

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**

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

Prof. Neha Mahajan Prof. Sujata Bhairnallykar

Subject In-charge HOD