**Tribhuvan University**

**Institute of Science and Technology**

**Amrit Science Campus, Lainchaur**



**Submitted By**

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**Roll No.: 2014**

**Submitted To**

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**Data Structures and Algorithms Lab Report**

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| Lab No. | Name of Experiment | Date of Submission | Signature |
| 1. | Write a program to implement stack operation. |  |  |
| 2. | Write a program to convert infix expression to post-fix expression. |  |  |
| 3. | Write a program to evaluate postfix expression. |  |  |
| 4. | Write a program to implement linear queue. |  |  |
| 5. | Write a program to implement circular queue. |  |  |
| 6. | Write a recursive program to implement factorial. |  |  |
| 7. | Write a recursive program to implement Fibonacci sequence. |  |  |
| 8. | Write a recursive program to implement towers of Hanoi algorithm. |  |  |
| 9. | Write a program to implement doubly linked list. |  |  |
| 10. | Write a program to implement singly linked list. |  |  |
| 11. | Write a program to create and traverse a binary search tree. |  |  |
| 12. | Write a program to implement bubble sort. |  |  |
| 13. | Write a program to implement selection sort. |  |  |
| 14. | Write a program to implement insertion sort. |  |  |
| 15. | Write a program to implement quick sort. |  |  |
| 16. | Write a program to implement linear search. |  |  |
| 17. | Write a program to implement binary search. |  |  |