-charge HOD