



SARASWATI Education Society's  
**SARASWATI** College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

**NAAC Accredited**

## **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

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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**

<b>SR No.</b>	<b>Date</b>	<b>Name of Assignment</b>
1	11-02	Assignment-1
2	24-03	Assignment-2

Prof. Neha Mahajan

Prof. Sujata Bhairnallykar

**Subject In-charge**

**HOD**