WES

WORLD EDUCATION SERVICES

CREDENTIAL EVALUATION AND AUTHENTICATION REPORT

CANADIAN EQUIVALENCY SUMMARY

Bachelor's degree (four years)

CREDENTIAL ANALYSIS

1. **Name on Credential:** MARUF, Muhammad Shamsul
   Credential Authentication: *Documents were verified by the institution*
   Country: Bangladesh
   Credential: Bachelor of Science in Engineering
   Year: 2004
   Awarded By: Rajshahi University of Engineering and Technology
   Status: Recognized Institution
   Admission Requirements: Higher Secondary Certificate
   Length of Program: Four years
   Major/Specialization: Computer Science and Engineering

   Canadian Equivalency: Bachelor's degree (four years)

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WORLD EDUCATION SERVICES (WES) EVALUATION SCOPE

WES evaluates formal educational credentials. WES does not evaluate non-academic study or work experience. WES evaluations are based upon the best information and resources available to professional evaluators. WES evaluations are offered as non-binding advisory opinions.

Evaluations for Professional Licensing/Certification: Only authorities qualified in the profession can determine whether an individual meets the requirements for licensing or to practice the profession in Canada.

WES EVALUATION TERMS (in order of appearance on the report)

Name on Credential: This is an indication of the name on the credential received for evaluation. When names are different, it is the responsibility of the user of the report to establish that the different names belong to the same individual.

Credential Authentication: Evaluations prepared by WES specify the manner in which each document was authenticated. The WES method used to authenticate academic documents depends on what is appropriate for the specific country and level of education. WES authenticates academic documents using one of the following methods:

- require that official transcripts be sent to WES directly by the issuing institutions or examination bodies;

OR

- require that relevant government authorities (such as the Ministry of Education) authenticate official transcripts and send them directly to WES;

OR

- send documents submitted by individuals back to the issuing institutions/examination bodies for verification and obtaining a written confirmation of authenticity.

Admission Requirement: The academic requirement for admission into the program.

Length of Program: The standard length of time to complete the program.

Grades/Quality Points: WES uses an alphabetic system to identify grades. The standard WES conversion of letter grades into a numerical scale/quality points is as follows: A = 4.00; A- = 3.67; B+ = 3.33; B = 3.00; B- = 2.67; C+ = 2.33; C = 2.00; C- = 1.67; D+ = 1.33; D = 1.00; D- = .67; F = 0; F* = (see below)

- "F*" indicates a course that was failed initially, but passed on a subsequent attempt. It is not included in the GPA calculation.

- "Pass" is not included in the cumulative GPA. For study completed at the undergraduate level, it corresponds to at least a "C". For graduate and professional study, "Pass" corresponds to at least a "B".

Grade Point Average (GPA): The GPA is calculated by multiplying the number of course credits for each course by the quality points for the grade received in that course. The calculation is repeated for each course. The total of the credit hour quality points are then divided by the total number of course credits.

Credit Recognition and Transfer: The Course-by-Course analysis represents a breakdown of post-secondary study in terms of Canadian semester credit and grade equivalents. The number of credits accepted for transfer to a degree program or towards a professional license in Canada may vary from those listed in this report in accordance with the policies of the receiving educational institution or licensing body.

For questions or comments about this evaluation report, please contact:

Director of Evaluations
World Education Services
2 Carlton Street, Suite 1400
Toronto, ON M5B 1J3 CANADA
wes.org/ca/contact

WES is a member of the Alliance of Credential Evaluation Services of Canada (the Alliance) **canalliance.org**.

COURSE-BY-COURSE ANALYSIS

Name: MARUF, Muhammad Shamsul   **Date :** June 04, 2019
Date of Birth: June 30, 1982   **Ref #:** 3970425/me
                                                     Page: 2 of 3

INSTITUTIONS - DATES - SUBJECTS	Credits	Grades
Rajshahi University of Engineering and Technology		
2000-2004		
First-year		
Computer Basics and Programming	3.5	A
Computer Basics and Programming Lab	1.5	A
Chemistry	2.5	B-
Chemistry Lab	1.5	A-
Mathematics I	2.5	A
Physics I	2.5	B-
Physics Lab	1.0	B+
English and Economics	3.5	A
Drawing and CAD Project	1.0	B
Object-Oriented Programming	2.5	A
Object-Oriented Programming Lab	1.5	A
Basic Electrical Engineering	2.5	C+
Basic Electrical Engineering Lab	1.5	A
Mathematics II	2.5	A-
Physics II	2.5	C+
Physics Lab	1.5	A-
Government and Society	2.5	A-
Second-year		
Data Structure	3.0	A
Digital Electronics	4.0	A-
Analog Electronic Circuits	2.5	B-
Analog Electronic Circuits Lab	1.5	A
Mathematics III	2.5	B-
Industrial Management and Accounting	3.5	A
Software Development Project I	1.0	C
Finite Automata Theory and Pulse Techniques	3.0	B-
Electrical Machines and Applications	2.5	B
Electrical Machines and Applications Lab	1.5	A
Mathematics IV	2.5	C
Algorithms Design and Analysis	3.0	B+
Discrete Mathematics and Numerical Methods	4.0	B-
(Continued on next page)		

COURSE-BY-COURSE ANALYSIS

INSTITUTIONS - DATES - SUBJECTS	Credits	Grades
Third-year		
Internet Programming Lab/Project	1.0	A
Database Systems	4.5	B
Software Engineering	2.5	A
Applied Statistics and Queuing Theory	2.5	B
Microprocessors and Assembly Language	4.0	B-
Instrumentation	1.5	C+
Instrumentation Lab	1.0	A-
Operating Systems	3.0	A
Computer Architecture	2.5	B
Data Communication	3.0	B+
Peripherals and Interfacings	3.0	A-
Artificial Intelligence and Expert Systems	3.0	A
Software Development Project II	1.5	A
Final-year		
Compiler Design	3.0	B+
Very Large Scale Integration (VLSI) Design	1.5	B-
Information System Analysis and Design	3.0	B+
Computer Networks	3.0	B+
Digital Signal Processing	3.0	C+
Computer Graphics	3.0	B-
Neural Network and Fuzzy Systems	3.0	B+
Network Security	2.5	B
Digital Image Processing	2.5	C+
Parallel and Distributed Processing	1.5	C+
Project and Thesis II	2.5	B+
Seminar	1.0	B+

SUMMARY

Total Undergraduate Semester Credits: 133.5 GPA: 3.26

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(WES)
WORLD EDUCATION SERVICES

04-Jun-2019

Muhammad Shamsul MARUF   Reference#: 3970425/mu
House#9 Road#9 Sector#6
Uttara Model Town, Uttara
Dhaka, 1230
BANGLADESH

World Education Services is pleased to provide you with the enclosed credential evaluation report
(Reference No: 3970425).

A WES evaluation report reflects our expertise in international education systems and our best judgment of your
academic qualifications. WES evaluates formal academic qualifications (degrees, diplomas, certificates and transcripts)
awarded by secondary and post-secondary institutions. WES does not evaluate trade, occupational or industrial
qualifications therefore they are not included in our evaluation reports.

Your WES evaluation report has also been sent to the recipient(s) listed below. Copies of verified academic records used
in the evaluation are also sent to academic institutions and professional licensing bodies selected as recipients.

Your evaluation report is stored and available for future use.

To order duplicate reports visit:
https://applications.wes.org/createaccount/login/login/

Please contact the Director of Evaluations in writing if you have any questions. To protect your privacy, WES staff cannot
discuss evaluations over the telephone.

We thank you for choosing WES for your credential evaluation.

Sincerely,
World Education Services

University of Regina

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INSTRUCTIONS FOR USING THIS REPORT: An explanation of the terms used in this report can be found on the reverse side. This report is valid
only when printed on watermarked paper and sealed with an official WES stamp on each page.
WES is recognized by the Government of Ontario and is a designated service provider of educational credential assessment (ECA) for immigration, refugees and Citizenship Canada (IRCC).

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