**Shahjalal University of Science and Technology**

**Department of Computer Science and Engineering**



**Prediction of Missing DNA Methylation from Whole Genome Bisulfite Data Using KNN**

|  |  |
| --- | --- |
| Tamanna Molla Tanni  Reg. No.: 2015338006  4th year, 22nd Semester | Nishat Tamanna  Reg. No.: 2015433004  4th year, 2nd Semester |

Department of Computer Science and Engineering (2nd Major)

**Supervisor**

Ms Ayesha Tasnim

Assistant Professor

Department of Computer Science and Engineering

1st March, 2020

**Prediction of Missing DNA Methylation from Whole Genome Bisulfite Data Using KNN**



A Project submitted to the

Department of Computer Science and Engineering

Shahjalal University of Science and Technology

Sylhet - 3114, Bangladesh

Bachelor of Science in Computer Science and Engineering

# By

|  |  |
| --- | --- |
| Tamanna Molla Tanni  Reg. No.: 2015338006  4th year, 22nd Semester | Nishat Tamanna  Reg. No.: 2015433004  4th year, 2nd Semester |

Department of Computer Science and Engineering (2nd Major)

**Supervisor**

Ms Ayesha Tasnim

Assistant Professor

Department of Computer Science and Engineering

1st March, 2020

**Recommendation Letter from Project Supervisor**

The Project

Named "Prediction of Missing DNA Methylation from Whole Genome Bisulfite Data Using KNN" submitted by the students

1. Tamanna Molla Tanni
2. Nishat Tamanna

is a record of work carried out under my supervision and I, hereby, approve that the report be submitted in partial fulfillment of the requirements for the award of their Bachelor Degree.

Signature of the Supervisor:

Supervisor: Ms Ayesha Tasnim

Date: 1st March, 2020

# Certificate of Acceptance of the Thesis

The Project

Named "Prediction of Missing DNA Methylation from Whole Genome Bisulfite Data Using KNN " submitted by the students

1. Tamanna Molla Tanni
2. Nishat Tamanna

on 1st March, 2020

is, hereby, accepted as the partial fulfillment of the requirements for the award of their Bachelor Degrees.

**Head of the Dept**.

Mohammad Abdullah Al

Mumin

Professor

Department of Computer

Science and Engineering

**Chairman, Exam Committee**

Department of Computer

Science and Engineering

**Supervisor**

Ms Ayesha Tasnim

Assistant Professor

Department of Computer

Science and Engineering