

BUBT

Bangladesh University of Business and Technology



UPON RECOMMENDATION OF THE

ACADEMIC COUNCIL

AND BY THE AUTHORITY VESTED IN THE BUBT TRUST
HAS CONFERRED THE DEGREE OF

B.Sc. Engineering in Computer Science and Engineering

UPON

Md. Musfikur Rahman

WITH A CGPA OF 3.44 ON THE SCALE OF 4.00

WITH ALL RIGHTS AND PRIVILEGES PERTAINING THERETO
ON THE TENTH DAY OF OCTOBER IN THE YEAR TWO THOUSAND AND NINETEEN
IN DHAKA, BANGLADESH AND THE SEAL OF THE UNIVERSITY IS AFFIXED

A. B. Md. Rasheduzzaman
CONTROLLER OF EXAMINATIONS

[Signature]
VICE CHANCELLOR

13143203018



BANGLADESH UNIVERSITY OF BUSINESS AND TECHNOLOGY (BUBT)

Rupnagar, Mirpur-2, Dhaka-1216, Bangladesh
Phone: PABX-9024266, 9024277, 9015397, 9020132-4, Fax: 9024399
E-mail: info@bubt.edu.bd, Website: www.bubt.edu.bd

Ref: **BUBT-C/E-307543-05-19**

Date : **22-05-19**

TO WHOM IT MAY CONCERN

This is to certify that **Md. Musfikur Rahman** bearing ID No. **13143203018** was a student of 18th Intake of B.Sc. Engineering in Computer Science & Engineering Program of Bangladesh University of Business & Technology (BUBT). He has successfully fulfilled all the requirements for the degree of B.Sc. Engineering in Computer Science & Engineering. The Cumulative Grade Point Average (CGPA) earned by him is **3.44** out of 4.00.

I wish him success in life.

A. B. Md. Badruddoza 22/05/2019
(Prof. A. B. Md. Badruddoza Mia)
Controller of Examinations

Controller of Examinations
Bangladesh University of Business &
Technology (BUBT), Mirpur-2, Dhaka.



Bangladesh University of Business and Technology (BUBT)

Rupnagar, Mirpur-2, Dhaka-1216, Bangladesh.
Phone: PABX-9024266, 9024277, 9015397, 9020132-4, Fax: 88-02-9024399
E-mail: info@bubt.edu.bd, Website: www.bubt.edu.bd

Grade Distribution

| Range of Marks (%) | Letter Grade | Grade Point |
|--------------------|--------------|-------------|
| 80-100 | A plus | 4.00 |
| 75-79 | A regular | 3.75 |
| 70-74 | A minus | 3.50 |
| 65-69 | B plus | 3.25 |
| 60-64 | B regular | 3.00 |
| 55-59 | B minus | 2.75 |
| 50-54 | C plus | 2.50 |
| 45-49 | C regular | 2.25 |
| 40-44 | D | 2.00 |
| Below-40 | F | 0.00 |

TRANSCRIPT OF ACADEMIC RECORDS

Program : B.Sc. Engineering in Computer Science and Engineering
Name of Student : Md. Musfikur Rahman
Intake : 18 **Admission Semester** : Summer, 2014
ID No. : 13143203018 **Completion Semester** : Spring, 2018
Total Credit Hours : 163.00 **Cumulative Grade Point Average (CGPA)** : 3.44 out of 4.00

| Course No | Course Title | Credits | Grade | G. Point |
|-----------|--|---------|-------|----------|
| CSE 101 | Computer and Programming Concepts | 3.00 | A+ | 4.00 |
| CSE 102 | Computer and Programming Concepts Lab | 1.50 | A | 3.75 |
| CSE 103 | Discrete Mathematics | 3.00 | A- | 3.50 |
| CSE 111 | Structured Programming Language | 3.00 | B- | 2.75 |
| CSE 112 | Structured Programming Language Lab | 1.50 | D | 2.00 |
| CSE 121 | Object Oriented Programming Language | 3.00 | B | 3.00 |
| CSE 122 | Object Oriented Programming Language Lab | 1.50 | A | 3.75 |
| CSE 205 | Digital Logic Design | 3.00 | B | 3.00 |
| CSE 206 | Digital Logic Design Lab | 1.50 | C | 2.25 |
| CSE 207 | Database Systems | 3.00 | A | 3.75 |
| CSE 208 | Database Systems Lab | 1.50 | B | 3.00 |
| CSE 209 | Data Communication | 3.00 | A- | 3.50 |
| CSE 213 | Theory of Computing & Automata Theory | 3.00 | A- | 3.50 |
| CSE 215 | Computer Architecture | 3.00 | A+ | 4.00 |
| CSE 223 | Numerical Analysis | 3.00 | B- | 2.75 |
| CSE 224 | Numerical Analysis Lab | 0.75 | A- | 3.50 |
| CSE 231 | Data Structures | 3.00 | B- | 2.75 |
| CSE 232 | Data Structures Lab | 1.50 | C | 2.25 |
| CSE 241 | Algorithms | 3.00 | A | 3.75 |
| CSE 242 | Algorithms Lab | 1.50 | B | 3.00 |
| CSE 309 | Operating Systems | 3.00 | A+ | 4.00 |
| CSE 310 | Operating Systems Lab | 1.50 | B+ | 3.25 |
| CSE 313 | Mathematical Analysis for Computer Science | 3.00 | A | 3.75 |
| CSE 315 | Microprocessor and Interfacing | 3.00 | B+ | 3.25 |
| CSE 316 | Microprocessor and Interfacing Lab | 1.50 | A | 3.75 |
| CSE 317 | System Analysis and Design | 3.00 | C+ | 2.50 |
| CSE 318 | System Analysis and Design Lab | 1.50 | B+ | 3.25 |
| CSE 319 | Computer Network | 3.00 | A- | 3.50 |
| CSE 320 | Computer Network Lab | 1.50 | A+ | 4.00 |
| CSE 323 | Compiler Design | 3.00 | A+ | 4.00 |
| CSE 324 | Compiler Design Lab | 0.75 | A+ | 4.00 |
| CSE 327 | Software Engineering | 3.00 | A- | 3.50 |
| CSE 328 | Software Engineering Lab | 0.75 | A+ | 4.00 |
| CSE 331 | Advanced Programming | 3.00 | B+ | 3.25 |
| CSE 332 | Advanced Programming Lab | 1.50 | A | 3.75 |
| CSE 341 | Computer Graphics | 3.00 | A | 3.75 |
| CSE 342 | Computer Graphics Lab | 0.75 | A+ | 4.00 |

| Course No | Course Title | Credits | Grade | G. Point |
|-----------|---|---------|-------|----------|
| CSE 351 | Artificial Intelligence and Expert System | 3.00 | A+ | 4.00 |
| CSE 352 | Artificial Intelligence and Expert System Lab | 1.50 | B- | 2.75 |
| CSE 407 | Information System Management | 2.00 | A- | 3.50 |
| CSE 411 | Digital Electronics and Pulse Technique | 3.00 | A- | 3.50 |
| CSE 412 | Digital Electronics and Pulse Technique Lab | 1.50 | A- | 3.50 |
| CSE 417 | Distributed Database Management Systems | 3.00 | B | 3.00 |
| CSE 418 | Distributed Database Management Systems Lab | 1.50 | A- | 3.50 |
| CSE 425 | Microcontroller and Embedded Systems | 3.00 | A+ | 4.00 |
| CSE 426 | Microcontroller and Embedded Systems Lab | 1.50 | A+ | 4.00 |
| CSE 465 | Machine Learning | 3.00 | A+ | 4.00 |
| CSE 467 | Pattern Recognition | 3.00 | B+ | 3.25 |
| CSE 475 | Data Mining | 3.00 | A+ | 4.00 |
| CSE 476 | Data Mining Lab | 1.50 | A+ | 4.00 |
| CSE 477 | Neural Network and Fuzzy Systems | 3.00 | A+ | 4.00 |
| CSE 478 | Neural Network and Fuzzy Systems Lab | 1.50 | A | 3.75 |
| ACT 201 | Accounting Fundamentals | 2.00 | A+ | 4.00 |
| ECO 101 | Principles of Economics | 2.00 | B+ | 3.25 |
| EEE 101 | Electrical Technology | 3.00 | A- | 3.50 |
| EEE 102 | Electrical Technology Lab | 1.50 | B- | 2.75 |
| EEE 211 | Electronic Devices and Circuits | 3.00 | A | 3.75 |
| EEE 212 | Electronic Devices and Circuits Lab | 1.50 | A+ | 4.00 |
| ENG 101 | English Language-I | 3.00 | B- | 2.75 |
| ENG 111 | English Language-II | 3.00 | B | 3.00 |
| MAT 101 | Differential and Integral Calculus | 3.00 | B | 3.00 |
| MAT 111 | Co-Ordinate Geometry and Vector Calculus | 3.00 | A- | 3.50 |
| MAT 121 | Linear Algebras and Differential Equations | 3.00 | B+ | 3.25 |
| MAT 231 | Complex Variable and Fourier Analysis | 3.00 | A | 3.75 |
| PHY 101 | Physics | 3.00 | A | 3.75 |
| STA 231 | Statistics | 3.00 | B- | 2.75 |
| CSE 100 | Software Development I | 0.75 | A+ | 4.00 |
| CSE 200 | Software Development II | 0.75 | B | 3.00 |
| CSE 300 | Software Development III | 0.75 | A | 3.75 |
| CSE 400 | Software Development IV | 0.75 | A+ | 4.00 |
| CSE 498 | Project/Thesis | 4.00 | B+ | 3.25 |

Certified that he has successfully completed the above courses of B.Sc Engineering in CSE program.

Prepared by :

Compared by :

Date of Issue: 21-05-2019

A. B. Md. Badruddin

Controller of Examinations



Bangladesh Technical Education Board, Dhaka

Diploma in Engineering Examination, 2013

SL No- 1991405

Registration No.. 977274

Session 2009-10

This is to certify that

Md. Musfikur Rahman

son/daughter of

Md. Sirajul Islam

(Father)

and

Khatun Masuda

(Mother)

of

Haji Abul Hossain Institute Of Technology , Tangail

bearing roll no. *314468* duly passed the Four -Year Diploma in Engineering Examination

in

Computer Technology

held in the month

of *January-February, 2014* . He/she secured CGPA *3.71* on a scale of 4.00 .

Date of Publication of Result: *May 05, 2014*

Date of Issue: *September 24, 2014*

Compared by

Deputy / Controller of Examinations

HAJI ABUL HOSSAIN INSTITUTE OF TECHNOLOGY (HABHIT)

Masjid Road, Tangail

Institute Code: 54050



TESTIMONIAL

This is to certify that *MD. MUSFIKUR RAHMAN*

Father's Name *MD. SIRAJUL ISLAM*

Mothers' Name *KHATUN MASUDA*

Was a regular student of 4-years courses of studies in Diploma-in-Engineering programme of this Institute since 2010.

He/She passed the final Diploma-in-Engineering Examination in Computer Technology held under the Bangladesh Technical Education Board in *January-February* 2014 bearing Roll No. *314468*

Registration No. *977274* of Session *2009-2010*

He / She obtained CGPA *3.71* out of 4.00.

He/She bears a good moral character. To the best of my knowledge he / she did not take part in any activity subversive of the state or of discipline.

I wish him / her success in life

Head of the Department

Khandaker Kamrullah Khan
Deputy Department Head, Diploma
Haji Abul Hossain Institute of
Technology-HABHIT

Sl. No.

10370

Principal/Vice Principal

প্রফেসর মোঃ আমিনুল ইসলাম
অধ্যক্ষ

হাজী আবুল হোসেন ইনস্টিটিউট

অব টেকনোলজি, টাঙ্গাইল।

Dated, Tangail *12.07.14*



Bangladesh Technical Education Board, Dhaka

ACADEMIC TRANSCRIPT

SL No- **2585618**

DIPLOMA-IN-ENGINEERING (Duration : 4-Year)

EIGHTH SEMESTER EXAMINATION, 2013

(Held in the Month of January-February, 2014)

Technology : **26 - Computer Technology**

Name : MD. MUSFIKUR RAHMAN

Father's Name : MD. SIRAJUL ISLAM

Mother's Name : KHATUN MASUDA

Roll No. : 314468

Registration No. : 977274 Session : 2009-10

Institute Name : 54050 - Haji Abul Hossain Institute Of Technology, Tangail

| Range of Marks (Percentage) | Grade | Point |
|--------------------------------|-------|-------|
| 80 or above | A+ | 4.00 |
| 75 - below 80 | A | 3.75 |
| 70 - below 75 | A- | 3.50 |
| 65 - below 70 | B+ | 3.25 |
| 60 - below 65 | B | 3.00 |
| 55 - below 60 | B- | 2.75 |
| 50 - below 55 | C+ | 2.50 |
| 45 - below 50 | C | 2.25 |
| 40 - below 45 | D | 2.00 |
| Below 40 | F | 0.00 |

| Subjects | Credit Hours | Grade Letter | Grade Point |
|--|-----------------|-----------------|----------------|
| 2691 - Embedded System and PLC | 4 | A+ | 4.00 |
| 2692 - Java Programming | 3 | A | 3.75 |
| 2693 - System Analysis, Design & Development | 3 | A- | 3.50 |
| 2694 - Data Communication & Computer Network -- II | 3 | B+ | 3.25 |
| 4586 - Multimedia and Graphics | 3 | A | 3.75 |
| 2696 - Computer Servicing -- II | 1 | A | 3.75 |
| 2684 - Computer Engineering Project -- II | 1 | A+ | 4.00 |
| 1581 - Entrepreneurship | 2 | A- | 3.50 |
| 1582 - Industrial Management -- II | 2 | A | 3.75 |

| | |
|----------------------------------|-------------|
| 8th Semester GPA : | 3.68 |
| 1st - 8th Semester CGPA : | 3.71 |
| Result : | PASS |

Date of Publication of Result : 05 May, 2014
Date of Issue : 30 June, 2014

Compared by

Deputy/ Controller of Examinations
Bangladesh Technical Education Board, Dhaka.



Bangladesh Technical Education Board, Dhaka
Secondary School Certificate (Vocational) Examination, 2009

SL No- 501562

Registration no. 721086

Session 2007

This is to certify that *Md. Musfikur Rahman*
son/daughter of *Md. Sirajul Islam* (Father)
and *Khatun Masuda* (Mother)
of *Technical School And College, Tangail*
bearing Roll No. *850008* duly passed the Secondary School Certificate (Vocational)
Examination in *Computer* Trade held in the month of
February - March, 2009. He/she secured GPA *4.18* on a scale of 5.00. His/Her
date of birth is *Fifth April Nineteen Hundred and Ninety Three*.

Checked &
Compared by

Dated, Dhaka the Nov. 11, 2009

Deputy/Controller of Examinations



Government of the People's Republic of Bangladesh

TANGAIL TECHNICAL SCHOOL & COLLEGE

Tangail

Serial No.: 277

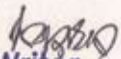
TESTIMONIAL

Date : 16.06.09

This is to certify that Md. Musfikur Rahman
Son of Md. Sirajul Islam Mother Khatun Masuda
Village Bhuapur Post Office Bhuapur Police Station Bhuapur
District Tangail Passed / appeared the S.S.C / H.S.C (Vocational) Examination
from Computer trade in
the year 2009 He/She obtained G.P.A. 4.18 His/Her Class Roll No. 29
Board Roll No. 850008 Registration No. 721086 Session 2007
According to admission register his/her date of birth is 05.04.1993

He/She bears a good moral character. So far my knowledge goes during his/her study period,
he/she did not take part in any activity subversive of the state or discipline of the institute.

I wish him/her every success in life.


Writer
16.06.09


Academic In-charge
16-06-09


Principal
16.06.09

Tangail Technical School & College, Tangail



Bangladesh Technical Education Board, Dhaka

SL No-

7038678

ACADEMIC TRANSCRIPT

SECONDARY SCHOOL CERTIFICATE (VOCATIONAL) EXAMINATION, 2009

HELD IN FEBRUARY - MARCH, 2009

Trade : 28 - Computer

Name : MD. MUSFIKUR RAHMAN

Father's Name : MD. SIRAJUL ISLAM

Mother's Name : KHATUN MASUDA .

Registration No : 721086 Session : 2007

Roll No : 850008

Institute Name : 54029 - Technical School and College, Tangail

| Range of Marks (Percentage) | Grade | Point |
|--------------------------------|-------|-------|
| 80 and above | A+ | 5.0 |
| 70 to 79 | A | 4.0 |
| 60 to 69 | A- | 3.5 |
| 50 to 59 | B | 3.0 |
| 40 to 49 | C | 2.0 |
| 33 to 39 | D | 1.0 |
| 0 to 32 | F | 0.0 |

| Subjects | Letter Grade | Grade Point |
|---|--------------|-------------|
| Bangla - I & II | A | 4.00 |
| English - I & II | A- | 3.50 |
| Religious Education - I & II | A | 4.00 |
| Social Science - I & II | A- | 3.50 |
| Mathematics - I & II | A | 4.00 |
| Trade Science - I & II | A+ | 5.00 |
| Computer Applications | A+ | 5.00 |
| Self Employment and Entrepreneurship | A | 4.00 |
| Drawing | B | 3.00 |
| Computer Application And Operation Trade - I & II | A+ | 5.00 |
| Industrial Attachment Training | A+ | 5.00 |

Result : **PASSED**

GPA : **4.18**

Dhaka
June 2, 2009

Checked & Compared by

Asstt./Deputy Controller of Examination
Bangladesh Technical Education Board, Dhaka

CERTIFICATE



Issued: 07 February 2020 Certificate ID # CSLDH/2020/510

This is to certify that

MD. MUSTIKUR RAHMAN

has successfully completed the course

Cisco Certified Network Associate (CCNA 200-125)

Duration: 72 Hours

Mustafa M. Hussain

Mustafa M. Hussain

Chief Executive Officer



Certificate of Completion

Reg. No. GT-PHP(PHP-41)-1406-0007

This is to certify that

Md. Musfikur Rahman


has participated and successfully completed the course of

Web Development using PHP with MySQL and Joomla

dated *23rd May, 2014*

duration of *72 Hours*


Director Operations


Head of Training

08-07-2014
Date of issue



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
Government of the People's Republic of Bangladesh
National ID Card / জাতীয় পরিচয় পত্র



শ্রেণি: প্রমাণিত নথি

নাম: মোঃ মুশফিকুর রহমান
Name: MD. MUSFIKUR RAHMAN
পিতা: মোঃ সিরাজুল ইসলাম
মাতা: মাসুদা খাতুন
Date of Birth: 05 Apr 1993
ID NO: 7782171826

এই কার্ডটি গণপ্রজাতন্ত্রী বাংলাদেশ সরকারের সম্পত্তি। কার্ডটি ব্যবহারকারী ব্যতীত অন্য কোথাও পাওয়া গেলে নিকটস্থ পোস্ট অফিসে জমা দেবার জন্য অনুরোধ করা হলো।

ঠিকানা: বাসা/হোল্ডিং: ১১, গ্রাম/রাস্তা: ঘাটান্দি, ডাকঘর: ভূয়াপুর - ১৯৬০, ভূয়াপুর, ভূঞাপুর পৌরসভা, টাঙ্গাইল

রক্তের গ্রুপ / Blood Group: AB- জন্মস্থান: টাঙ্গাইল

মুদ্রণ: ০১

প্রদানকারী কর্তৃপক্ষের স্বাক্ষর

প্রদানের তারিখ: ২৮/০৩/২০২১





ভূঞাপুর পৌরসভা কার্যালয়

জেলা-টাঙ্গাইল

নাগরিকত্ব/চারিত্রিক সনদপত্র

তারিখ ২৭ ০৭ ২০১৬

এতদ্বারা প্রত্যয়ন করা যাইতেছে যে মোঃ মুহাম্মদুল হক
পিতা/স্বামী মোঃ সিরাজুল ইসলাম মাতা মাসুদা হামিদা
গ্রাম ভূঞাপুর ডাকঘর ভূঞাপুর উপজেলা-ভূঞাপুর, জেলা-টাঙ্গাইল।
সে ভূঞাপুর পৌরসভার একজন স্থায়ী বাসিন্দা, তাহার পৌর হোল্ডিং নং ৪৬২/১ ওয়ার্ড নং ৪
সে আমার পরিচিত/পরিচিতা। সে জনসূত্রে বাংলাদেশের একজন বিবাহিত/অবিবাহিত নাগরিক। তাহার স্বভাব চরিত্র ভাল।
আমার জানামতে সে সমাজ বা রাষ্ট্রবিরোধী কোন কাজে লিপ্ত হয় নাই।
আমি তাহার উজ্জ্বল ভবিষ্যৎ কামনা করি।

(মোঃ মাসুদুল হক মাসুদ)
মেয়র ২৭/৭/১৬

ভূঞাপুর পৌরসভা
জেলা-টাঙ্গাইল।

প্রস্তুতকারীর স্বাক্ষর

নিজে পৌরকর পরিশোধ করুন এবং অন্যকে উৎসাহিত করুন

চারিত্রিক সনদ

এই মর্মে প্রত্যয়ন করা যাইতেছে যে, মোঃ মুশফিকুর রহমান, পিতাঃ মোঃ সিরাজুল ইসলাম, মাতাঃ মাসুদা খাতুন, বর্তমান ঠিকানাঃ ৩৫/৬, ব্লক-ডি, মিরপুর-১, ঢাকা-১২১৬. স্থায়ী ঠিকানাঃ গ্রামঃ ভূঞাপুর, পোঃ ভূঞাপুর, থানাঃ ভূঞাপুর, জেলাঃ টাঙ্গাইল' ব্যক্তিগত ভাবে আমার পরিচিত। আমার জানামতে তাহার স্বভাব চরিত্র ভাল এবং তিনি সমাজ বা রাষ্ট্রবিরোধী কোন কার্যকলাপের সহিত জড়িত নহে।

আমি তাহার সর্বান্ধীন মঙ্গল কামনা করি।