

**DEPARTMENT OF COMPUTER SCIENCE**

**DATA STRUCTURES AND ALGORITHMS  
LAB REPORT**

**SUBMITTED BY:**

{name}

{roll}

3rd Semester - Section {section}

**SUBMITTED TO:**

Department of Computer Science

St. Xavier’s College

Maitighar, Kathmandu

ST. XAVIER’S COLLEGE

MAITIGHAR, KATHMANDU

DATA STRUCTURES AND ALGORITHMS  
PRACTICAL INDEX SHEET

**B.Sc. CSIT 3rd 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 | STACK OPERATIONS |  |  |  |
| 2 | INFIX TO POSTFIX CONVERSION USING STACK |  |  |  |
| 3 | QUEUE OPERATIONS |  |  |  |
| 4 | CIRCULAR QUEUE OPERATIONS |  |  |  |
| 5 | LINKED LIST INSERTION OPERATIONS |  |  |  |
| 6 | LINKED LIST DELETION, SEARCH AND DISPLAY OPERATIONS |  |  |  |
| 7 | DOUBLY LINKED LIST OPERATIONS |  |  |  |
| 8 | CIRCULAR DOUBLY LINKED LIST OPERATIONS |  |  |  |
| 9 | BUBBLE SORT, INSERTION SORT, QUICK SORT AND MERGE SORT |  |  |  |