Semester: 6th

| Session Name            | Course Code | Course Name                          | Cr. Hour | First 50<br>(50%) | Total<br>(100%) | Grade | Grade<br>Point |
|-------------------------|-------------|--------------------------------------|----------|-------------------|-----------------|-------|----------------|
| Spring 2022 (B.<br>Sc.) | CSE 317(V3) | Artificial Intelligence              | 3        | 43                | 88              | A+    | 4.00           |
| Spring 2022 (B.<br>Sc.) | CSE 318(V3) | Artificial Intelligence Laboratory   | 1.5      | 36                | 89              | A+    | 4.00           |
| Spring 2022 (B.<br>Sc.) | CSE 333(V3) | Operating Systems                    | 3        | 38.5              | 62              | В     | 3.00           |
| Spring 2022 (B.<br>Sc.) | CSE 334(V3) | Operating Systems Laboratory         | 1.5      | 36                | 76              | А     | 3.75           |
| Spring 2022 (B.<br>Sc.) | CSE 337(V3) | Computer Organization & Architecture | 3        | 30                | 65              | B+    | 3.25           |
| Spring 2022 (B.<br>Sc.) | CSE 338(V3) | Software Development                 | 2        | 0                 | 87              | A+    | 4.00           |
| Spring 2022 (B.<br>Sc.) | CSE 364(V3) | Data Communication                   | 3        | 38                | 71              | Α-    | 3.50           |
| Spring 2022 (B.<br>Sc.) | CSE 367(V3) | Computer Network                     | 3        | 31                | 70              | Α-    | 3.50           |
| Spring 2022 (B.<br>Sc.) | CSE 368(V3) | Computer Network Laboratory          | 1.5      | 38                | 80              | A+    | 4.00           |
| Credit Earned:          | 21.50       |                                      | GPA      | 3.60              |                 | ,     |                |

Semester: 7th

| Session Name          | Course Code | Course Name  | Cr. Hour | First 50<br>(50%) | Total<br>(100%) | Grade | Grade<br>Point |
|-----------------------|-------------|--|----------|-------------------|-----------------|-------|----------------|
| Fall 2022 (B.<br>Sc.) | CSE 309(V3) | Theory of Computation                              | 2        | 59                | 93              | A+    | 4.00           |
| Fall 2022 (B.<br>Sc.) | CSE 437(V3) | Network and Computer Security                      | 3        | 41                | 63              | В     | 3.00           |
| Fall 2022 (B.<br>Sc.) | CSE 451(V3) | Neural Network & Fuzzy Logic                       | 3        | 42                | 67              | B+    | 3.25           |
| Fall 2022 (B.<br>Sc.) | CSE 452(V3) | Neural Network & Fuzzy Logic<br>Laboratory         | 1        | 26                | 81              | A+    | 4.00           |
| Fall 2022 (B.<br>Sc.) | CSE 455(V3) | Computer Graphics & Image Processing               | 3        | 49                | 80              | A+    | 4.00           |
| Fall 2022 (B.<br>Sc.) | CSE 456(V3) | Computer Graphics & Image Processing<br>Laboratory | 1        | 32                | 80              | A+    | 4.00           |
| Fall 2022 (B.<br>Sc.) | EEE 313(V3) | Control Systems                                    | 3        | 58                | 96              | A+    | 4.00           |
| Fall 2022 (B.<br>Sc.) | EEE 314(V3) | Control Systems Laboratory                         | 1.5      | 36                | 85              | A+    | 4.00           |
| Fall 2022 (B.<br>Sc.) | ENG 401(V3) | Technical Writing & Presentation                   | 2        | 55                | 87              | A+    | 4.00           |
| Credit Earned:        | 19.50       |  | GPA      | : 3.73            |                 | 1     |                |

Semester: 4th

| Session Name            | Course Code | Course Name                                 | Cr. Hour | First 50<br>(50%) | Total<br>(100%) | Grade | Grade<br>Point |
|-------------------------|-------------|---|----------|-------------------|-----------------|-------|----------------|
| Spring 2021 (B.<br>Sc.) | CSE 225(V3) | Algorithm Design And Analysis               | 3        | 50                | 84              | A+    | 4.00           |
| Spring 2021 (B.<br>Sc.) | CSE 226(V3) | Algorithm Design And Analysis<br>Laboratory | 1        | 30                | 58              | B-    | 2.75           |
| Spring 2021 (B.<br>Sc.) | CSE 237(V3) | Database Management System                  | 3        | 46                | 81              | A+    | 4.00           |
| Spring 2021 (B.<br>Sc.) | CSE 238(V3) | Database Management System<br>Laboratory    | 1.5      | 39                | 89              | A+    | 4.00           |
| Spring 2021 (B.<br>Sc.) | EEE 201(V3) | Signals & Systems                           | 3        | 44                | 82              | A+    | 4.00           |
| Spring 2021 (B.<br>Sc.) | EEE 202(V3) | Signals & Systems Laboratory                | 1        | 38                | 91              | A+    | 4.00           |
| Spring 2021 (B. Sc.)    | MAT 203(V3) | Engineering Mathematics IV                  | 3        | 41                | 88              | A+    | 4.00           |
| Spring 2021 (B.<br>Sc.) | MGT 203(V3) | Industrial & Business Management            | 3        | 42                | 81              | A+    | 4.00           |
| Credit Earned:          | 18.50       |   | GPA      | : 3.93            |                 |       |                |

Semester: 5th

| Session Name          | Course Code | Course Name  | Cr. Hour | First 50<br>(50%) | Total<br>(100%) | Grade | Grade<br>Point |
|-----------------------|-------------|--|----------|-------------------|-----------------|-------|----------------|
| Fall 2021 (B.<br>Sc.) | CSE 301(V3) | Computational Methods for Engineering Problems                 | 3        | 47                | 84              | Α+    | 4.00           |
| Fall 2021 (B.<br>Sc.) | CSE 302(V3) | Computational Methods for Engineering<br>Problems Laboratory   | 1        | 38                | 80              | Α+    | 4.00           |
| Fall 2021 (B.<br>Sc.) | CSE 305(V3) | Software Engineering & Information<br>System Design            | 4        | 44.5              | 81              | Α+    | 4.00           |
| Fall 2021 (B.<br>Sc.) | CSE 306(V3) | Software Engineering & Information<br>System Design Laboratory | 1.5      | 27.5              | 72              | Α-    | 3.50           |
| Fall 2021 (B.<br>Sc.) | EEE 309(V3) | Communication Engineering                                      | 3        | 45                | 81              | Α+    | 4.00           |
| Fall 2021 (B.<br>Sc.) | EEE 310(V3) | Communication Engineering Laboratory                           | 1.5      | 37                | 89              | A+    | 4.00           |
| Fall 2021 (B.<br>Sc.) | EEE 371(V3) | Microprocessors & Microcontrollers                             | 3        | 42                | 75              | А     | 3.75           |
| Fall 2021 (B.<br>Sc.) | EEE 372(V3) | Microprocessors & Microcontrollers<br>Laboratory               | 1.5      | 37                | 83              | A+    | 4.00           |
| Fall 2021 (B.<br>Sc.) | MGT 251(V3) | Organizational Behavior  | 3        | 44                | 76              | А     | 3.75           |
| Credit Earned:        | 21.50       |  | GPA      | : 3.90            |                 |       |                |

Semester: 2nd

| Session Name            | Course Code | Course Name                       | Cr. Hour | First 50<br>(50%) | Total<br>(100%) | Grade | Grade<br>Point |
|-------------------------|-------------|-----------------------------------|----------|-------------------|-----------------|-------|----------------|
| Spring 2020 (B.<br>Sc.) | CSE 103(V3) | Discrete Mathematics              | 3        | 39                | 71              | Α-    | 3.50           |
| August 2019<br>(B. Sc.) | CSE 111(V3) | Structured Programming            | 2        | 37                | 56              | B-    | 2.75           |
| August 2019<br>(B. Sc.) | CSE 112(V3) | Structured Programming Laboratory | 2        | 36                | 71              | Α-    | 3.50           |
| August 2019<br>(B. Sc.) | EEE 211(V3) | Electronics I                     | 3        | 34.5              | 53              | C+    | 2.5            |
| August 2019<br>(B. Sc.) | EEE 212(V3) | Electronics I Laboratory          | 1.5      | 38                | 72              | Α-    | 3.50           |
| August 2019<br>(B. Sc.) | ENG 103(V3) | Developing English Skills         | 2        | 37                | 72              | Α-    | 3.50           |
| August 2019<br>(B. Sc.) | MAT 107(V3) | Engineering Mathematics II        | 3        | 46                | 84              | Α+    | 4.00           |
| August 2019<br>(B. Sc.) | PHY 103(V3) | Engineering Physics II            | 3        | 41.5              | 82              | A+    | 4.00           |
| Credit Earned:          | 19.50       |                                   | GPA      | 3.42              |                 |       |                |

Semester: 3rd

| Session Name          | Course Code | Course Name                               | Cr. Hour | First 50<br>(50%) | Total<br>(100%) | Grade | Grade<br>Point |
|-----------------------|-------------|---|----------|-------------------|-----------------|-------|----------------|
| Fall 2020 (B.<br>Sc.) | CSE 211(V3) | Object Oriented Programming               | 3        | 39                | 65              | B+    | 3.25           |
| Fall 2020 (B.<br>Sc.) | CSE 212(V3) | Object Oriented Programming<br>Laboratory | 1.5      | 30                | 70              | Α-    | 3.50           |
| Fall 2020 (B.<br>Sc.) | CSE 221(V3) | Data Structure                            | 3        | 35                | 75              | А     | 3.75           |
| Fall 2020 (B.<br>Sc.) | CSE 222(V3) | Data Structure Laboratory                 | 1.5      | 31                | 70              | Α-    | 3.50           |
| Fall 2020 (B.<br>Sc.) | ECO 201(V3) | Basic Economics                           | 3        | 43                | 72              | Α-    | 3.50           |
| Fall 2020 (B.<br>Sc.) | EEE 311(V3) | Digital Electronics                       | 3        | 40                | 78              | А     | 3.75           |
| Fall 2020 (B.<br>Sc.) | EEE 312(V3) | Digital Electronics Laboratory            | 1.5      | 30                | 72              | Α-    | 3.50           |
| Fall 2020 (B.<br>Sc.) | MAT 201(V3) | Engineering Mathematics III               | 3        | 43                | 72              | A-    | 3.50           |
| Credit Earned:        | 19.50       |   | GPA      | 3.54              |                 |       |                |



1/A O.R. Nizam Road, Panchlaish, Chittagong

#### TRANSCRIPT OF ACADEMIC RECORDS

| Name       | : Fathim Ahnafuzzaman Chowdhury                |
|------------|--|
| Roll       | : 1803510201658                                |
| Department | : Department of Computer Science & Engineering |

| Completed Credit | : 156  |  |
|------------------|--------|--|
| CGPA             | : 3.74 |  |

### **Details of Academic Records**

Semester: 1st

| Session Name              | Course Code | Course Name  | Cr. Hour | First 50<br>(50%) | Total<br>(100%) | Grade | Grade<br>Point |
|---------------------------|-------------|--|----------|-------------------|-----------------|-------|----------------|
| February 2019<br>(B. Sc.) | ACC 101(V3) | Basic Accounting                                   | 3        | 50                | 96              | A+    | 4.00           |
| February 2019<br>(B. Sc.) | CSE 110(V3) | Introduction to Computer System<br>Laboratory      | 2        | 34                | 84              | A+    | 4.00           |
| February 2019<br>(B. Sc.) | EEE 101(V3) | Electrical Circuits I                              | 3        | 38                | 80              | A+    | 4.00           |
| February 2019<br>(B. Sc.) | EEE 102(V3) | Electrical Circuits I Laboratory                   | 1.5      | 39                | 85              | A+    | 4.00           |
| February 2019<br>(B. Sc.) | ENG 101(V3) | General English                                    | 3        | 43                | 86              | A+    | 4.00           |
| February 2019<br>(B. Sc.) | MAT 105(V3) | Engineering Mathematics I                          | 3        | 32.97             | 75              | А     | 3.75           |
| February 2019<br>(B. Sc.) | ME 102(V3)  | Mechanical Engineering Drawing & CAD<br>Laboratory | 1        | 38                | 92              | A+    | 4.00           |
| February 2019<br>(B. Sc.) | PHY 101(V3) | Engineering Physics I                              | 3        | 47.5              | 83              | A+    | 4.00           |
| Credit Earned:            | 19.50       |  | GPA      | 3.96              |                 |       |                |

Semester: 8th

| Session Name            | Course Code | Course Name   | Cr. Hour | First 50<br>(50%) | Total<br>(100%) | Grade | Grade<br>Point |
|-------------------------|-------------|---|----------|-------------------|-----------------|-------|----------------|
| Spring 2023 (B.<br>Sc.) | CSE 453(V3) | Compiler Construction                                 | 3        | 48                | 87              | A+    | 4.00           |
| Spring 2023 (B.<br>Sc.) | CSE 454(V3) | Compiler Construction Laboratory                      | 1.5      | 32                | 80              | A+    | 4.00           |
| Spring 2023 (B.<br>Sc.) | CSE 457(V3) | Machine Learning                                      | 3        | 53                | 84              | A+    | 4.00           |
| Spring 2023 (B.<br>Sc.) | CSE 458(V3) | Machine Learning Laboratory                           | 1        | 25                | 82              | A+    | 4.00           |
| Spring 2023 (B.<br>Sc.) | CSE 459(V3) | Pattern Recognition                                   | 3        | 52.5              | 88              | A+    | 4.00           |
| Spring 2023 (B.<br>Sc.) | CSE 460(V3) | Pattern Recognition Laboratory                        | 1        | 26                | 73              | Α-    | 3.50           |
| Spring 2023 (B.<br>Sc.) | CSE 481(V3) | Contemporary Course of Computer<br>Science            | 3        | 45.5              | 63              | В     | 3.00           |
| Spring 2023 (B.<br>Sc.) | CSE 482(V3) | Contemporary Course of Computer<br>Science Laboratory | 1        | 57                | 80              | A+    | 4.00           |
| Credit Earned:          | 16.50       |   | GPA      | 3.79              |                 |       |                |