

Bangladesh University of Engineering & Technology Dhaka

CERTIFICATE

In accordance with the statutes of the University

Md. Mainur Rahman Tarafder

having satisfactorily fulfilled all the academic requirements and having received the approval of the Syndicate is hereby awarded, with all the rights and privileges pertaining thereto, the degree of

MASTER OF ENGINEERING IN INFORMATION AND COMMUNICATION TECHNOLOGY

Date of passing

16 November, 2014

This certificate is signed under the seal of the University on 19 March, 2019

Vice-Chancellor

Registrar

Controller of Examinations



বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয় ঢাকা

সনদপত্ৰ

বিশ্ববিদ্যালয়ের বিধান অনুযায়ী

মোঃ মাইনুর রহমান তরফদার

সকল আবশ্যকীয় শিক্ষাক্রম সন্তোষজনক ভাবে সম্পন্ন করায় সিভিকেটের অনুমোদনক্রমে তাহাকে এতদসম্পর্কিত সকল অধিকার ও সুবিধাসহ

মাস্টার অব ইঞ্জিনিয়ারিং ইন ইনফরমেশন এন্ড কমিউনিকেশন টেকনোলজি

ডিগ্রী প্রদান করা হইল।

সমাপনী তারিখ

১৬ নভেম্বর, ২০১৪

এই সনদপত্র বিশ্ববিদ্যালয়ের সীলমোহর সহ অদ্য ১৯ মার্চ, ২০১৯ তারিখে স্বাক্ষরিত হইল।

अल्युन रेअनाड

উপাচার্য

রিজিস্টার

পরীক্ষা নিয়ন্ত্রক



This is to certify that Md. Mainur Rahman Tarafder, son of Md. Abdul Jalil Tarafder and Late Hamida Begum, Registration No. 0409312006 session April-2009 and Roll No. 0409312006P was a student of this University from the session April-2009 to November 2014. He fulfilled the requirements of the degree of Master of Engineering in Information and Communication Technology on 16th November, 2014.

During his stay in the University there is nothing on record against his character or university discipline.

I wish him all the success in life.

Dated: Dhaka March 07, 2015 Cas Dec.

Director

Directorate of Students' Welfare (DSW)

BUET, Dhaka-1000, Bangladesh



Bangladesh University of Engineering & Technology Dhaka

Certificate of Medium of Instruction

This is to certify that Md. Mainur Rahman Tarafder bearing Student No. 0409312006 was a student in the Institute of Information and Communication Technology of Bangladesh University of Engineering and Technology, Dhaka during April, 2009 to November, 2014.

The medium of instruction and examination of this University is English.

Dated, Dhaka March 18, 2015 BUET

Controller of Examinations ______

Bangladesh University of Engineering & Technology
Dhaka



Bangladesh University of Engineering & Technology Dhaka

Certificate of Conversion of CGPA/GPA to Class

This is to certify that Md. Mainur Rahman Tarafder bearing Student No. 0409312006 was a student in the Institute of Information and Communication Technology of Bangladesh University of Engineering and Technology, Dhaka during April, 2009 to November, 2014.

He/She has obtained the degree of Master of Engineering in Information and Communication Technology with a CGPA of 2.85 on a scale of 4.0.

As per decision adopted by the Academic Council of this University his/her earned CGPA may be considered to be equivalent to Second Class.

Decision of the Academic Council is given below:

Class	CGPA/GPA
First Class	CGPA 3 and above
Second Class	CGPA below 3

Dated, Dhaka March 18, 2015 BUET DHAKA

Controller of Examinations

Bangladesh University of Engineering & Technology

Dhaka



TRANSCRIPT OF POSTGRADUATE ACADEMIC RECORDS

Name

: Md. Mainur Rahman Tarafder

Student No.

: 0409312006

Date of Birth

: August 25, 1982

Date of Admission: April 26, 2009

Previous Degree : B.Sc. Engineering in CSE from Rajshahi University of Engineering and Technology in the year 2005

Descriptive Title of Courses	Course No	Credit Hours	Grade	Grade Point
	ICT 6512	3	F	0.0
Parallel Algorithms	ICT 6621	3	B+	3.0
Advanced Networking	ICT 6613	3	В	2.5
Mobile and Wireless Communication	ICT 6514	3	F	0.0
Bioinformatics Computing		- 2	В	2.5
Advanced Optical Communication	ICT 6612	2	B	2.5
Advanced VLSI Testing	ICT 6633	.3		2.5
Reconfigurable Computing	ICT 6634	3	В	-
Advanced VLSI Design	ICT 6632	3	B+	3.0
Neuro-Fuzzy Systems	ICT 6536	3	B+	3.0
	ICT 6615	3	A	3.5
Teletraffic Engineering	[CT 6641	3	B+	3.0
Advanced Embedded System Design	ICT 6611	3	B+	3.0
Advanced Digital Communication	162 6011			
Thesis/Project: DEVELOPMENT OF A COMPUTER AIDED LEARNING TOOL FOR PIC MICROCONTROLLER	ICT 6000	6	S	-
THE INTERPOLATION OF THE PARTY			CPA	2.8

2.85 GPA:

Completed all the requirements for the degree of ____Master of Engineering in Information and Communication Technology on November 16, 2014 and the result was published on March 03, 2015

Date Prepared

Prepared by

Compared by

Controller of Examinations Bangladesh University of Engineering & Technology, Dhaka

Credit Hours : One credit hour represents one hour of lecture or three hours of laboratory works each week for one semester.

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One semester is half of one academic year.

Letter Grades: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure, I = Incomplete, S = Satisfactory,

U = Unsatisfactory, W = Withdrawn

rading System		Numerical Equivalent	Letter Grade	Grade Point	Numerical Equivalen
Letter Grade	Grade Point		В	2.5	60% to below 70%
A+(A Plus)	4.0	90% and above	6	2.0	50% to below 60%
A	3.5	80% to below 90%	9.5		below 50%
B+(B Plus)	3.0	70% to below 80%	F	0.0	DC10.M 20.78

GPA. Qualifying requirements: Credit Hours 36



Grade Sheet (Provisional)

Semester: April, 2009
Institute of Information and Communication Technology

Student No:

0409312006

Student's Name :

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	Grade Point
ICT 6512	Parallel Algorithms	3.00	F	0.00
ICT 6621	Advanced Networking	3.00	8+	3.00

GPA: 3.00

Registered Credit Hours in this Term

6.00

Credit Hours Earned in this Term:

3.00

165___

1. Prepared by

Date: 28/12/2014

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Deputy Controller of Examinations Bangladesh Univeristy of Engineering and Technology, Dhaka

Grades: For Theory Courses: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure

I = Incomplete, S = Satisfactory, U = Unsatisfactory, W = Withdrawn.

For Thesis/ Project : X = In Progress, I = Discontinued



Grade Sheet (Provisional)

Semester: October, 2009

Institute of Information and Communication Technology

Student No:

0409312006

Student's Name :

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	Grade Point
ICT 6514	Bioinformatics Computing	3.00	F	0.00
ICT 6613	Mobile and Wireless Communication	3.00	В	2.50

GPA: 2.50

Registered Credit Hours in this Term:

6.00

Credit Hours Earned in this Term:

3.00

1. Prepared by

Date: 28/12/2014

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BUET DHAKA

Deputy Controller of Examinations Bangladesh Univeristy of Engineering and Technology, Dhaka

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I = Incomplete, S = Satisfactory, U = Unsatisfactory, W = Withdrawn.

For Thesis/ Project : X = In Progress, I = Discontinued

: A+ = 4 points, A = 3.5 points, B+ = 3.0 points, B = 2.5 points, C = 2.0 points **Grades Points**



Grade Sheet (Provisional)

Semester: April, 2010
Institute of Information and Communication Technology

Student No :

0409312006

Student's Name :

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	
CT 6612	Advanced Optical Communication	3.00	В	2.50

GPA: 2.50

Registered Credit Hours in this Term:

3.00

Credit Hours Earned in this Term :

3.00

1. Prepared by

Date: 28/12/2014

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2. Compared by

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Deputy Controller of Examinations Bangladesh Univeristy of Engineering and Technology, Dhaka

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For Thesis/ Project : X = In Progress, I = Discontinued



Grade Sheet (Provisional)

Semester: October, 2010
Institute of Information and Communication Technology

Student No:

0409312006

Student's Name:

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	Grade Point
ICT 6633	Advanced VLSI Testing	3.00	В	2.50

GPA: 2.50

Registered Credit Hours in this Term :

3.00

Credit Hours Earned in this Term:

3.00

1. Prepared by

162

Date: 28/12/2014

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2. Compared by

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Deputy Controller of Examinations Bangladesh University of Engineering and Technology, Dhaka

Grades: For Theory Courses: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure

I = Incomplete, S = Satisfactory, U = Unsatisfactory, W = Withdrawn.

For Thesis/ Project : X = In Progress, I = Discontinued



Grade Sheet (Provisional)

Semester: April, 2011 Institute of Information and Communication Technology

Student No:

0409312006

Student's Name :

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	Grade Point
ICT 6634	Reconfigurable Computing	3.00	В	2.50

GPA: 2.50

Registered Credit Hours in this Term :

3.00

Credit Hours Earned in this Term:

3.00

165

1. Prepared by

Date: 28/12/2014

Hiduddin

2. Compared by

BUET DHAKA

Deputy Controller of Examinations Bangladesh University of Engineering and Technology, Dhaka

Grades: For Theory Courses: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure

I = Incomplete, S = Satisfactory, U = Unsatisfactory, W = Withdrawn.

For Thesis/ Project : X = In Progress, I = Discontinued



Grade Sheet (Provisional)

Semester: October, 2011 Institute of Information and Communication Technology

Student No:

0409312006

Student's Name:

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	Grade Point
ICT 6632	Advanced VLSI Design	3.00	B+	3.00

GPA: 3.00

Registered Credit Hours in this Term

3.00

Credit Hours Earned in this Term :

3.00

445

1. Prepared by

Date: 28/12/2014

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2. Compared by

Deputy Controller of Examinations Bangladesh University of Engineering and Technology, Dhaka

Grades: For Theory Courses: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure

I = Incomplete, S = Satisfactory, U = Unsatisfactory, W = Withdrawn.

For Thesis/ Project : X = In Progress, I = Discontinued

Grades Points : A+ = 4 points, A = 3.5 points, B+ = 3.0 points, B = 2.5 points, C = 2.0 points

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Grade Sheet (Provisional)

Semester: April, 2012 Institute of Information and Communication Technology

Student No:

0409312006

Student's Name :

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	Grade
ICT 6536	Neuro-Fuzzy Systems	3.00	B+	3.00

3:00 GPA:

Registered Credit Hours in this Term :

3.00

Credit Hours Earned in this Term :

3.00

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Date: 28/12/2014

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2. Compared by

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Deputy Controller of Examinations Bangladesh Univeristy of Engineering and Technology, Dhaka

Grades: For Theory Courses: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure

I = Incomplete, S = Satisfactory, U = Unsatisfactory, W = Withdrawn.

For Thesis/ Project : X = In Progress, I = Discontinued

; A+ = 4 points, A = 3.5 points, B+ = 3.0 points, B = 2.5 points, C = 2.0 points Grades Points



Grade Sheet (Provisional)

Semester: October, 2012 Institute of Information and Communication Technology

Student No:

0409312006

Student's Name :

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	
ICT 6615	Teletraffic Engineering	3.00	Α	3.50

3.50 GPA:

Registered Credit Hours in this Term:

3.00

Credit Hours Earned in this Term:

3.00

461

1. Prepared by

Date: 28/12/2014

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Technology, Dhaka

Grades: For Theory Courses: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure

I = Incomplete, S = Satisfactory, U = Unsatisfactory, W = Withdrawn.

For Thesis/ Project : X = In Progress, I = Discontinued

: A+ = 4 points, A = 3.5 points, B+ = 3.0 points, B = 2.5 points, C = 2.0 points Grades Points

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DHAKA



Grade Sheet (Provisional)

Semester: April, 2013
Institute of Information and Communication Technology

Student No:

0409312006

Student's Name :

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	Grade Point
ICT 6000	Thesis/Project	6.00	Х	
ICT 6641	Advanced Embedded System Design	3.00	B+	3.00

GPA: 3.00

Registered Credit Hours in this Term :

9.00

Credit Hours Earned in this Term :

3.00

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Date: 28/12/2014

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Controller of BUHTT DHAKA

Deputy Controller of Examinations Bangladesh Univeristy of Engineering and Technology, Dhaka

Grades: For Theory Courses: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure

I = Incomplete, S = Satisfactory, U = Unsatisfactory, W = Withdrawn.

For Thesis/ Project : X = In Progress, I = Discontinued



Grade Sheet (Provisional)

Semester: October, 2013

Institute of Information and Communication Technology

Student No :

0409312006

Student's Name :

Md. Mainur Rahman Tarafder

Class:

M.Sc. Engg./ M. Engg. (ICT)

Course No	Course Title	Credit Hours	Grade Letter	Grade Point
ICT 6611	Advanced Digital Communication	3.00	B+	3.00

GPA: 3.00

Registered Credit Hours in this Term :

3.00

Credit Hours Earned in this Term :

3.00

1. Prepared by

Date: 28/12/2014

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Deputy Controller of Examinations Bangladesh Univeristy of Engineering and Technology, Dhaka

2. Compared by

Grades: For Theory Courses: A+ = Excellent, A = Very Good, B+ = Good, B = Average, C = Pass, F = Failure

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