Course Title: Algorithm Design and Analysis Laboratory

Course Code: CSE-226

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**Instructor**: Fairuz Bilquis Khan

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| Rep.<br>No. | Name of Experiment               | Date of Performance | Date of Submission | Remark |
|-------------|----------------------------------|---------------------|--------------------|--------|
| 1           | Implement Some Basic Data        | 22/11/23            | 29/11/23           |        |
|             | Structures of Python and C++     |                     |                    |        |
|             | Programming Language (STL)       |                     |                    |        |
| 2           | Factorial of a number, Fibonacci | 27/12/23            | 03/01/24           |        |
|             | Series and Digit Sum of a        |                     |                    |        |
|             | number Using Recursion           |                     |                    |        |
| 3           | Find Minimum Spanning Tree       | 03/01/24            | 24/01/24           |        |
|             | Using Kruskal's Algorithm in     |                     |                    |        |
|             | C++ Programming Language         |                     |                    |        |
| 4           | Find Longest Common              | 24/01/24            | 31/01/24           |        |
|             | Subsequence Using Dynamic        |                     |                    |        |
|             | Programming                      |                     |                    |        |