

**DEPARTMENT OF COMPUTER SCIENCE**

**ARTIFICIAL INTELLIGENCE**

**SUBMITTED BY:**

{name}

{roll}

4th Semester - Section {section}

**SUBMITTED TO:**

Department of Computer Science

St. Xavier’s College

Maitighar, Kathmandu

ST. XAVIER’S COLLEGE

MAITIGHAR, KATHMANDU

ARTIFICIAL INTELLIGENCE  
PRACTICAL INDEX SHEET

**B.Sc. CSIT 4th Semester**

T.U. Regd. No.:………………………………… Class Roll No.:.…...................

Name of Student:……………………………….. Year/Sem.:...............………...

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | **Title of the Experiment** | **Final Submission Date** | **Signature** | **Remarks** |
| 1 | TO IMPLEMENT DFS AND BFS ALGORITHM |  |  |  |
| 2 | TO UNDERSTAND BASIC CONCEPT OF PROLOG PROGRAMMING AND KNOWLEDGE REPRESENTATION SYSTEM |  |  |  |
| 3 | TO REPRESENT SENTENCES INTO PROLOG FACTS |  |  |  |
| 4 | TO IMPLEMENT STATEMENTS IN PROLOG |  |  |  |
| 5 | TO IMPLEMENT A PROLOG PROGRAM FOR THE FAMILY TREE |  |  |  |
| 6 | TO IMPLEMENT A PROLOG PROGRAM TO TRACE PATH IN THE GIVEN GRAPH |  |  |  |
| 7 | TO IMPLEMENT RECURSIVE ALGORITHMS |  |  |  |
| 8 | TO IMPLEMENT A PROGRAM TO SOLVE WATER JUG PROBLEM |  |  |  |
| 9 | TO IMPLEMENT NAIVE BAYES ALGORITHM AND REALIZATION OF AND, OR GATES |  |  |  |